



AGENDA
CITY OF ORMOND BEACH, FLORIDA
CITY COMMISSION MEETING
September 7, 2022
7:00 PM

Mayor Bill Partington

Zone 1 – Commissioner Dwight Selby

Zone 3 – Commissioner Susan Persis

Zone 2 – Commissioner Troy Kent

Zone 4 – Commissioner Rob Littleton

COMMISSION CHAMBERS

22 South Beach Street, Ormond Beach, FL 32174

Phone: 386-677-0311

Web: www.ormondbeach.org

- 1. CALL TO ORDER**
- 2. INVOCATION**
- 3. PLEDGE OF ALLEGIANCE**
- 4. INTRODUCTION OF PRINCIPALS**
- 5. ADOPTION OF FY 2022-2023 PROPOSED MILLAGE RATES AND TENTATIVE BUDGET**
 - A. RESOLUTION NO. 2022-104:** A RESOLUTION ADOPTING PROPOSED MILLAGE RATES FOR THE 2022-2023 FISCAL YEAR; ESTABLISHING A DATE TIME AND PLACE FOR A PUBLIC HEARING TO ADOPT FINAL MILLAGE RATES AND FINAL BUDGET; AND SETTING FORTH AN EFFECTIVE DATE.

Staff Contact: Kelly McGuire, Finance Director (386-676-3226)
 - B. ORDINANCE NO. 2022-26:** AN ORDINANCE ADOPTING THE ANNUAL BUDGET FOR THE 2022-2023 FISCAL YEAR BEGINNING OCTOBER 1, 2022 AND ENDING SEPTEMBER 30, 2023; REPEALING ALL INCONSISTENT ORDINANCES OR PARTS THEREOF; AND SETTING FORTH AN EFFECTIVE DATE.

Staff Contact: Kelly McGuire, Finance Director (386-676-3226)
- 6. AUDIENCE REMARKS - REGARDING ITEMS NOT ON THE AGENDA**

7. APPROVAL OF MINUTES

- A. Minutes from City Commission meeting – August 16, 2022

8. CONSENT AGENDA

The action proposed is stated for each item on the Consent Agenda. Unless a City Commissioner removes an item from the Consent Agenda, no discussion on individual items will occur and a single motion will approve all items.

- A. **RESOLUTION NO. 2022-105:** A RESOLUTION AUTHORIZING EXECUTION OF A SERVICE AGREEMENT BETWEEN THE CITY AND THE ORMOND MEMORIAL ART MUSEUM, INC.; AUTHORIZING THE EXPENDITURE OF FUNDING; AND SETTING FORTH AN EFFECTIVE DATE.

Staff Contact: *Robert Carolin, Leisure Services Director (386-676-3279)*

- B. **RESOLUTION NO. 2022-106:** A RESOLUTION ACCEPTING PROPOSALS AND AUTHORIZING THE EXECUTION OF CONTINUING CONTRACTS WITH SIX PROFESSIONAL SERVICES FIRMS FOR CONSTRUCTION MANAGEMENT AT RISK SERVICES, UNDER RFQ 2022-17; AND SETTING FORTH AN EFFECTIVE DATE.

Staff Contact: *Alex Schumann, City Engineer (386-676-3302)*

- C. **RESOLUTION NO. 2022-107:** A RESOLUTION AUTHORIZING THE EXECUTION OF TWO UNDERGROUND EASEMENTS IN FAVOR OF FLORIDA POWER & LIGHT COMPANY FOR THE INSTALLATION OF UNDERGROUND UTILITIES ALONG S. HALIFAX DRIVE BETWEEN EAST GRANADA BLVD. AND CASEMENTS DRIVE; AND SETTING FORTH AN EFFECTIVE DATE.

Staff Contact: *Alex Schumann, City Engineer (386-676-3302)*

- D. **RESOLUTION NO. 2022-108:** A RESOLUTION AUTHORIZING THE EXECUTION OF A GRANT AGREEMENT BETWEEN THE CITY AND THE FEDERAL AVIATION ADMINISTRATION TO FUND THE DESIGN, CONSTRUCTION AND CONSTRUCTION ENGINEERING SERVICES FOR THE AUTOMATED WEATHER OBSERVING SYSTEM REPLACEMENT PROJECT; AND SETTING FORTH AN EFFECTIVE DATE.

Staff Contact: *Brian Rademacher, Economic Development Director (386-676-3266)*

- E. **RFP 2022-26 Management and Operation of the Nova Skate Court Concession**

Staff Contact: *Robert Carolin, Leisure Services Director (386-676-3279)*

Disposition: Approve as recommended in the City Manager memorandum dated September 7, 2022.

F. Auto Renewal Contract - Pace Analytical for Water and Wastewater Facility Sample Testing

Staff Contact: Robert Preis, Utility Manager (386-676-3305)

Disposition: Approve as recommended in the City Manager memorandum dated September 7, 2022.

9. FIRST READING OF ORDINANCES

- A. ORDINANCE NO. 2022-27:** AN ORDINANCE OF THE CITY OF ORMOND BEACH, FLORIDA, AMENDING ARTICLE III, FIREFIGHTERS' PENSION TRUST FUND, OF CHAPTER 16, PENSIONS AND RETIREMENT, OF THE CODE OF ORDINANCES; AMENDING SECTION 16-43, ESTABLISHMENT AND OPERATION OF FUND; FINANCES AND FUND MANAGEMENT; PROVIDING FOR SEVERABILITY OF PROVISIONS; PROVIDING FOR CODIFICATION; REPEALING ALL ORDINANCES IN CONFLICT HERewith AND PROVIDING AN EFFECTIVE DATE.

Staff Contact: Kelly McGuire, Finance Director (386-676-3226)

10. RESOLUTIONS

- A. RESOLUTION NO. 2022-109:** A RESOLUTION DECLARING THE RESULTS OF THE PRIMARY MUNICIPAL ELECTION CONDUCTED IN THE CITY OF ORMOND BEACH, FLORIDA, ON TUESDAY, AUGUST 23, 2022; AUTHORIZING THE ISSUANCE OF A CERTIFICATE; SETTING FORTH AN EFFECTIVE DATE.

Staff Contact: Susan Dauderis, City Clerk (386-676-3340)

11. DISCUSSION AND DIRECTION ITEMS

- A. Impact Fee Update Study**

Staff Contact: Steven Spraker, Planning Director (386-676-3341)

12. REPORTS, SUGGESTIONS, REQUESTS

13. ADJOURNMENT

Website Address – www.ormondbeach.org

NOTICE – Pursuant to Section 286.0105 of the Florida Statutes, if any person decides to appeal any decision made by the City Commission with respect to any matter considered at this public meeting, such person will need a record of the proceedings and for such purpose, such person may need to ensure that a verbatim record of the proceedings is made, including the testimony and evidence upon which the appeal is to be based.



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Phone: 386-677-0311



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persons needing other types of assistance, and who wish to attend City Commission meetings or any other board or committee meeting may contact the City Clerk's Office in writing, or may call 386-677-0311 for information regarding available aids and services.



CITY OF ORMOND BEACH

City Manager • 22 S. Beach Street • Ormond Beach • Florida • 32174 • (386) 676-3200 • Fax (386) 676-3384

CITY MANAGER MEMORANDUM

To: The Honorable Mayor Partington and City Commissioners

Through: Joyce A. Shanahan, City Manager

From: Kelly McGuire, Finance Director

Date: September 7, 2022

Subject: Proposed Tax Rates Fiscal Year 2022-2023

Commission Goal: Governance - Other

Introduction

This item is a resolution to adopt the proposed millage rates for Fiscal Year (FY) 2022-2023.

Background

The City is required to approve a tax rate and budget annually.

Discussion

During the public hearing on the proposed millage rates and the tentative FY 2022-2023 budget, the following actions must be taken in the following order as outlined by the Truth in Millage requirements:

1. The City Clerk will read the resolution on the proposed millage rate. The resolution reflects the tentative millage rates set by the City Commission at the July 19, 2022 meeting. The overall millage is 4.58% less than last year, or nearly halfway to the rolled-back rate.
2. The Mayor will announce the proposed millage rates and roll back rate.

Millage Purpose	Tentative Rate
General Operating	3.2480
General Capital Improvements	0.0930
General Vehicle & Equipment Replacement	0.0460
Public Safety Vehicle & Equipment Replacement	0.1440
Transportation	0.1150
Facilities Renewal & Replacement	0.1150
TOTAL OPERATING	3.7610

2003 Voter Approved General Obligation Bond	0.0050
2010 Voter Approved General Obligation Bond	0.0800
TOTAL MILLAGE	3.8460

3. Members of the public will be given an opportunity to comment on the budget and proposed millage rate.
4. After public comments, a motion can be made to adopt the millage rate.
5. The Mayor will restate the millage rate and rollback information, the vote will be called, and the Mayor will restate the millage rate approved.
6. The City Clerk will read the budget ordinance.
7. Move adoption of the budget ordinance on first reading.
8. Call a vote on the budget ordinance to adopt the tentative.
9. Close the public hearing.

Budget Impact

The proposed tax rate has been incorporated into the proposed annual budget for Fiscal Year 2022-2023.

Citizens Impact

The tax rate is nearly halfway to the roll back rate and provides necessary funding for essential services and capital improvement with a focus on public safety, water quality, and transportation projects. The budget serves the citizens of the community by providing the funds necessary to maintain and improve infrastructure, ensure qualified and responsive fire and police protection, and offer amenities that define our community through committed, dedicated, and exceptional employees that remain steadfast in our goal to provide the highest quality service.

The proposed rate will result in a slight tax reduction for most homesteaded property owners.

Recommendation

Staff recommends approval of the millage rate resolution.

Attachments:

- 22-104 Proposed Millage (P22-0100G) (PDF)

REVIEWED BY:
Kelly McGuire, Finance Director 8/9/2022
Claire Whitley, Assistant City Manager 8/26/2022**APPROVED BY:**
Joyce A. Shanahan, City Manager 8/30/2022

RESOLUTION NO. 2022-104

A RESOLUTION ADOPTING PROPOSED MILLAGE RATES FOR THE 2022-2023 FISCAL YEAR; ESTABLISHING A DATE TIME AND PLACE FOR A PUBLIC HEARING TO ADOPT FINAL MILLAGE RATES AND FINAL BUDGET; AND SETTING FORTH AN EFFECTIVE DATE.

WHEREAS, on July 19, 2022, the Ormond Beach City Commission approved Resolution 2022-79, adopting proposed millage rates for fiscal year 2022-2023; and setting a public hearing on the aforesated proposed millage rates and tentative Fiscal Year 2022-2023 Annual Budget, to be held Wednesday, September 7, 2022 at 7:00 pm in the City Commission Chambers at Ormond Beach City Hall, 22 South Beach Street, Ormond Beach, Florida, and

WHEREAS, said public hearing has officially been held in accordance with the requirements of Section 200.065, *Florida Statutes*, and

WHEREAS, the Ormond Beach City Commission desires to adopt or re-adopt proposed millage rates for the 2022-2023 Fiscal Year, now therefore,

BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF ORMOND BEACH, FLORIDA, THAT:

SECTION ONE. After careful consideration of the estimate of receipts and the estimate of expenditures of the City of Ormond Beach, Florida (“the City”), it is hereby agreed that the rates of taxation necessary to meet such expenses will be, for each of the hereinafterstated purposes, the amounts estimated, declared and hereby levied, to-wit:

(a) in order to meet the estimate of expenses of the City, it is hereby determined and declared that the total operating millage shall be at the rate of 3.7610 mills or \$3.7610 per \$1,000 of taxable value, and the same is hereby levied and imposed upon all non-exempt taxable property within the corporate limits of the City for those purposes hereinafter described to provide for the expenditures as estimated in the Fiscal Year 2022-2023 Annual Budget;

(i) in order to meet the estimate of General Fund, Capital Improvements Fund, Facilities Renewal and Replacement Fund, Vehicle and Equipment Replacement Fund, Public Safety Vehicle and Equipment Replacement Fund, and Transportation Improvements Fund expenses of the City, it is hereby determined and declared that the operating millage rate (General Fund, Capital Improvements Fund, Facilities Renewal and Replacement Fund, Vehicle and Equipment Replacement Fund, Public Safety Vehicle and Equipment Replacement Fund, and Transportation Improvements Fund combined) shall be at the rate of 3.7610 mills or \$3.7610 per \$1,000 of taxable value, and the same is hereby levied and imposed upon all non-exempt taxable property within the corporate limits of the City for general purposes to provide for the General Fund, Capital Improvements Fund, Facilities Renewal and Replacement Fund, Vehicle and Equipment Replacement Fund, Public Safety Vehicle and Equipment Replacement Fund, and Transportation

Improvements Fund expenditures as estimated in the Fiscal Year 2022-2023 Annual Budget;

- (ii) the millage rate to be levied, 3.7610 mills, is an 5.68% increase over the “rolled-back” millage rate, which is \$3.5587 per \$1,000 of taxable value;
- (iii) in order to pay interest upon and sinking fund requirements for the outstanding 2003 general obligation bond issue of the City, and for the purpose of paying the expenses of servicing such bonds, it is hereby determined and declared that the debt service millage shall be at the rate of 0.0050 mills or .50¢ per \$1,000 of taxable value, and the same is hereby levied and imposed on all non-exempt taxable property within the corporate limits of the City for the purposes hereinbefore stated in this Subsection. Voters approved the 2003 general obligation bond issue on April 15, 2003 in order to construct a replacement fire station;
- (iv) in order to pay interest upon and sinking fund requirements for the outstanding 2010 general obligation bond issue of the City, and for the purpose of paying the expenses of servicing such bonds, it is hereby determined and declared that the debt service millage shall be at the rate of 0.0800 mills or 8.00¢ per \$1,000 of taxable value, and the same is hereby levied and imposed on all non-exempt taxable property within the corporate limits of the City for the purposes hereinbefore stated in this Subsection.

Voters approved the 2010 general obligation bond issue on August 24, 2010
for the acquisition and development of a beachfront park.

SECTION TWO. A public hearing to adopt final millage rates and a final Fiscal
Year 2022-2023 Annual Budget will be held on Wednesday, September 21, 2022, at 7:00 p.m., in
the Commission Chambers of the Ormond Beach City Hall, 22 South Beach Street, Ormond
Beach, Florida.

SECTION THREE. This Resolution shall take effect immediately upon its
adoption.

APPROVED AND AUTHENTICATED this 7th day of September, 2022.

BILL PARTINGTON
Mayor

ATTEST:

SUSAN CARROLL DAUDERIS
City Clerk



CITY OF ORMOND BEACH

City Manager • 22 S. Beach Street • Ormond Beach • Florida • 32174 • (386) 676-3200 • Fax (386) 676-3384

CITY MANAGER MEMORANDUM

To: The Honorable Mayor Partington and City Commissioners

Through: Joyce A. Shanahan, City Manager

From: Kelly McGuire, Finance Director

Date: September 7, 2022

Subject: Budget Ordinance-Proposed Fiscal Year 2022-2023 Budget

Commission Goal: Governance - Other

Introduction

This is a request to adopt the proposed budget as outlined during the July 19th budget workshop. The budget, *net of inter-fund transfers and internal charges* is \$90,920,673 and represents a 12% increase over the prior year. (See attached budget for detailed information.)

<u>Fund Type</u>	<u>FY 2021-22</u>	<u>FY 2022-23</u>	<u>Variance \$</u>	<u>Variance %</u>
General Fund Budget	\$ 37,753,928	\$ 41,522,489	\$ 3,768,561	10.0%
Special Revenue Funds	\$ 8,480,702	\$ 6,510,297	\$ (1,970,405)	-23.2%
Debt Service Funds	\$ 1,355,479	\$ 1,284,891	\$ (70,588)	-5.2%
Capital Improvement Budget	\$ 6,842,340	\$ 6,594,704	\$ (247,636)	-3.6%
Water & Wastewater Budget	\$ 35,785,920	\$ 44,492,343	\$ 8,706,423	24.3%
Solid Waste Budget	\$ 9,444,232	\$ 9,827,200	\$ 382,968	4.1%
Worker's Compensation Fund	\$ 801,612	\$ 801,612	\$ -	0.0%
General Liability Fund	\$ 1,260,253	\$ 1,460,253	\$ 200,000	15.9%
Total Budget Appropriation	\$ 101,724,466	\$ 112,493,789	\$ 10,769,323	10.6%
Less Interfund transfers & Internal Charges	\$ (20,555,582)	\$ (21,573,116)	\$ (1,017,534)	5.0%
TOTAL NET BUDGET	\$ 81,168,884	\$ 90,920,673	\$ 9,751,789	12.0%

Background

As in previous years, the budget is based upon long-term financial trends that are regularly monitored for inflation, including various consumer price indexes such as construction, and energy, as well as health insurance rates, labor union contracts, and employee turnover ratios all of which impact the budget. The tax rate incorporated in the

proposed budget of 3.8460 reflects a 4.58% decrease in the tax rate from the previous year.

Discussion

Consistent with the City's Strategic Plan, the Fiscal Year (FY) 2022-2023 proposed budget promotes the following goals identified by the City Commission:

- 1) Ensure qualified and responsive police and fire protection services,
- 2) Maintain and improve safe and efficient transportation systems, and
- 3) Continue the City's environmental stewardship through high quality water distribution, storage, and conservation policies.

The budget also includes sufficient funding for amenities that preserve our community's quality of life, and exceptional employees that remain steadfast in providing the highest quality service. Most importantly, the proposed budget furthers the Commission's goal of remaining fiscally conservative, with a projected year end general fund balance of 15%.

Each of the key goals used to develop the budget are summarized below, with additional detail provided for in the attached proposed Budget FY 2022-23.

Public Safety

Goal: Provide a safe and secure city that maintains a sense of security and responsiveness for all residents.

Priority Objective: Develop a long-range plan to purchase emergency vehicles and equipment.

Implementation: In FY 2022-23 Budget the City continues to direct a portion of every tax dollar (0.1440 mills for a total of \$626,225) to be set aside each year specifically to meet the equipment needs of the Police and Fire departments. This budget provides for:

- 6 patrol cars
- 2 Police specialty unit vehicles
- 1 Police motorcycle
- 2 Commercial dryers for Fire Dept turnout gear
- 1 Fast Fire Attack Brush Truck
- Lease payments for the two 2020 fire pumper trucks

Transportation

Goal: Develop and maintain a balanced, efficient, and safe transportation system.

Priority Objective: Increase funding for local road rehabilitation and increase the rate at which local roadways are rehabilitated.

Implementation: This proposed budget implements \$1.37M in transportation improvements. This budget provides for:

- Additional, citizen-directed traffic calming measures
- Maintains \$750,000 for roadway rehabilitation and resurfacing, up 150% from FY 2020-21. This allows more dollars for roadway resurfacing and to partially adjust funds for inflation costs related to construction materials including asphalt
- Includes \$302,000 for sidewalk repair and maintenance

Water Quality and the Environment

Goal: *Maintain the City's environmental stewardship by reducing the negative impacts of pollutants on water bodies.*

Priority Objective: *Increase water and reclamation infrastructure funding to ensure our facilities operate at optimal capacity and efficiency.*

Implementation: This budget contains \$14.08M for essential capital infrastructure repair, replacement and improvement projects that ensure the City remains an excellent steward of our water bodies and their tributaries. This budget provides for:

- \$2.95M in annual water and wastewater plant upgrades
- \$850K for reclaimed water storage and design work for expanding the Airport Road reclaim water main
- \$2.429M in Water treatment plant upgrades
- \$2.85M in lime-softening filter replacements at the water plant
- \$1.5M in State Grant Funds for Septic to Sewer Conversion on Oak, Magnolia and Bonita

Citizen Impact

The proposed budget continues to adhere to the City's conservative approach to the budget by managing costs without compromising the services that add value and serve our residents and businesses. It provides the funds necessary to maintain and improve infrastructure, ensure qualified and responsive fire and police protection, and offer amenities that define our community through committed, dedicated, and exceptional employees that remain steadfast in our goal to provide the highest quality service.

Recommendation

The Budget Advisory Board and City staff recommend approval of the proposed budget.

Attachments:

- 22-26 Adopt Annual Budget (P22-0100G) (PDF)
- FY 2022-23 Proposed Budget (PDF)
- Attachment A (PDF)

REVIEWED BY:


Kelly McGuire, Finance Director 8/30/2022



Claire Whitley, Assistant City Manager 8/30/2022

APPROVED BY:



Joyce A. Shanahan, City Manager 8/30/2022

ORDINANCE NO. 2022-26

AN ORDINANCE ADOPTING THE ANNUAL BUDGET FOR THE 2022-2023 FISCAL YEAR BEGINNING OCTOBER 1, 2022 AND ENDING SEPTEMBER 30, 2023; REPEALING ALL INCONSISTENT ORDINANCES OR PARTS THEREOF; AND SETTING FORTH AN EFFECTIVE DATE.

WHEREAS, in accordance with the provisions of the City of Ormond Beach, Florida, *Charter* and *Code of Ordinances*, the City Manager has submitted to the City Commission her Annual Budget for the various funds of the City, and

WHEREAS, Section 4.04(f), *Charter*, requires the Annual Budget to be adopted by Ordinance, and

WHEREAS, the City Commission has determined that it is necessary and appropriate to adopt an annual budget as attached hereto, now therefore,

BE IT ENACTED BY THE PEOPLE OF THE CITY OF ORMOND BEACH, FLORIDA, THAT:

SECTION ONE. The City Commission hereby adopts, as its Annual Budget for the 2022-2023 Fiscal Year (October 1, 2022 through September 30, 2023, inclusive), those appropriations set forth on Attachment “A” and the FY22-23 Proposed Budget document, which are attached hereto and incorporated herein by reference, including all travel, stipend, and wage adjustments for all elected and appointed officials, and all bargaining and non-bargaining unit employees in the classified and unclassified services.

SECTION TWO. All Ordinances or parts of Ordinances in conflict herewith are hereby repealed to the extent of such conflict.

SECTION THREE. This Ordinance shall take effect immediately upon its adoption.

PASSED UPON at the first reading of the City Commission, this 7th day of September, 2022.

PASSED UPON at the second reading of the City Commission, this 21st day of September, 2022.

BILL PARTINGTON
Mayor

ATTEST:

SUSAN CARROLL DAUDERIS
City Clerk

PROPOSED BUDGET



FY 2022-23



CITY OF ORMOND BEACH BUDGET
FY 2022-23
OCTOBER 1, 2022 – SEPTEMBER 30, 2023



CITY COMMISSION

BILL PARTINGTON, MAYOR

DWIGHT SELBY, ZONE ONE

TROY KENT, ZONE TWO COMMISSIONER

SUSAN PERSIS, DEPUTY MAYOR & ZONE THREE COMMISSIONER

ROB LITTLETON, ZONE FOUR COMMISSIONER

Joyce A. Shanahan
Claire Whitley
Kelly A. McGuire
Christopher D. Byle

City Manager
Asst. City Manager
Finance Director
Asst. Finance Director

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INTRODUCTION
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COMMUNITY OVERVIEW

CITY OF ORMOND BEACH

The city that is now Ormond Beach, which is located on the northeast coast of Florida, dates from the period immediately following the Civil War. J. Andrew Bostrom, a former Union soldier originally born in Sweden, settled land on the peninsula. Concentrated settlement on the mainland began in 1873 with the establishment of New Britain, founded by a small community of New Englanders intent on making their living from citrus cultivation. In 1875, New Britain was subdivided into blocks and lots, with the original plat containing eleven (11) streets. Of the eleven (11) streets, seven (7) retain their original names, with four (4) located in present downtown Ormond Beach.



By 1880, New Britain had grown enough to warrant incorporation. During the elections for incorporation, the town name was changed to Ormond, in honor of James Ormond III, descendant of an early British colonist from the 1770's. The town was legally incorporated on April 22, 1880 and adopted the banana tree as the town emblem.

The development of Ormond Beach accelerated during the 1880's when John Anderson, Joseph Price, Stephen Van Cullen White and other pioneers saw that the small wilderness community was linked by rail with the eastern United States. Their entrepreneurial spirit led to the construction of a bridge spanning the Halifax River (Atlantic Intra-coastal Waterway) from the mainland to the peninsula and the Ormond Hotel, a building that helped define the social and economic character of the community. During the late nineteenth and early twentieth centuries, Ormond became one of Florida's most recognized resort communities and the location of some of the first automobile races in the United States. Consequently, Ormond Beach became and is still known today as the "Birthplace of Speed". Ironically, following World War I, as the automobile became increasingly available to middle America, the character of Florida tourism changed, and Ormond declined in importance as a winter resort and tourist mecca, becoming a more traditional residential community.

In 1959, the City was granted 1,164 acres of land from the Federal government that was developed into a municipal airport that consists of two (2) active runways and six (6) taxiways. In addition, the City purchased 176 acres from the Federal government in 1959; a site that has since been developed into a successful commerce center. Since 1970, the city's population increased from approximately 14,000, to the present population of approximately 38,000, which has resulted from a combination of real growth and annexations. During the 1990's, residential development and the City's commercial and retail center expanded westward beyond Interstate 95 as the size of the City grew to approximately 29 square miles.

The median age of the City's residents is 48.7. Approximately 42% of households include someone over the age of 65. Median income is \$62,243 with 32% of citizens having achieved a higher education (Bachelor or Master degree).

City of Ormond Beach Mission Statement



To ensure Ormond Beach is one of the most attractive, stimulating and innovative communities in Florida, while protecting our rich history and maintaining our unique charm. Boasting an environment where our children can thrive, with a prosperously diverse and balanced economy. All the while, delivering exceptionally responsive service to our citizens and cultivating the highest quality of life.





GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished
Budget Presentation
Award*

PRESENTED TO

**City of Ormond Beach
Florida**

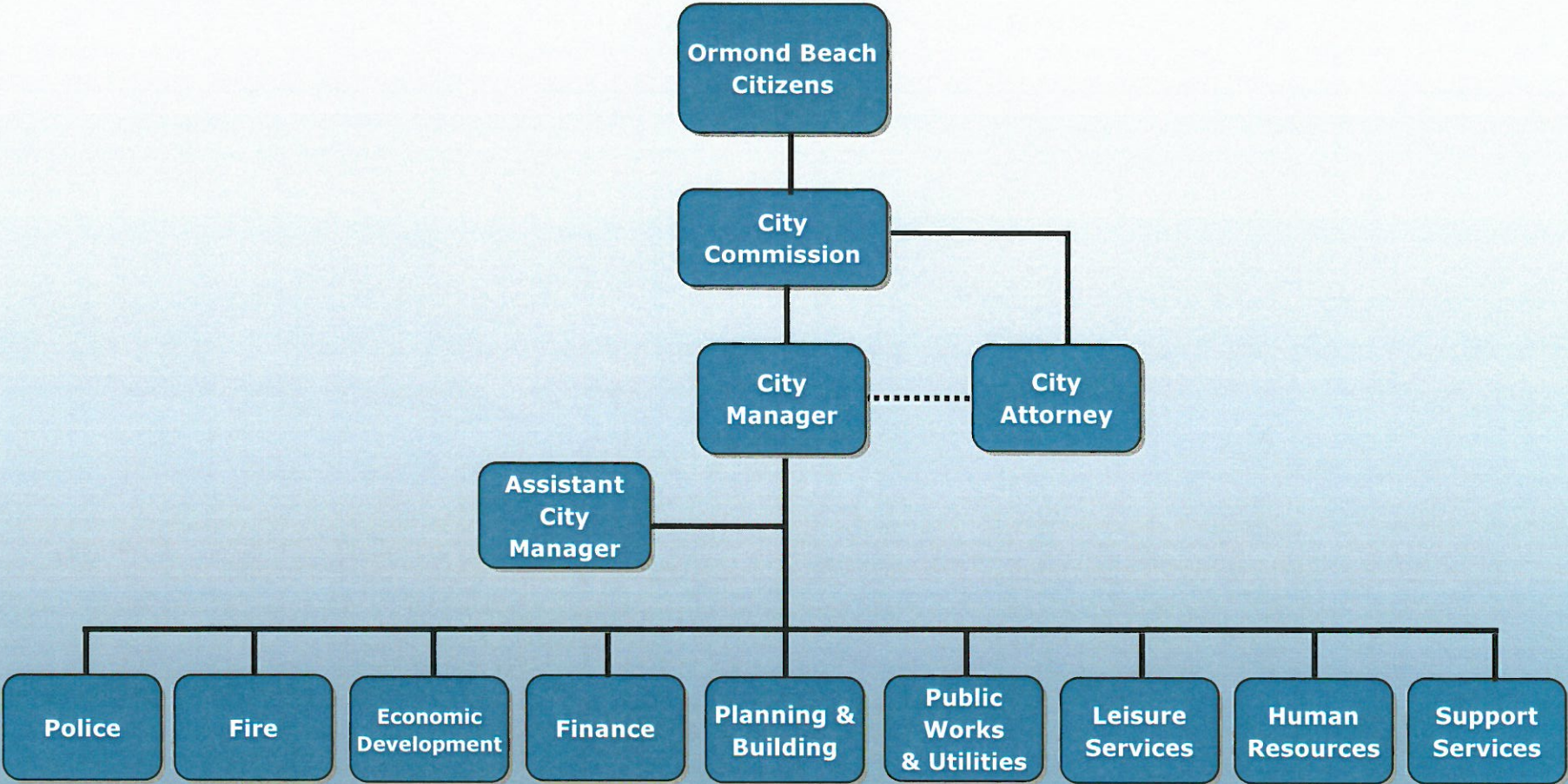
For the Fiscal Year Beginning

October 01, 2020

Christopher P. Morill

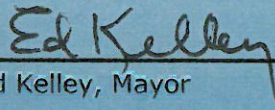
Executive Director

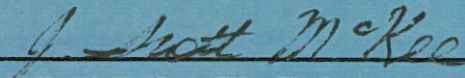
City of Ormond Beach Organizational Chart



This is to certify that this is the official organizational chart of the City of Ormond Beach referred to in Article II, Chapter 2, of the City of Ormond Beach, Florida, *Code of Ordinances*, adopted by Resolution No. 2016-154 on November 1, 2016.




Ed Kelley, Mayor


J. Scott McKee, City Clerk



City of Ormond Beach FY 2022-2023 Proposed Budget

City Manager's Budget Message

To: The Honorable Mayor and City Commission
From: Joyce Shanahan, City Manager
Date: September 7, 2021
Subject: FY 2022-2023 Recommended Proposed Budget

In accordance with the Charter, I am pleased to present for your consideration the City Manager's proposed budget for the Fiscal Year, beginning on October 1, 2022, and ending September 30, 2023. The annual budget serves as the essential financial guide for the City. It is the primary governing document that provides a history of prior economic activities and future expenditures. As in previous years, the budget is based upon long-term financial trends that are regularly monitored, including various consumer price indexes for inflation, construction, and energy, as well as health insurance rates, labor union contracts, and employee turnover ratios, all of which impact the budget.

Total City Budget – All Funds (all dollars in millions)				
	FY 2023	FY 2022	\$ Dollar Change	% Percent Change
Revenues	\$112.49	\$101.72	\$10.77	10.57%
Expenses	\$112.49	\$101.72	\$10.77	10.57%
<u>10/1</u> Beginning Fund Balance	\$25.02	\$29.09	-\$4.07	-14.00%
<u>9/30</u> Ending Fund Balance	\$16.00	\$25.02	-\$9.02	-36.05%

While the economic outlook remains strong, we continue to adhere to our conservative approach to the budget by managing costs without compromising the services that add value and serve our residents and businesses.

The proposed budget continues the City Commission's long legacy of careful fiscal stewardship while being mindful of the needs of our residents and business community. The City Commission continues to hold staff accountable to actively pursue new ideas and better ways to get the job done while remaining steadfast in providing the highest quality services to our community.

As Travel Weekly stated, "...Ormond Beach is the kind of place many people are searching for and are still surprised to find in Florida. It is small scale, manageable, and quaint." The City of Ormond Beach is well recognized for our remarkable quality of life, beautiful beaches, vibrant downtown, attractively landscaped corridors, manicured parks and ballfields, thriving businesses, and a healthy business environment. Dozens of companies headquartered in Ormond Beach produce products known the world over for quality and reliability. For all these reasons, Ormond Beach is known as Central Florida's Preferred Business Address.



City of Ormond Beach

FY 2022-2023 Proposed Budget

City Manager's Budget Message

Budget Process

The annual budget review process typically begins with a June Capital Improvement workshop. This is preceded by a review process of various city boards, including the Airport Advisory Board, Leisure Services Advisory Board, and Quality of Life Advisory Board. Direction from the City Commission is implemented into the proposed budget. Staff then reviews the proposed budget with the Budget Advisory Board. This Commission Budget Workshop marks the last step in the budget process before a formal draft budget is prepared. It provides an opportunity for the City Commission, together with the Budget Advisory Board, the city manager, and senior staff, to get together to review revenues and expenditures and discuss needs and future ideas.

Total Budget

The City of Ormond Beach has a long-established history of fiscal stability. As a result, even during unprecedented events like COVID-19, there was a limited interruption to City Services and minimal impact on the general fund revenue. Despite the pandemic, revenues are trending toward pre-COVID-19 levels, allowing us to remain a consistent and reliable service provider to our residents and business community.

The total budget for the City is projected to be \$112.49 which includes the Operating/Personnel Budget for FY 2022-23 of \$91,892,724. The Capital Improvement Budget funds the first year of the 5-year capital plan at \$21,276,065. These projects will be primarily funded from dedicated capital funds. The proposed budget funds the inflationary increases in materials, supplies, fuel, and electricity; incorporates the mid-contract and annual wage adjustments; and provides for the addition of five much-needed positions, including 2 positions for police, 1 for utilities, and 2 for leisure services.

We anticipate \$103.11 million in total revenues for the coming fiscal year, and the use of fund balance is projected at \$9.38 million. The revenues include \$680,000 from general reserves for operating expenses and \$7,079,453 in funding from existing capital fund balances, which is money saved for this specific purpose.

General Fund

The General Fund revenues budget for FY 2022-23 totals \$41,522,489. This is an increase of \$3,768,561 or 9.98% compared to the prior fiscal year budget. Revenue projections for sales tax are rebounding well and are expected to increase in FY 2022-23. The most significant revenue source in the General Fund budget is ad valorem taxes in the amount of \$14,504,485, which is based upon reducing the current millage rate to 3.7610, reflecting a 3.88% decrease in the operating tax rate as compared to the prior year.



City of Ormond Beach FY 2022-2023 Proposed Budget

City Manager's Budget Message

Although the current rate is reduced, ad valorem property tax revenue will increase due to the 11.19% increase in Ormond Beach's property values established by the property appraiser. It is important to note that homesteaded residential property values are capped at 3% or the CPI index, whichever is less, and non-residential property is capped at 10%. The millage rate will generate \$16,938,131, of which \$2,259,298 is dedicated to specific capital funds for the necessary replacement of public safety vehicles and equipment, parks and recreation improvements, transportation, stormwater improvements, and utility system upgrades and vehicle replacements.

Fund Balance

Ormond Beach remains financially strong with the projected fund balances; we remain consistent with the auditor's prior evaluation of our financial position, including General Fund reserves, which are projected at 15% at the conclusion of FY 2022-23.

The FY 2022-23 proposed budget includes the use of fund balance for capital projects (\$900,000), economic development incentives (\$117,000), inflation contingency (\$400,000), and funding necessary to reduce the tax rate (\$680,000).

The City continues to operate in a fiscally conservative manner, and this budget is no exception. Based on the proposed budget, it is projected that we will end the FY 2023 year with fund balances from all funds totaling \$16 million or 17.6%

Strategic Plan

This budget follows the Commission's direction by focusing on goals identified in the City's 2019 Strategic Plan: 1) Public Safety, 2) Transportation, and 3) Water Quality and Environment.

- **Public Safety:**
 - **Goal:** *Provide a safe and secure city that maintains a sense of security and responsiveness for all residents.*
 - **Priority Objective:** *Develop a long-range plan to purchase emergency vehicles and equipment.*
 - **Implementation:** This proposed budget maintains the dedicated millage established last year for the Public Safety capital equipment fund of 14.4 cents per tax dollar (0.1440 mills or \$626,225). Continuation of this fund ensures a long-term revenue source for these essential services. This budget proposes the replacement of 6 new patrol cars, two specialty unit vehicles, and one motorcycle; two commercial dryers for Fire Dept turnout gear; and a brush truck. In addition,



City of Ormond Beach FY 2022-2023 Proposed Budget

City Manager's Budget Message

this fund will pay for the lease-purchase payments for two fire pumpers purchased in 2020.

- **Transportation:**

- **Goal:** *Develop and maintain a balanced, efficient, and safe transportation system.*
- **Priority Objective:** *Increase funding for transportation for local road rehabilitation to increase the rate at which local roadways are rehabilitated.*
- **Implementation:** This proposed budget maintains \$750,000 for road rehabilitation, up 150% from \$500,000 in FY 2020-2021, to allow more dollars for roadway resurfacing and to partially adjust funds for inflation costs related to construction materials including asphalt.

- **Water Quality and the environment:**

- **Goal:** *Maintain the City's environmental stewardship by reducing the negative impacts of pollutants on water bodies.*
- **Priority Objective:** *Increase water and reclamation infrastructure funding to ensure our facilities operate at optimal capacity and efficiency.*
- **Implementation:** This proposed budget contains \$10,150,000, an increase of \$3.16 million from FY 2021-2022, for essential capital infrastructure repair, replacement, and improvement projects that ensure the City remains an excellent environmental steward of our water bodies and their tributaries.

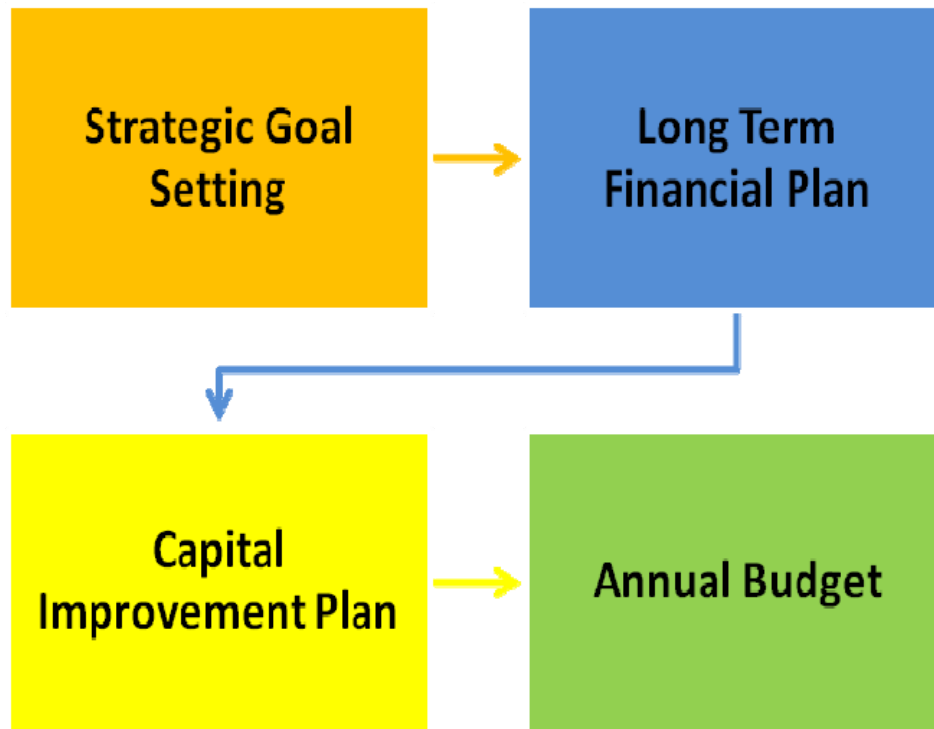
This proposed budget serves the citizens of the community well by providing the funds necessary to maintain and improve infrastructure, ensure qualified and responsive fire and police protection, and offer amenities that define our community through committed, dedicated, and exceptional employees that remain steadfast in our goal to provide the highest quality service.

Respectfully Submitted,

Joyce Shanahan
City Manager

Strategic Goal Setting & Financial Planning Process

Long-term Financial Planning is based on the strategic goals set forth by the City Commission and is used to inform the Capital Improvement Plan process and the annual budget preparation process.



The strategic goal setting and financial planning process consists of the following components:

- City Commission Strategic Planning Workshop
- Financial Trends Analysis
- Capital Improvement Workshop
- Proposed Budget Workshop

Strategic Planning

The City of Ormond Beach, population 40,000, is a beachside community on the east coast of Central Florida that prides itself on providing a high quality of life for all. As nearby communities have transformed into densely populated and congested areas, Ormond Beach has strategically managed growth to retain its charm and character. Instrumental in this effort is the city's long history of engaging residents to help shape their community.

In 2015, as economic recovery started to gain momentum, the city conducted two community workshops in which Ormond Beach residents shared their dreams and aspirations for the future of the city. Because of the importance in gathering input at this critical time, the city launched a partnership with the Florida Institute of Government at the University of Central Florida to facilitate the workshops called "community conversations." The facilitator summarized the information from the workshops and incorporated it into the City Commission's formal strategic planning process.

Utilizing this information, key strategic goals were developed and tracked through the City Commission agenda process. In 2016 & 2017, working again with UCF, the City Commission evaluated the progress of and updated the key strategic goals.

In 2018, the City of Ormond Beach conducted an extensive citizen engagement process, The OB Life, to fully engage the community to help determine the kind of city Ormond Beach would be in the future. A series of six community forums were held addressing community development; transportation and livable communities; environment and water quality; public safety; leisure and culture; and economic development. Nearly 700 people attended the meetings where they heard presentations from 17 speakers, participated in small group discussions, and posed more than 600 questions which are all answered by city staff and posted on the city's website.

This comprehensive process provided community education and gathered valuable input that guided the discussions of the Mayor and City Commissioners during the strategic planning workshop held on February 27, 2019, which was also attended by the City Manager, City Attorney and the city's senior staff.

Using the information gathered from participants in The OB Life series, the Commissioners identified strategic issues the city should address along with specific objectives for the city to accomplish in the next few years. The final activity of the workshop was for the City Commission to select and refine priority objectives for implementation.

Following is a summary of the discussions and conclusions reached at the workshop.

GOAL AREA: COMMUNITY DEVELOPMENT

GOAL STATEMENT:

To ensure the charm and rich history of our community is well maintained through orderly development and redevelopment utilizing existing infrastructure, including utility service areas outside the City's municipal boundaries.

Priority Objective

Develop an annexation policy for future growth

Progress Measures:

- Number of parcels available for voluntary annexation
- Number of parcels in Volusia County ISBA area suitable for annexation
- Number of properties outside city limits with water and sewer agreements
- Development of annexation policy
- Execution of annexation agreements
- Analysis of service delivery costs

Other Objectives

Complete Downtown Master Plan Update

Identify and develop strategies to deal with future impacts of Daytona Beach development that borders the south side of SR40 West

GOAL AREA: ECONOMIC DEVELOPMENT

GOAL STATEMENT:

To ensure the economic health and vitality of the City of Ormond Beach by providing an environment allowing businesses to thrive through retention, expansion, and attraction.

Priority Objective

Continue attracting and retaining high wage jobs/businesses to the city—development of Ormond Crossings

Progress Measures:

- Number of Business Recruitments
- Number of Business Expansions
- Number of Business Retentions

Other Objectives

Identify and develop pad ready sites at airport and Ormond Crossings

Negotiate with County to expand CRA along A1A to Daytona Beach

Construct open access road between Business Park and Pineland Trail

Continue economic development incentive program

Develop PILOT (Payment in Lieu of Taxes) Policy

GOAL AREA: GOVERNANCE

GOAL STATEMENT:

To build and maintain strong governance practices internally and externally through continued civic engagement efforts with residents, effective management and operational policies, and strategic partnerships with other governments and agencies to support the city's directions.

Priority Objective

Improve public information outreach—social media and other methods

Progress Measures:

- Hire Public Information Officer—June 2019
- Develop Social Media Strategy—August 2019
- Increased social media engagements—December 2019

Develop multi-year employment agreements with all three bargaining units

Progress Measures:

- New three-year agreements with the City's union

Make Ormond Beach a pet-friendly community—create an anti-tethering ordinance

Progress Measures:

- Anti-Tethering Ordinance Adopted

Other Objectives

Utilize Supervisor of Elections Office for campaign reporting—develop policy

Explore acquisition of new agenda management system and ADA accessibility compliance

Continue legislative advocacy program—Home Rule

GOAL AREA: PUBLIC SAFETY

GOAL STATEMENT:

To provide a safe and secure city that maintains a sense of security and responsiveness for all residents; by protecting and serving our community through the provision of effective, efficient and responsive emergency services.

Priority Objective

Complete feasibility study and identify funding options for new Police Station/Emergency Operations Center

Progress Measures:

- Completion of feasibility study—September 2019
- Completion of space needs analysis—January 2020
- Identify funding options—January 2021

Work with private sector to bring emergency services back to beachside

Progress Measures

- Identify community needs
- Identify available locations
- Meet with medical provider

Other Objectives

Purchase latest and up-to-date equipment for all first responders

Develop a long-range plan for purchase of emergency equipment and vehicles

GOAL AREA: QUALITY OF LIFE

GOAL STATEMENT:

To ensure Ormond Beach remains the crown jewel of central Florida, by providing for the quality, quantity and variety of passive and active recreation areas and facilities to serve the needs of our community.

Priority Objective

Update parks/recreation master plan including LED lighting, linear parks, and Central Park Expansion

Progress Measures

- Prepare Request for Proposals and award contract for Parks and Recreation Master Plan Study – May 2020
- Identify areas for Central Park expansion—September 2020
- Evaluate LED lighting projects for FY 2020-2021 CIP
- Evaluate Linear Parks for FY 2021-2022 CIP

Other Objectives

Complete Cassen Park Upgrade

Expand Activities at the Environmental Discovery Center

- Explore feasibility/funding for concrete pier, seek partners
- Complete feasibility/funding option for proposed uses of the church property
- Explore grant opportunities to restore and preserve Chief Tomokie Statue

Bring back Santa Land at The Casements

GOAL AREA: TRANSPORTATION

GOAL STATEMENT:

To develop and maintain a balanced, efficient and safe transportation system incorporating multi-modal strategies while working in conjunction with partners, including, other cities, county, and regional organizations, as well as state and federal partners.

Priority Objective

Work with County, State and Daytona Beach to develop Hand Ave. Extension

Progress Measures

- Include Hand Ave Extension in TPO 5 Year Plan
- FDOT Conduct preliminary design & environmental assessment
- FDOT Approve budget appropriation for design & engineering
- FDOT Approve budget for construction

Other Objectives

Add double left turn lanes on Beach Street going east onto Granada Blvd.

Redesign and rebuild I-95/US1 Interchange

Continue implementation of adaptive signalization system

Increase multi-modal transportation options—Virgin Train station, bike paths, ferry and pedi-cabs

GOAL AREA: WATER QUALITY & ENVIRONMENT

GOAL STATEMENT:

To maintain the City's environmental stewardship by reducing negative impacts of pollutants to waterbodies, such as the Halifax and Tomoka Rivers and their tributaries that decrease the quality of life of Ormond Beach residents.

Priority Objective

Septic to sewer - invest \$1M in phase one —Design and permitting of 700 homes on the North Peninsula

Progress Measures

- Include funding for design for Septic to Sewer in FY 2019-2020 CIP
- Present needs at State Local Legislative Delegation Meeting in September 2019
- Seek Legislative appropriation for design costs, March 2020
- Seek St. John's River Water Management Grants, March 2020

Other Objectives

Development of fertilizer ordinance

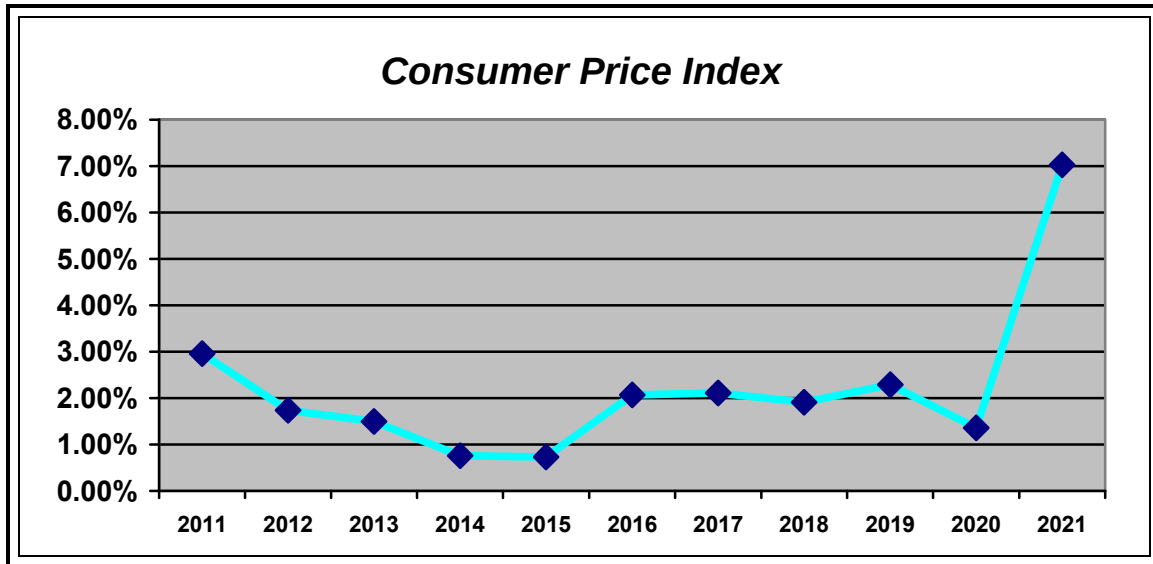
Expand reclaimed water system to other areas based upon availability and participation

Educating and eliminating use of plastics—straws, bottles, etc.

Financial Trends Analysis

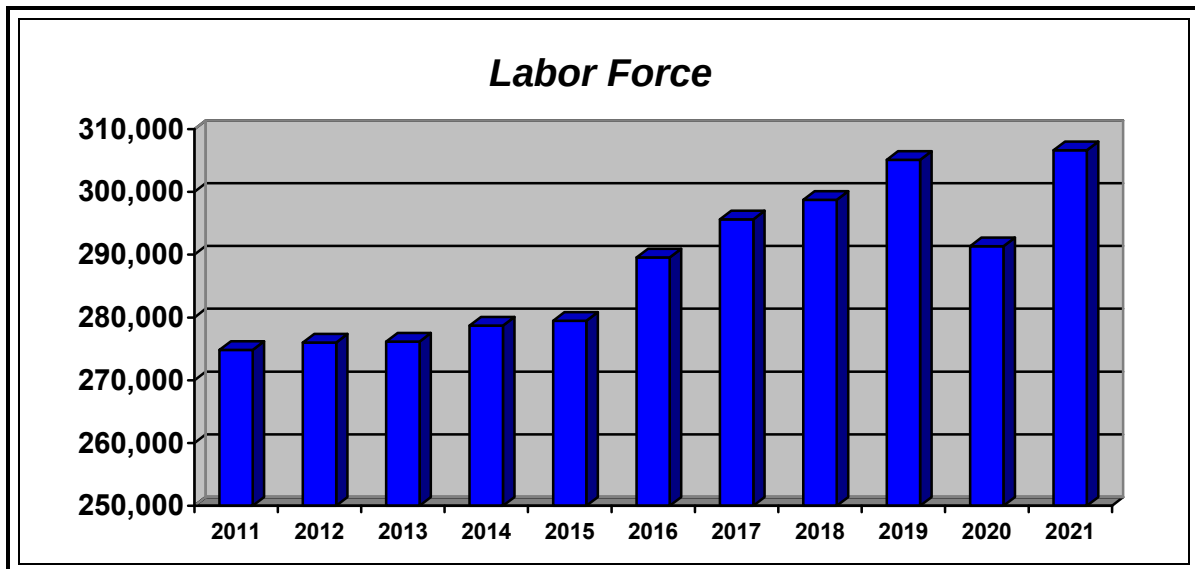
National Economy:

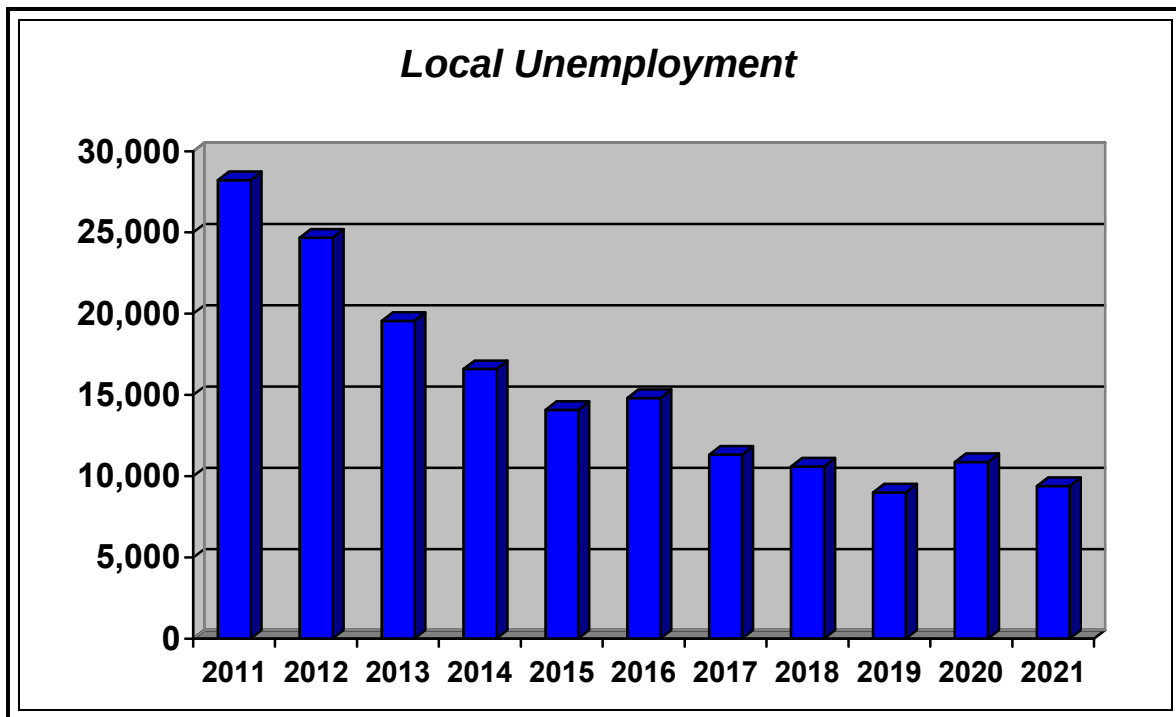
Economic indicators are useful for evaluating the environment within which the City operates. The Consumer Price Index (CPI), a widely used indicator of inflation prepared by the U.S. Bureau of Labor Statistics increased by 7.03% as of the end of calendar year 2021 as compared to 2010.



Local Economy:

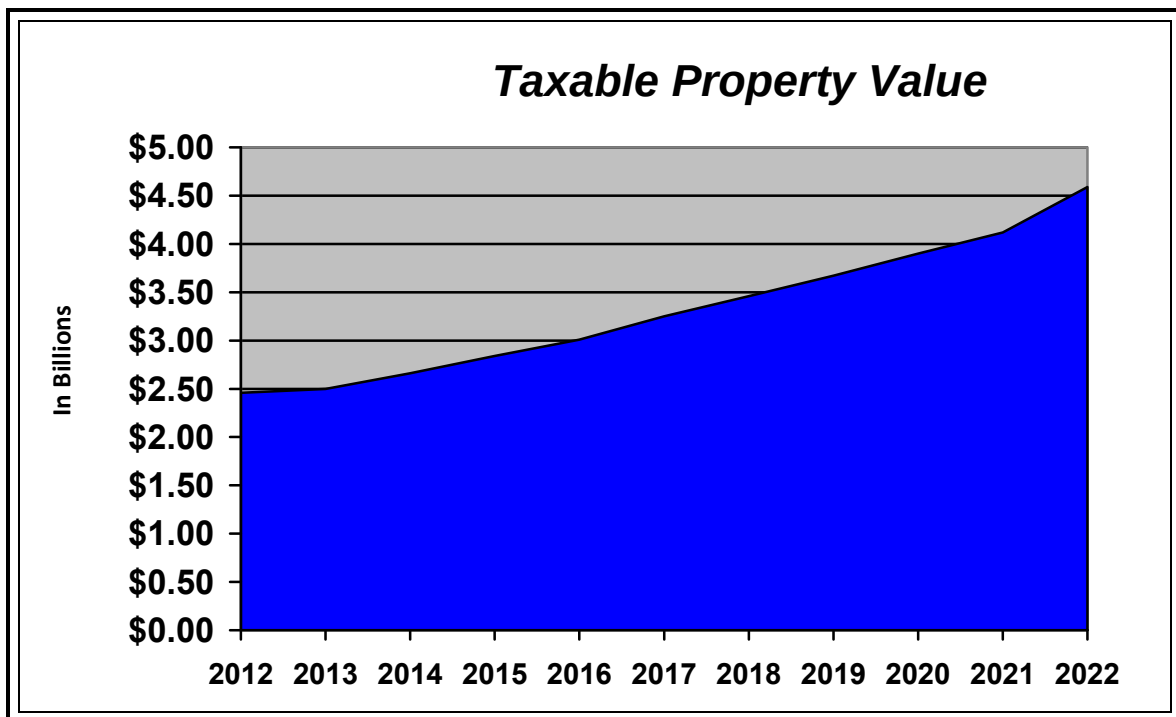
According to the U.S. Bureau of Labor Statistics, unemployment for the Deltona-Daytona Beach-Ormond Beach area has decreased by 48.5% from 2020 to 2021. As of December 2021, an estimated 9400 people locally were unemployed.





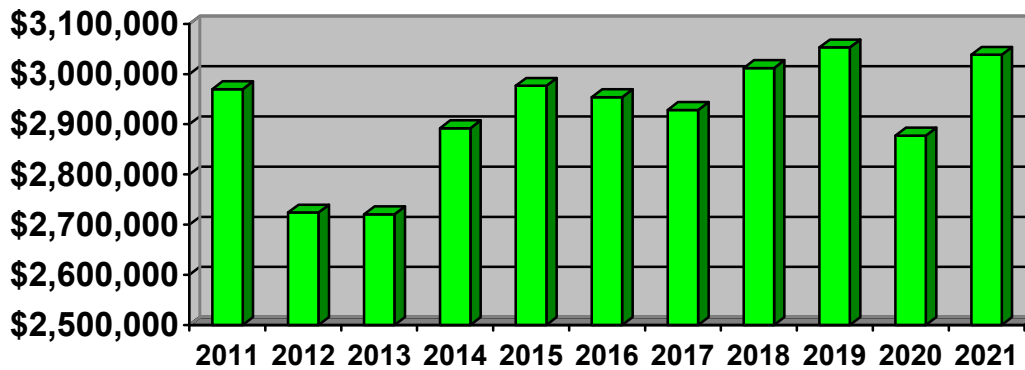
Major Revenue Sources:

The 2022 taxable value is \$4.59 billion, an increase of \$462 billion from 2021. The increase includes \$411 from existing properties and \$51 million from new construction and annexations.

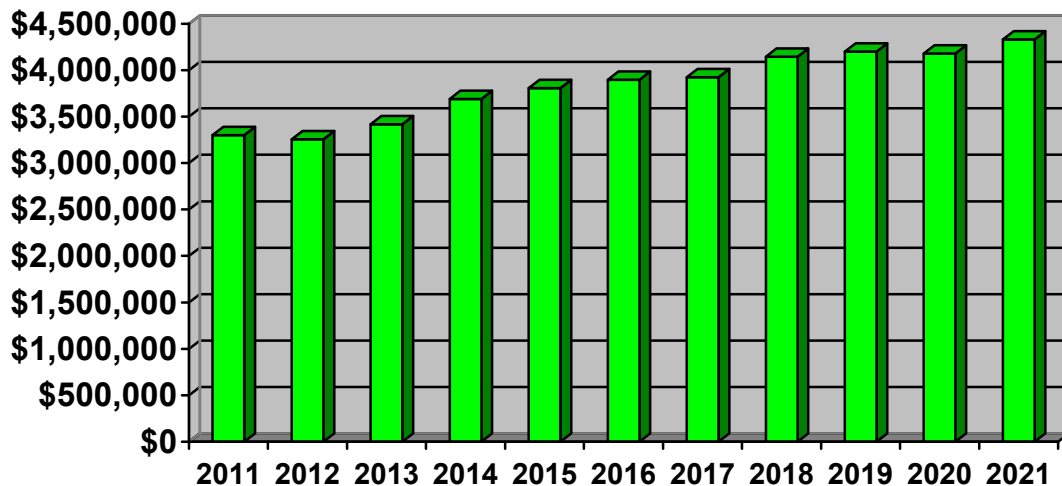


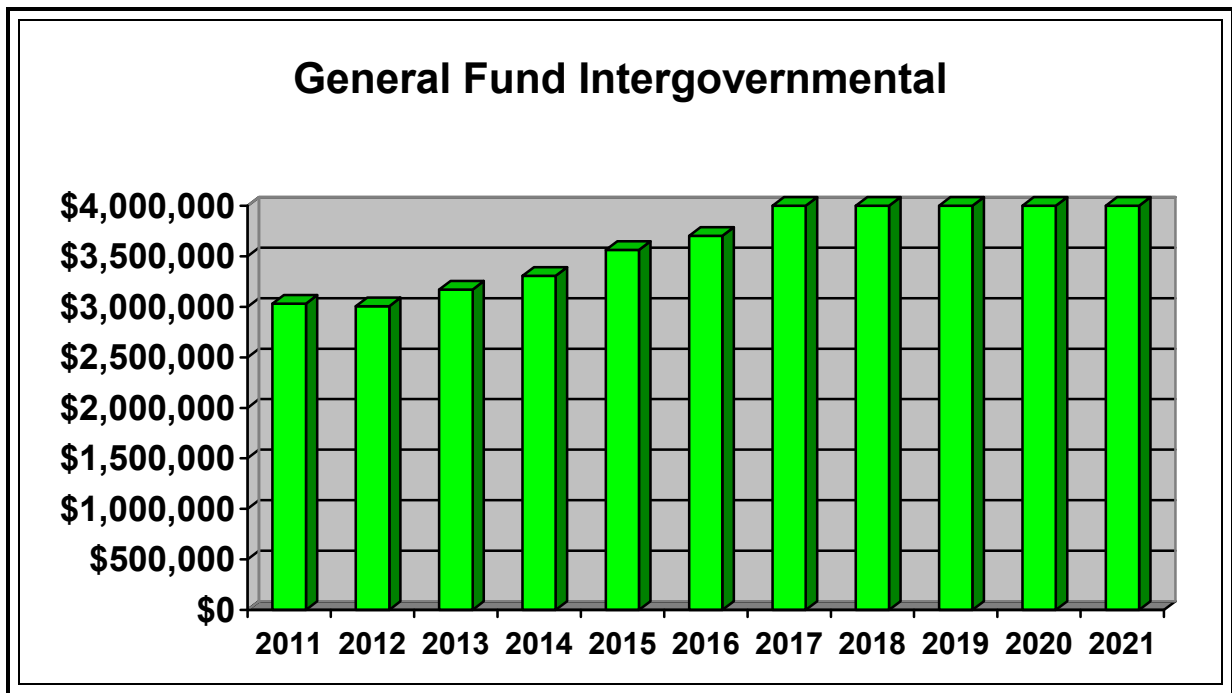
Aside from property taxes, the largest revenue sources consist of franchise fees, utility taxes, intergovernmental revenue and utility user fees are levied to fund the costs of certain activities or services. Franchise fees and utility taxes are generated from a surcharge on electric and natural gas. Intergovernmental revenue consists largely of sales tax passed through to local governments from the State. These revenues are expected to remain relatively stable.

General Fund Franchise Fees

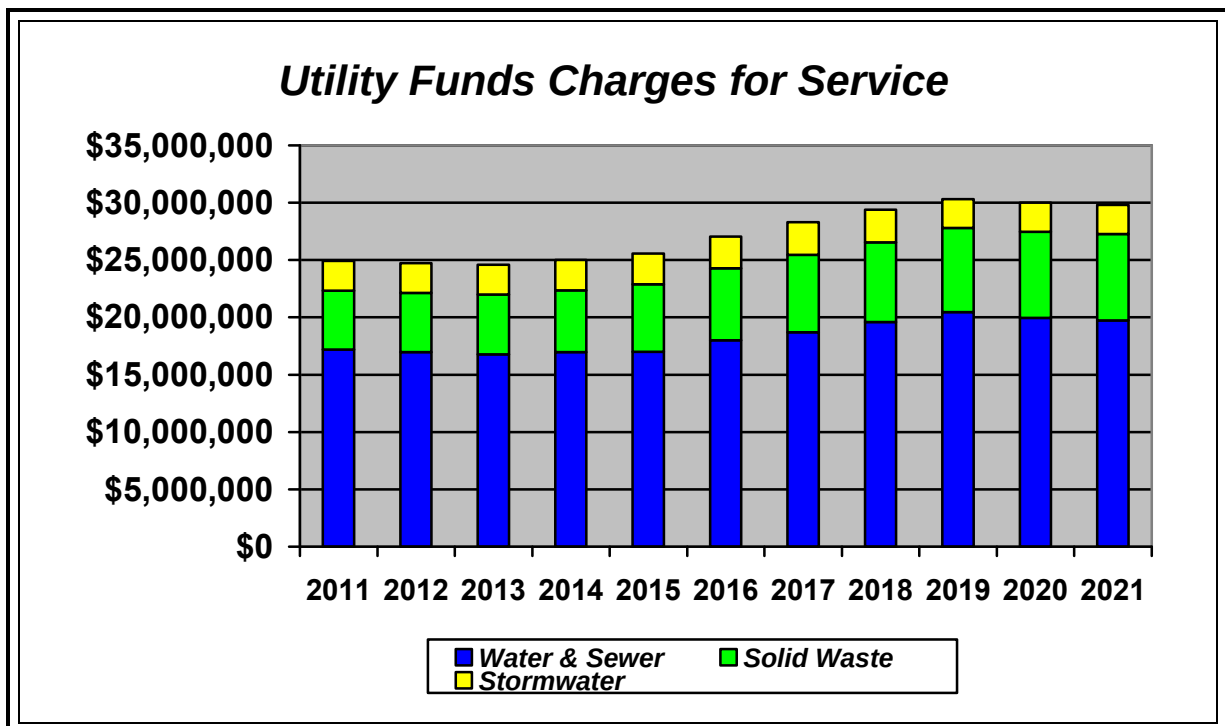


General Fund Utility Tax



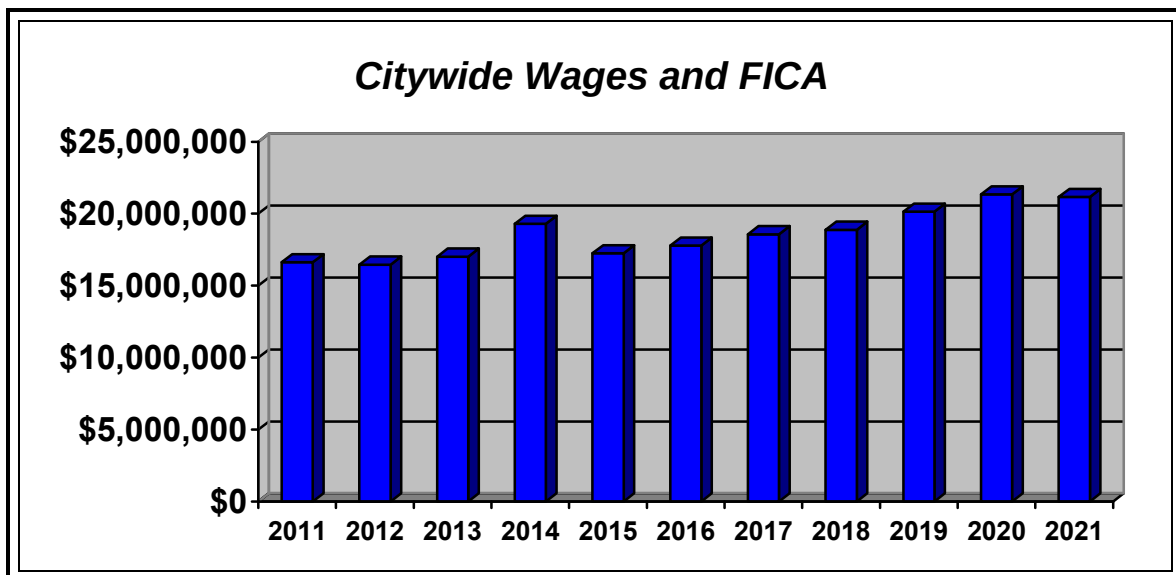
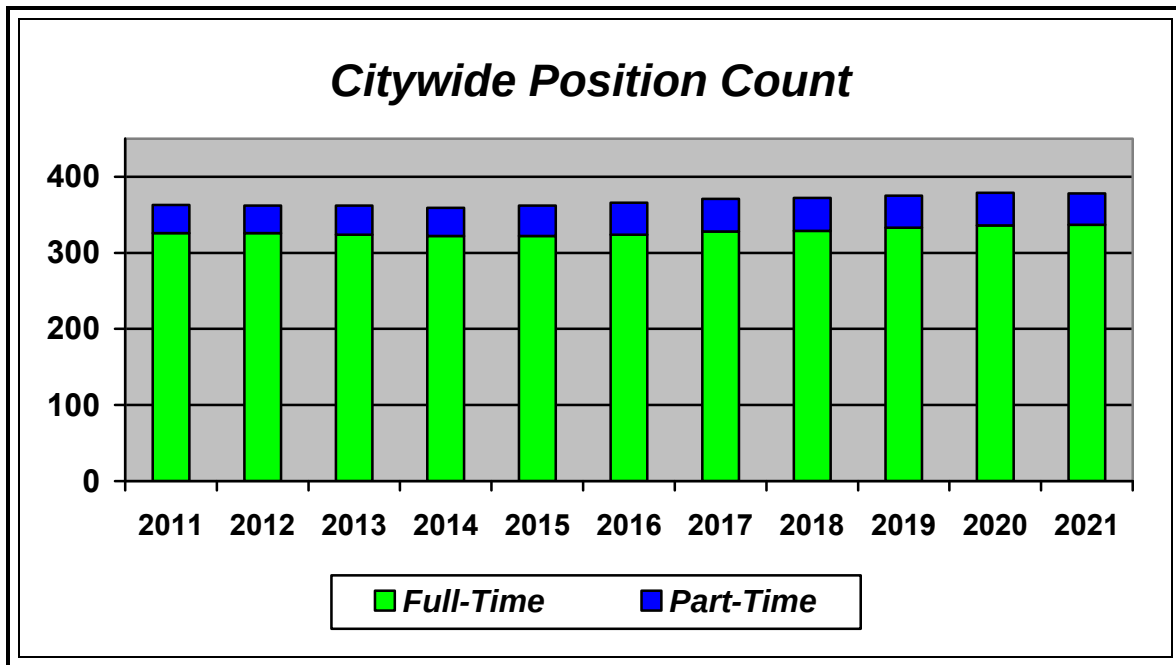


Stormwater fees are expected to remain steady. Water, Sewer and Solid Waste fees are expected to grow contingent upon approval of the recommended rate increases.

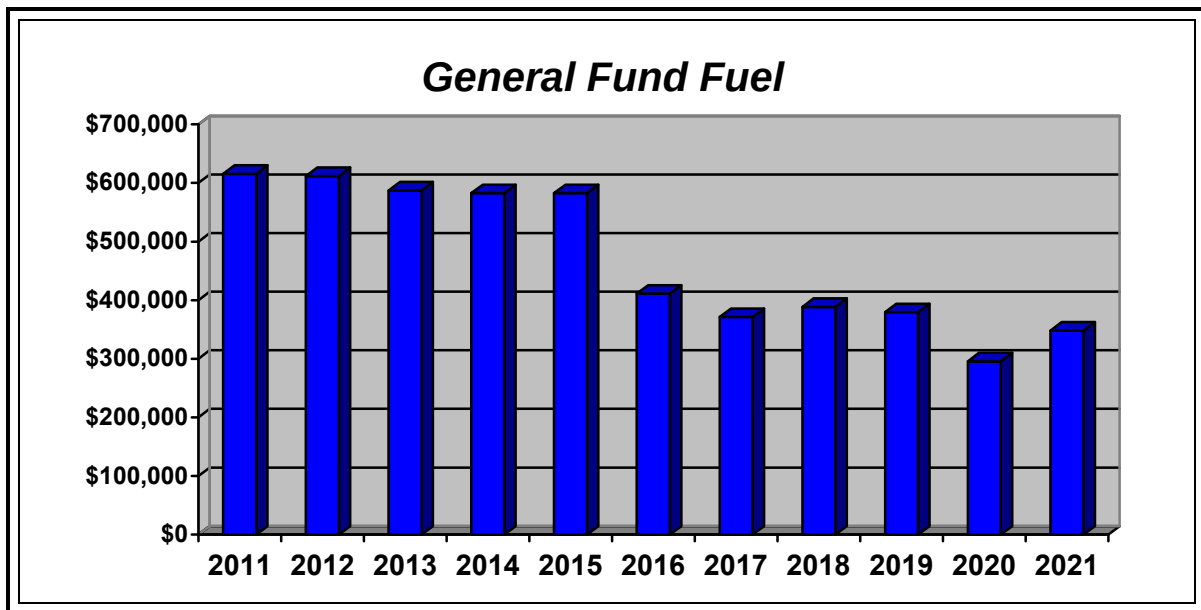
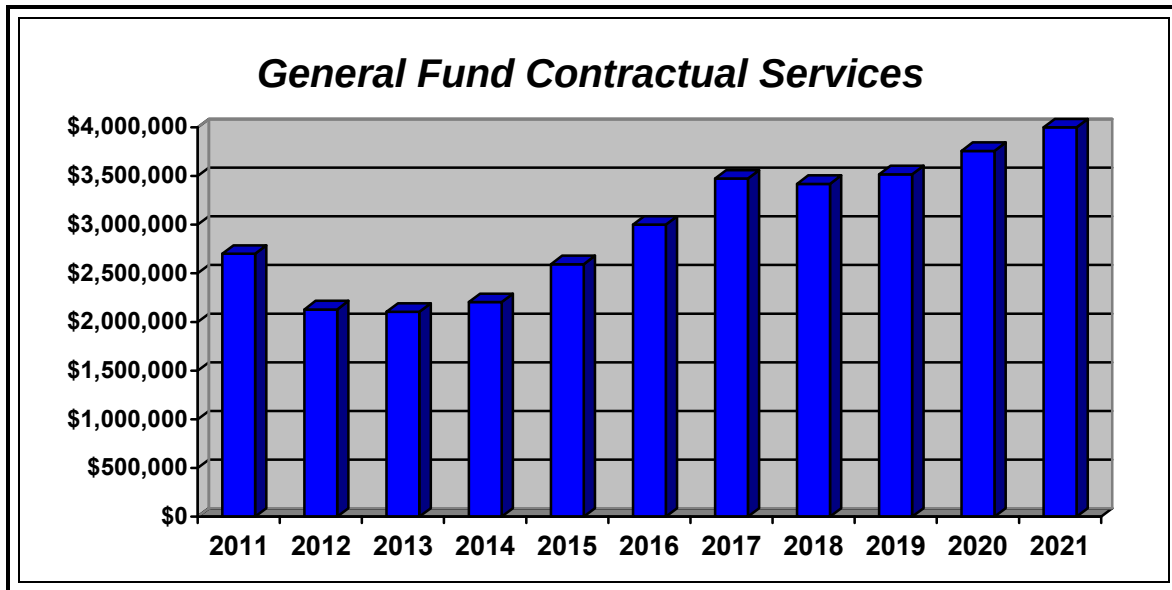


Major Expenditure Categories:

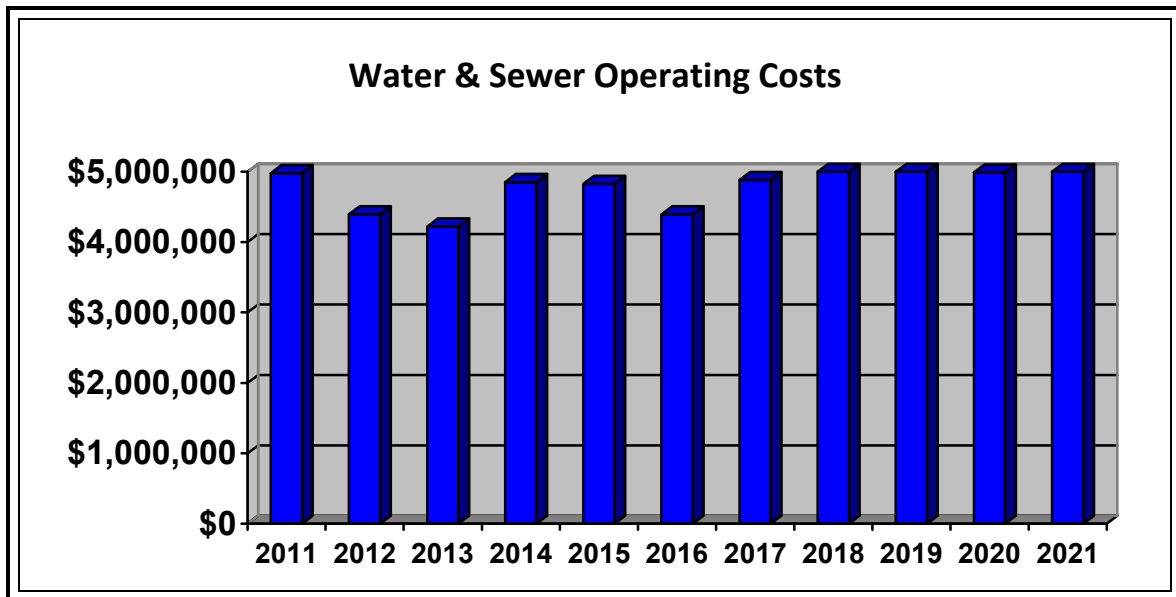
The number of positions has stayed relatively stable over the past ten years while the cost of wages has increased steadily consistent with the Collective Bargaining Agreements of the City's three unions.



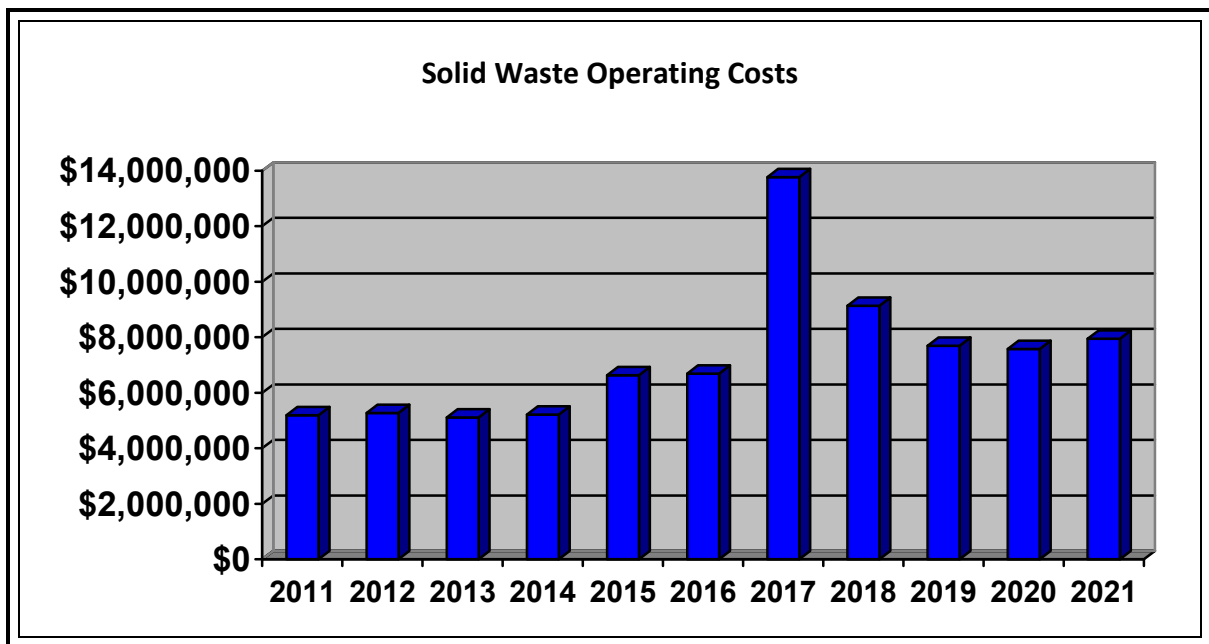
The category of contractual services is largely comprised of expenditures for landscaping medians and maintenance of the City's sports fields. These costs continue to rise. Fuel costs associated with the City vehicles also continue to rise.



Water & Sewer operating costs consist mainly of chemical and electric expenses associated with operations of the two plants. These costs have remained stable since 2017.



Solid Waste operating costs consist mainly of expenses paid to the contractual waste hauler for collection of trash and recycling. The costs increased significantly in 2017 when the City rebid the contract. Costs have remained steady since that time.



Budget Assumptions

Revenues

1. Conservative revenue estimates are utilized to allow for unanticipated changes in collection levels or economic deterioration. In the case of revenues distributed by the State such as sales tax and municipal revenue sharing, revenue estimates are based on information provided by the Legislative Committee on Intergovernmental Relations and the City's historical trends.
2. The budget was prepared using an operating millage rate of 3.9128 mills. The total millage, including debt, is 3.9978.
3. The budget includes a 3% increase in Leisure Service fees.
4. The budget was prepared without using General Fund Reserves for ongoing operations.

Expenditures

1. As a service provider, employee costs account for a significant portion of the City's budget. The budget has been prepared according to the following assumptions:
 - a. Retirement contributions – Necessary funding for retirement benefits has been included and is based upon the most recent annual actuarial evaluation. Total contributions amount to \$3.88 million, an increase of \$166,154.
 - b. A health insurance premium – The budget provides for estimated increases in healthcare cost and includes the continuation of the annual healthcare incentive.
2. Personnel changes include the following:
 - a. The budget includes the addition of five full-time positions: Police Lieutenant, Public Information Officer, SONC Recreation Leader, Casements Special Events Tech, and SCADA Tech. The budget also includes modifying two positions from part-time to full-time status: Police Evidence Tech Officers and Utility Locate Tech.
3. General fund contributions to outside agencies (not for profit) are as follows:

<u>Agency</u>	<u>Amount</u>
Crime Stoppers	\$ 600
Early Learning Coalition	\$ 7,440
Operation Caring Through Sharing	\$1,488
Homeless Initiative	\$82,000

Cost allocation/Transfers

The City's Engineering Division provides services to capital project funds such as Transportation, Stormwater, General Capital Improvements and Water/Wastewater. The cost allocation plan provides for a direct department charge in lieu of an interfund transfer resulting in more complete financial disclosure. Similarly, the Fleet division provides services for other departments and costs are allocated accordingly.

Budget Advisory Board Recommendation

The Budget Advisory Board reviewed the proposed FY 2022-23 budget on July 6th and recommends adoption as presented.

Capital Improvement Program Workshop

After the completion of strategic goal setting and financial trend analysis, the City develops the capital improvement program and presents it to the City Commission at a workshop.

Capital Improvement Program Workshop

After the completion of strategic goal setting and financial trend analysis, the City develops the capital improvement program and presents it to the City Commission at a workshop.

The City's Five-Year Capital Improvements Program represents a substantial effort to identify and schedule capital investments for a multi-year period. Departments submit capital improvement requests to the Finance Director (capital projects with a cost of \$25,000 or greater). The Finance Director and City Manager meet with departments to discuss their requests. The Leisure Services Advisory Board, Quality of Life Board, Aviation Advisory Board, and Public Works Board also provide recommendations for consideration. The proposed capital improvement plan is reviewed and finalized by the City Commission during a workshop in June. Projects recommended for funding in the next fiscal year are incorporated into the proposed annual budget. The CIP workshop focuses on the following areas:

- Developing a consensus with respect to appropriating the necessary funding for the upcoming budget years.
- Developing a consensus on the level of funding for property tax supported projects included in the following categories: Facilities Renewal and Replacement, General Capital Improvement and Transportation. Also discuss the addition of a dedicated millage for General Vehicle Replacement.
- Projects included in the CIP will be funded based on one or more of the following factors with maintenance or upgrade of existing facilities being the highest priority:
 - Involves necessary or planned maintenance, renovation or construction of an existing facility, equipment or infrastructure.
 - Reflects a prior multi-year commitment previously approved by the City Commission.
 - Enhances the use or appearance of an existing facility or City-maintained public area.
 - Included in a previous Master Plan or conceptual plan previously considered and endorsed or reviewed by the City Commission.

Budget Development and Workshop

Departments submit annual budget requests (personnel and operating) to the Finance Director in April. Department requests are reviewed by the City Manager and Finance Director. Thereafter, the proposed budget is provided to the City Commission for review prior to the budget workshop held in mid-July. This workshop is a culmination of the aforementioned planning workshops. Changes to the proposed budget and tax rate are discussed during this workshop. The tentative tax rate is approved by the City Commission during a regular meeting in July. The final tax rate and budget are approved by the City Commission in September.

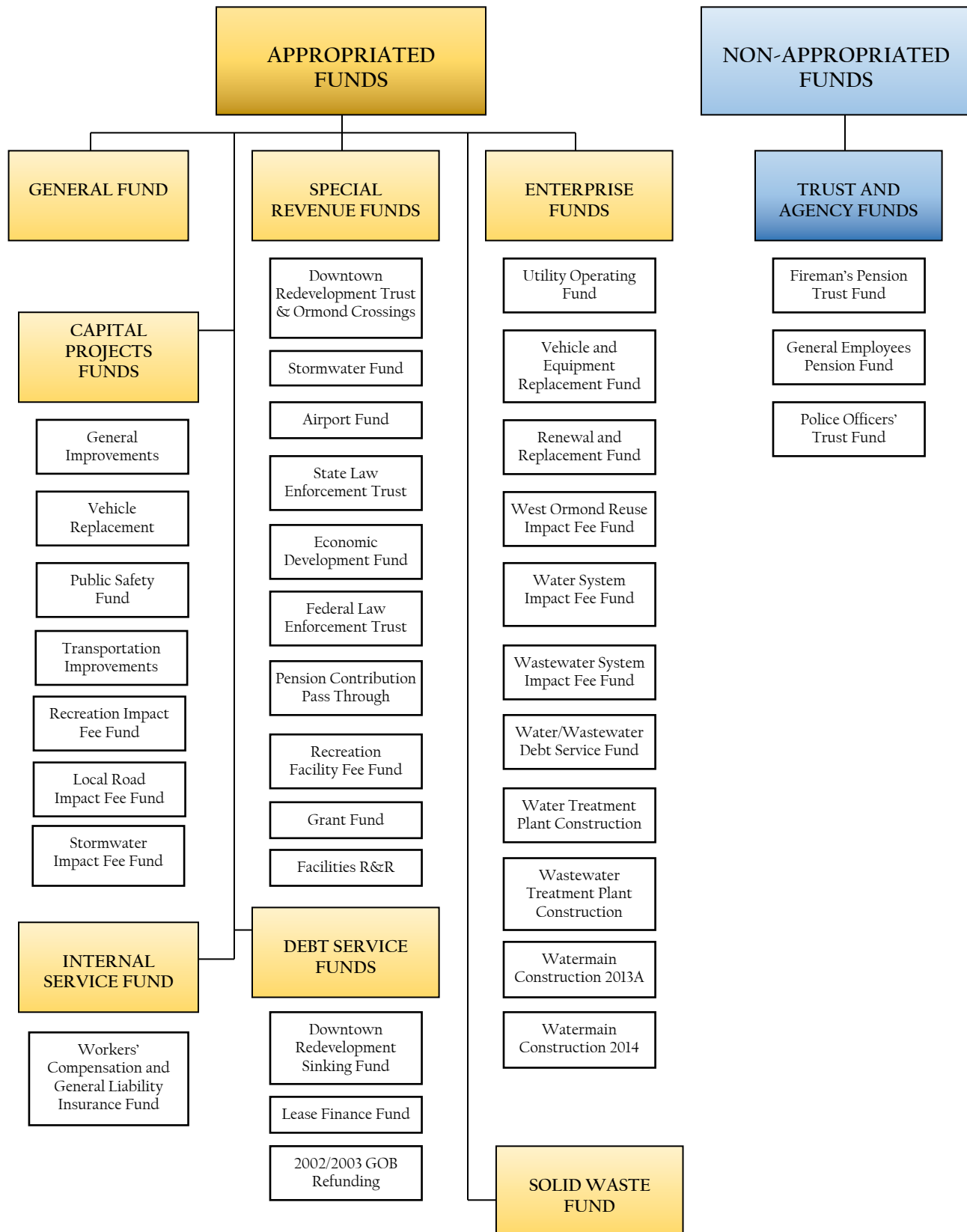
POLICIES
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BUDGET CALENDAR

DATE	ACTIVITY
May 6	Budget Requests due from Depts.
June 7	Capital Improvement Plan & Draft Budget submitted to City Commission
June 8	Budget Review with City Manager
July 1	Certification of taxable value submitted to City
July 8	Budget document submitted to City Commission
July 19	Operating Budget Workshop
July 19	Approval of tentative millage levy at regular City Commission meeting (7:00 at City Commission Chambers)
September 7	First Public Hearing to adopt proposed millage rates and budget
September 21	Second and Final Public Hearing to adopt Final millage rates and budget.

FUND STRUCTURE



MAJOR FUNDS

GOVERNMENTAL FUND TYPES

1. **General Fund** - The General Fund is the general operating fund of the City. It is used to account for all financial resources, except those required to be accounted for in another fund.

2. **Special Revenue Funds** - Special Revenue Funds are used to account for the proceeds of specific revenue sources (other than major capital projects) that are legally restricted to expenditures for specified purposes.
 - **Downtown Redevelopment Trust and Ormond Crossings Funds** - Used to account for tax increment proceeds received by the City within a specific district authorized by state statute.
 - **Stormwater Drainage Utility Fund** - The fund's purpose is to provide maintenance to the City's existing stormwater drainage system. Revenues are provided from user charges assessed to utility customers.
 - **Municipal Airport Fund** - The fund accounts for the financial activities of the Ormond Beach Airport. The airport was deeded to the City in 1959. The agreement restricts the use of the land and revenues derived from aviation related purposes. The airport is funded through rentals and lease revenues, grant revenues and transfers from the General Fund.
 - **Local Law Enforcement Trust Fund** - Used to account for proceeds generated by confiscation activities of the Police Department. Expenditures are restricted for law enforcement purposes only.
 - **Economic Development Fund** - This fund accounts for the City's proceeds of land sales and development costs associated with the City's airport business park.
 - **Federal Law Enforcement Trust Fund** - Used to account for proceeds generated by confiscation activities of the Police Department. Expenditures are restricted for law enforcement purposes only.
 - **Pension Contribution Pass Through** - Used to account for State contributions to the Police and Fire pension funds.
 - **Recreational Facility Use Fee Fund** - This fund accounts for impact fees assessed against users of recreation and cultural facilities within the City. Use of these funds is limited to expansion of those facilities.
 - **Grant Funds** - This fund accounts for proceeds of federal and state financial assistance and related capital expenditures.
 - **Facilities Renewal and Replacement** - This fund accounts for dedicated tax revenue used to maintain City facilities.

3. **Debt Service Funds** - Debt Service Funds are used to account for the accumulation of resources for, and the payment of, general long-term debt principal, interest and related costs.

- **Financing Debt Service Fund** - This fund records principal and interest payments on various capital lease and notes payable obligations. Revenue sources include interest on investments and transfers from the General Fund.
 - **2002 General Obligation Debt Service Fund** - This fund records principal and interest payments on Series 2002 General Obligation Bonds. Revenues include ad valorem property taxes and interest on investments.
 - **2003 General Obligation Debt Service Fund** - This fund records principal and interest payments on Series 2003 General Obligation Bonds. The proceeds of this debt issue were utilized to construction Fire Station #92. Revenues include ad valorem property taxes and interest on investments.
 - **2004 Revenue Bonds** - This fund records principal and interest payments on Series 2004 Revenue Bonds. The proceeds of this bond issue were used to construct Fire Station #91.
 - **2010 General Obligation Debt Service Fund** - This fund records principal and interest payments on Series 2010 General Obligation Bonds. The proceeds of this debt issue were utilized to construction a beachfront park
4. **Capital Projects Funds** - Capital Projects Funds are used to account for financial resources to be used for equipment replacement or the acquisition or construction of major capital facilities (other than those financed by proprietary funds and trust funds).
- **Capital Improvement Fund** - This fund is used to account for capital assets acquisitions and construction from general government resources and intergovernmental grants.
 - **Equipment Renewal and Replacement Fund** - This fund accounts for replacement of existing capital assets provided by general government resources.
 - **Public Safety Vehicle & Equipment Fund** - This fund accounts for replacement of vehicles and equipment for public safety provided by general government resources.
 - **Transportation Improvements Fund** - This fund is used to account for transportation related capital infrastructure acquisition and construction from general government resources.
 - **Recreation Facilities Impact Fee Fund** - This fund accounts for impact fees assessed and collected against new construction activities. Use of funds is restricted for expansion of existing recreational facilities or construction of new recreational facilities.
 - **Local Roads Impact Fee Fund** - This fund accounts for impact fees assessed against new construction activities. Use of these funds is restricted for expansion of existing local roadway links or construction of new local roadways.
 - **Stormwater Drainage Impact Fee Fund** - This fund accounts for impact fees assessed against new construction activities. Use of these funds is restricted for expansion of existing stormwater management facilities or construction of new stormwater management facilities.

PROPRIETARY FUND TYPES

1. **Enterprise Funds** - Enterprise Funds are used to account for operations that are financed and operated in a manner similar to private business enterprises--where the intent of the governing body is that the costs (expenses, including depreciation) of providing goods or services to the general public on a continuing basis be financed or recovered primarily through user charges; or where the governing body has decided that periodic determination of revenues earned, expenses incurred, and/or net income is appropriate for capital maintenance, public policy, management control, accountability, or other purposes.
 - **Water and Wastewater Fund** - This fund is used to account for general water and sewer operations. The primary source of funding is user charges to water and sewer customers.
 - **Water and Wastewater Vehicle and Equipment Replacement** - This fund accounts for replacement of existing vehicles and equipment for the benefit of Water and Wastewater.
 - **Water and Wastewater Renewal and Replacement** - This fund accounts for replacement of existing capital assets for the benefit of Water and Wastewater.
 - **Water and Wastewater Debt Service** - Used to account for principal and interest payments resulting from the issuance of revenue bonds and other forms of debt.
 - **West Ormond Reuse Impact Fee** - This fund accounts for impact fees assessed against new construction activities. Use of these funds is restricted for expansion and construction of reuse facilities.
 - **Water Impact Fee** - This fund accounts for impact fees assessed against new construction activities. Use of these funds is restricted for expansion and construction of water facilities.
 - **Wastewater Impact Fee** - This fund accounts for impact fees assessed against new construction activities. Use of these funds is restricted for expansion and construction of wastewater facilities.
 - **Water Treatment Plant Construction** - This fund accounts for the construction costs associated with the expansion of the water treatment plant.
 - **Wastewater Treatment Plant Construction** - Used to account for the construction costs associated with the rehabilitation and expansion of the wastewater treatment plant and wastewater system.
 - **Watermain Construction 2013A** - This fund accounts for construction costs associated with the first phase of the 2-inch watermain replacement program.
 - **Watermain Construction 2014** - This fund accounts for construction costs associated with the second phase of the 2-inch watermain replacement program.
 - **Solid Waste Fund** - Used to account for activities associated with the removal of trash and debris. Expenditures are funded through user charges to customers.
2. **Internal Service Fund** - The Internal Service Fund is used to account for the financing of goods or services provided by one department or agency to other departments or agencies of the City, or to other governments, on a cost-reimbursement basis.

- **Workers Compensation Fund** - This fund is used to account for expenditures associated with providing workers compensation coverage to employees.
- **General Liability Insurance Fund** - This fund is used to account for expenditures associated with providing general liability coverage to employees.

FIDUCIARY FUND TYPES

1. **Trust and Agency Funds** - Trust and Agency Funds account for assets held by the City in a trustee capacity or as an agent for individuals, private organizations, other governments, and/or other funds. *These funds are not included in the adopted budget.*
 - **Firemen's Pension Fund** - Used to account for employee and employer contributions towards the Firemen's pension fund.
 - **Police Officer's Pension Fund** - Used to account for employee and employer contributions towards the Police Officer's pension fund.
 - **General Employee's Pension Fund** - Used to account for employee and employer contributions towards the General Employee's pension fund.

FINANCIAL POLICIES

The accounting policies of the City of Ormond Beach conform to generally accepted accounting principles as applicable to governments. The following is a summary of the most significant accounting and budgeting policies.

FUND ACCOUNTING

The accounts of the City are organized on the basis of funds and account groups, each of which is considered a separate accounting entity. The operations of each fund are accounted for with a separate set of self-balancing accounts that comprise its assets, liabilities, fund equity, revenues and expenditures, or expenses, as appropriate. Government resources are allocated to and accounted for in individual funds based upon the purposes for which they are to be spent and the means by which spending activities are controlled. The purposes of the City's various funds and account groups are as follows:

1. BASIS OF BUDGETING

The *basis of budgeting* for all funds is the same as the basis of accounting noted below.

2. BASIS OF ACCOUNTING

Basis of accounting refers to when revenues and expenditures or expenses are recognized in the accounts and reported in the financial statements. Basis of accounting relates to the timing of the measurements made, regardless of the measurement focus applied.

All Governmental Funds are accounted for using the modified accrual basis of accounting. Under the modified accrual basis, revenues are recognized when they become measurable and available as net current assets. Revenues that are susceptible to accrual include taxes, intergovernmental revenues, charges for services and investment earnings. Expenditures are generally recognized under the modified accrual basis of accounting when the related fund liability is incurred. Exceptions to this general rule include principal and interest on general long-term debt which are recognized when due.

All Proprietary Fund Types and Pension Trust Funds are accounted for using the accrual basis of accounting. Their revenues are recognized when earned and expenses are recognized when incurred.

BUDGET POLICIES

1. BALANCED BUDGET

The City will adopt a balanced budget annually. A balanced budget occurs when revenues plus use of available fund balance equals expenditures with individual funds.

2. BUDGET TRANSFERS AND AMENDMENTS

➤ Administrative Approval of Intra-departmental Budget Transfers

Any budget transfer between line item expenditures accounts (personnel service, operating, and capital outlay) that does not increase or decrease the approved total appropriation of a department within the same fund and is less than \$25,000 shall be reviewed by the Budget Director and approved by the City Manager or her designee.

➤ Commission Approval of Budget Transfers

The following budget transfers shall be approved by a majority vote of the City Commission:

- Transfers of \$25,000 or more
- All interfund transfers

➤ Commission Approval of Budget Amendments

The following budget amendments shall be approved by Resolution by a majority vote of the City Commission:

- Recognition of non-budgeted and unanticipated revenues received during the fiscal year.
- Any increase or decrease in appropriated fund balance.
- Any increase or decrease in the total approved appropriation of a fund.

REVENUE GUIDELINES

The City employs the following revenue guidelines as part of the budget development process:

1. The General Fund operating budget millage rate will be based on a 96% tax collection rate as computed against the Current Year Gross Taxable Value as shown on Form DR-420 provided to the City by the Volusia County Property Appraiser.
2. The City will annually review Charges for Service to ensure that the fee structure, at a minimum, maintains the current level of cost recovery.
3. Ensure that fees charged in enterprise operations are calculated at a level that will support all direct and indirect costs of the enterprise.
4. Ensure that the basis for computing indirect cost allocations are reviewed annually and are based on prudent and defensible assumptions.
5. Revenue projections for all major non-ad valorem revenue sources will be based on prudent trend analysis that considers current and projected economic conditions. Budget projections for State-shared revenues will consider State of Florida estimates that are contained in the Local Government Financial Information Handbook as one of several factors for determining final revenue estimates.
6. Ensure that the City does not accept any revenue source whose terms of acceptance or collection may adversely affect the City.
7. The use of revenues which have been pledged to bond holders will conform to bond covenants which commit those revenues.
8. The undesignated fund balance in the General Fund will be maintained at no less than 15% of the total General Fund budget exclusive of budgeted reserves for contingency.
9. Water and Wastewater Impact fees will be set at a level that recovers the highest percentage of the cost of future capacity as permitted by law.
10. In financing capital improvements through the use of General Obligation Bonds, the City shall limit outstanding indebtedness to no more than 5% of current gross taxable value.

APPROPRIATION GUIDELINES

1. The City Commission adopts the annual budget at the fund level, whereas department managers prepare their respective budgets at the program level and allocate appropriations to specific line items in order to provide services at the current level of service.
2. Personnel services are estimated based on collective bargaining provisions governing salary adjustments, whereas salary adjustments for non-bargaining unit employees are based on parameters defined by the City Manager and approved by the City Commission. Pension amounts are based on the defined level of funding as determined by the city's actuary. Health insurance premiums for employee coverage are estimated based on current market conditions that affect annual premium adjustments.
3. The emphasis in preparing the annual budget is on the development of performance outcomes and the relationship of those outcomes to providing the current or enhanced level of service and the budget resources needed to accomplish the identified service level.
4. The budget request for all programs will include an itemized list of capital equipment with a unit value of \$5,000 or more and a separate line item appropriation for vehicle depreciation that will fund future replacement of city vehicles and heavy equipment based on the vehicle replacement schedule developed by the Fleet Manager and Finance Director.
5. Annually, the City Manager will have a comprehensive Five Year Capital Improvements Program (CIP) developed for review and approval by the City Commission. The Five Year CIP will identify and schedule priority capital improvements and provide recommended financing and the estimated operating budget impact for each project.
6. The level of classification detail at which expenditures may not legally exceed appropriations is the fund level. Department Directors and Division Managers are held accountable for their respective budgets at the program level.
7. Encumbrances outstanding at year-end represent the estimated amount of the expenditures ultimately to result if unperformed contracts/receipt of goods or services in process at year-end are completed. Such encumbrances do not constitute expenditures or liabilities, but rather reservations of fund balance for subsequent years' appropriation.
8. Debt service millage will be set at levels which will generate sufficient revenue to make all required principal and interest payments.

CITY OF ORMOND BEACH FUND BALANCE POLICY

1. INTRODUCTION

Sound financial principles dictate that adequate fund balance will be maintained in order to reduce the risks associated with revenue shortfalls, natural disasters, and unanticipated expenditures. As such, the City hereby establishes a Fund Balance policy in accordance with Governmental Accounting and Standards Board Statement (GASB) No. 54.

2. FUND BALANCE CLASSIFICATIONS

- **Non-Spendable Fund Balance** - Amounts that cannot be spent because of the following reasons:
 - not in spendable form
 - legally or contractually required to be maintained intact. Non-Spendable Fund Balance includes items such as inventory, prepaid expenses, and long-term receivables.
- **Restricted Fund Balance** - Amounts constrained to being used for specific purposes by external parties. Examples of constraints on use of fund balance include those imposed by debt covenants, enabling legislation, and grantors.
- **Committed Fund Balance** - Amounts that can be used only for the specific purposes determined by formal action of the City Commission. The specific purpose may only be altered or removed by the City Commission taking the same formal action used to originally impose the constraint. The balance must be determined by the close of the fiscal year.
- **Assigned Fund Balance** - Amounts intended to be used for a specific purpose. The intended purpose may be determined by the City Commission, City Manager, or Finance Director.
- **Unassigned Fund Balance** - This classification represents any fund balance that has not been classified as non-spendable, restricted, committed, or assigned.

3. MINIMUM LEVEL OF UNASSIGNED FUND BALANCE (GENERAL FUND)

The City will attempt to maintain unassigned fund balance of 15% of budgeted annual expenditures for the current year in the General Fund. Unassigned fund balance in the General Fund which is in excess of the 15% target may be used for any purpose designated by the City Commission as set forth in the annual budget and subsequent budget amendments. The City will attempt to avoid use of unassigned fund balance for recurring expenditures.

If, after the annual audit, the unassigned fund balance is determined to be below 15%, the Finance Director will notify the City Commission. The Finance Director will provide a plan to reduce expenditures and/or increase revenues in order to restore the fund balance with a timeframe determined by the City Commission.

4. CLASSIFICATION OF FUND BALANCE (GENERAL FUND)

➤ **Non-Spendable Fund Balance:**

- Advances to Other Funds-Advances made by the General Fund to address negative balances in other funds.
- Prepaids
- Inventories

➤ **Restricted Fund Balance**

Restricted fund balance reserves in the General Fund consist of:

- Frazier Trust-Funds held by the City for use by the Ormond Memorial Art Museum to establish an endowment as stipulated in the final judgment entered by Judge Rouse on July 21, 1997.

➤ **Committed Fund Balance**

- Ormond Beach Sports Complex-Funds received from the Volusia County School Board in connection with an agreement dated October 21, 2008 and approved by the City Commission with Resolution 2008-202.

➤ **Assigned Fund Balance**

The City Commission hereby establishes the following assigned fund balance reserves in the General Fund:

- Assignment to Subsequent Year's Budget-Assigned fund balance may be designated for use in the subsequent year's budget by the City Commission, City Manager or Finance Director to appropriate a portion of unassigned fund balance for the purpose of eliminating projected deficits.

➤ **Unassigned Fund Balance**

The City Commission hereby establishes the following unassigned fund balance reserves in the General Fund:

- Revenue Stabilization - The City hereby establishes a budget stabilization fund of \$2 million. The budget stabilization fund will be utilized to ensure adequate funding is available to maintain services during periods of significant revenue declines (both anticipated and unforeseen). Furthermore, the reserve can be used to address unfunded mandates.

The use of budget stabilization reserves which may be appropriated in the subsequent year's budget is limited to \$1 million or 50% of the revenue stabilization fund balance available.

Use of unassigned fund balance will be authorized by the City Commission through approval of a budget ordinance in conjunction with the annual budget process or budget amendment.

- General Fund- The City will attempt to maintain unassigned fund balance of 15% of budgeted annual expenditures for the current year. This balance is in addition to the Revenue Stabilization fund balance.

5. SPENDING ORDER OF FUND BALANCES

Restricted amounts will be used first unless there is a legal prohibition to doing so. The City will then utilize committed fund balance followed by assigned fund balance. Unassigned fund balance will be used last.

The Revenue Stabilization balance will only be used to provide funding for existing services/programs and unfunded mandates when current revenues are insufficient. General Fund Unassigned Fund Balance will be used in all other cases which include funding for one-time expenditures/capital projects and increases in service levels/programming.

6. LEVEL OF AUTHORITY

Committed Fund balance may only be established and revised by approval of the City Commission. The remaining reserve levels and policies herein may be revised and approved by the City Manager or Finance Director.

7. EFFECTIVE DATE

This Policy took effect immediately upon adoption and will be applied beginning with the preparation of the City's September 30, 2011 Comprehensive Annual Financial Report and adoption of the City's Fiscal Year 2011-12 Budget.

CITY OF ORMOND BEACH PURCHASING POLICY

1. INTRODUCTION

This document serves to provide uniform purchasing procedures for all individuals authorized to make purchases on behalf of the City of Ormond Beach. Every employee involved in the purchasing process is required to adhere to the requirements of this document as well as Chapter 2, Article IX, Division 3 of the City of Ormond Beach Code of Ordinance which outlines the regulations applicable to procurement by City employees.

2. NEW VENDORS

The purchaser must submit the New Vendor Request form when making purchases from vendors who have not previously done business with the City.

3. PURCHASING PROCEDURES

- Purchases exceeding \$25,000 require issuance of an invitation to bid or RFP:
 - Bid/RFP specifications are to be submitted to the Purchasing Coordinator for review along with a Bid/RFP Request Approval form.
 - Once the specifications have been approved, the Purchasing Coordinator will advertise the bid/RFP and post to DemandStar.
 - All bids/RFP's and corresponding amendments will be provided exclusively through DemandStar unless other arrangements are approved by the Purchasing Coordinator.
 - Recommendations for award will be determined as follows:
 - For invitations to bid, the Contract Manager will determine the lowest qualified, responsive, and responsible bidder.
 - For RFP's, a review committee will determine which proposal is deemed appropriate for recommendation of award.
 - A recommendation for award (via a CM memo) will be prepared by the Contract Manager and submitted to the Finance Director for approval. Once approved, the CM memo will be forward to the City Attorney and City Clerk for placement on the appropriate agenda.
- Purchases \$2,500-\$25,000:
 - The purchaser will obtain three written quotations.
- Purchases \$501-\$2,499:
 - The purchaser will obtain three verbal quotations.
- Special Purchasing Issues:
 - Sole source procurement where there is only one source for the required item(s) or service(s).
 - The purchaser must submit a Sole Source Procurement form to the Purchasing Coordinator prior to making such purchases.
 - The Sole Source Procurement form will be posted on DemandStar for ten days prior to making such purchases.

- Emergency procurements may be authorized by the Finance Director when there exists a threat to public health, welfare or safety; provided that such emergency procurements shall be made with such competition as is practicable under the circumstances.
 - The purchaser must submit a memo to the Finance Director outlining the need to make an emergency purchase in advance of making such purchase.
- Change orders
 - If the cumulative value is less than \$25,000, City Commission approval is NOT required prior to the authorization of additional work. The City Commission will be notified upon completion of the project of the total change order amount.
 - If/when the cumulative value exceeds \$25,000, City Commission approval must be received prior to the authorization of additional work.

4. PURCHASE REQUISITIONS

- Purchase requisitions should be entered for ALL items/services with the following exceptions:
 - Travel reimbursement-In lieu of a purchase requisition, employees should submit a Travel Request Voucher and applicable supporting documentation prior to undertaking any travel. **An employee may elect to pay the cost of travel and receive reimbursement thereafter or have payment made directly to the appropriate vendors.**
 - Debt Service payments
 - Reimbursements to employees, civic organizations, entertainers
 - Refunds
 - Employee/Retiree benefit payments
 - Waste Management monthly disbursements
- Except as noted above, no purchases shall be made until a purchase requisition has been entered and all approvals have been received.
- Education reimbursement is first approved by submittal of the Education Reimbursement Request form. Once all necessary signatures have been obtained, a purchase requisition should be entered.
- All vendors who are providing services to the City must be licensed accordingly. It is the purchaser's responsibility to contact the City's building division and validate that the vendor has obtained all applicable business licenses.
- The purchaser is expected to verify that the vendor chosen has met the applicable insurance requirements as specified in Resolution 2011-116 dated 8/16/11.
 - Insurance requirements can be found in the New Vendor attachment.
 - Existing insurance certificates will be maintained by the Risk Manager and are available for review by the purchaser at S:\VendorInsurance

- If a valid insurance certificate is not available at S:\VendorInsurance, it is the purchaser's responsibility to obtain the necessary certificate(s) and email the certificate(s) to the Risk Manager.
 - Once the Risk Manager has received the necessary insurance certificate(s), she will approve the requisition.
- If the purchase requires obtainment of written quotations, the quotations must be emailed to the Purchasing Coordinator. All quotations (whether verbal or written) should be documented within the electronic purchase requisition.

5. REQUEST FOR PAYMENT

- Invoices submitted to the Finance Department for payment should include:
- Two signatures, one of which is a Department Head, Division Manager, or Supervisor/Foreman.
 - For purchases made with a purchase order:
 - Complete the receipts processing in Naviline.
 - Write the purchase order number on the invoice.
 - For purchases made without a purchase order, write the account number(s) on the invoice.
 - All invoices must be received by Tuesday at noon for payment on Friday of the same week.

6. CREDIT CARD USAGE

In the event a purchase can only be made via a credit card, the purchaser must first obtain the approval of the Finance Director and Purchasing Coordinator by submitting the Credit Card Approval form.

CITY OF ORMOND BEACH INVESTMENT POLICY

1. The City of Ormond Beach is hereby authorized to invest funds under its control, which are in excess of those funds required to meet short-term expenses, in the following instruments, and may divest itself of such investments, at prevailing market prices or rates, subject to the limitations stated:
 - a) The Local Government Surplus Funds Trust Fund, or any intergovernmental investment pool authorized pursuant to the Florida Interlocal Cooperation Act, as provided in Section 163.01, Florida Statutes;
 - b) Securities and Exchange Commission registered money market funds with the highest credit quality rating from a nationally recognized rating agency;
 - c) Savings accounts in state-certified qualified public depositories, as defined in Section 280.02, Florida Statutes;
 - d) Certificates of deposit in state-certified qualified public depositories, as defined in Section 280.02, Florida Statutes;
 - e) Direct obligations of the U.S. Treasury; and
 - f) Federal instrumentalities. Agencies and instrumentalities.
2. The securities listed in subparagraphs (c), (d), (e), and (f) of Paragraph 1 shall be invested to match investment maturities with known cash needs and anticipated cash-flow requirements.
3. This Investment Policy shall not apply to pension funds, trust funds, or funds related to the issuance of debt, provided that there are other existing policies or indentures in effect for such funds.

The complete policy can be found in the appendix of this document.

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ALL FUNDS SUMMARY

The FY 2022-23 budget includes total net appropriations of \$90.9 million

ALL FUNDS SUMMARY			
Description	Actuals FY 2020-21	Budget FY 2021-22	Budget FY 2022-23
General Fund (001)	34,930,752	37,753,928	41,522,489
Special Revenue Funds:			
Downtown Redevelopment Trust Fund (104)	629,211	2,129,601	1,437,353
Ormond Crossings Trust Fund (106)	-	255,461	296,171
Stormwater Utility Fund (107)	2,545,970	2,531,000	2,525,500
Airport Fund (108)	616,239	2,657,240	288,998
Local Law Enforcement Trust Fund (109)	-	65,800	-
Economic Development Fund (110)	45,059	-	1,112,000
State Law Enforcement Trust Fund (112)	-	-	-
Pension Contribution Pass Through Fund (113)	761,537	800,000	800,000
Recreation Facility Fee Fund (115)	10,697	41,600	50,275
Grants Fund (116)	404,761	-	-
Total Special Revenue Funds	5,013,474	8,480,702	6,510,297
Debt Service Funds:			
Financing Debt Service Fund (205)	752,004	730,798	651,688
2002 GOB Debt Service Fund (209)	-	-	-
2003 GOB Debt Service Fund (210)	113,658	114,934	118,674
2004 Revenue Bond Fund (211)	156,568	157,000	162,202
2010 Beachfront Park Bond Fund (220)	364,145	352,747	352,327
Total Debt Service Funds	1,386,374	1,355,479	1,284,891
Capital Improvement Funds:			
Capital Improvements Fund (301)	1,009,304	534,075	2,190,745
Equipment Renewal & Replacement Fund (302)	1,702,536	421,363	347,000
Public Safety Vehicle & Equipment Fund (305)	-	2,148,225	934,000
Transportation Improvements Fund (308)	1,987,261	2,835,677	2,262,489
Recreational Impact Fee Fund (310)	5,457	125,000	215,000
Local Road Impact Fee Fund (316)	5,457	60,000	89,000
Facilities Renewal & Replacement Fund (317)	882,715	693,000	506,470
Stormwater Impact Fee Fund (318)	5,457	25,000	50,000
Total Capital Improvement Funds	5,598,187	6,842,340	6,594,704
Water and Wastewater Funds:			
Water and Wastewater Fund (401)	22,745,673	21,810,055	24,001,431
Vehicle Replacement Fund (408)	275,049	200,000	368,000
Renewal & Replacement Fund (409)	3,176,291	7,627,865	9,494,412
Water/Wastewater Consolidated Debt Service Fund (414)	931,069	5,228,000	4,753,500
West Ormond Reuse Impact Fee Fund (433)	-	-	850,000
Water System Impact Fee Fund (434)	13,193	520,000	725,000
Wastewater System Impact Fee Fund (435)	-	400,000	4,300,000
Total Water and Wastewater Funds	27,141,273	35,785,920	44,492,343
Solid Waste Fund (460)	9,367,768	9,444,232	9,827,200
Workers Compensation Fund (502)	1,060,692	801,612	801,612
General Liability Fund (504)	1,197,011	1,260,253	1,460,253
TOTAL BUDGET APPROPRIATION	85,695,531	101,724,466	112,493,789
Less: Interfund Transfers	(21,584,716)	(16,025,406)	(16,200,585)
Fleet Operations (Internal Service Charges)	(1,385,695)	(1,380,289)	(1,908,683)
Engineering (Internal Service Charges)	(971,756)	(1,088,022)	(1,201,983)
Consolidated Insurance Fund (Internal Service Charges)	(226,387)	(2,061,865)	(2,261,865)
TOTAL NET BUDGET	61,526,977	81,168,884	90,920,673

BUDGET SUMMARY

BUDGET THREE YEAR SUMMARY CITY OF ORMOND BEACH, FLORIDA

REVENUES	Actuals FY 2020-21	Budget FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Taxes	23,446,604	23,815,350	25,251,629	1,436,279	6.03%
Licenses and Permits	7,487,259	6,808,950	8,086,625	1,277,675	18.76%
Intergovernmental Revenue	6,870,609	12,741,472	9,158,013	(3,583,459)	-28.12%
Charges for Service	33,427,445	33,842,665	35,030,065	1,187,400	3.51%
Fines and Forfeitures	156,696	73,000	73,000	-	0.00%
Miscellaneous Revenues	6,586,284	3,195,271	4,035,023	839,752	26.28%
TOTAL SOURCES	77,974,897	80,476,708	81,634,355	1,157,647	1.44%
Transfers In	18,209,913	16,025,406	16,200,585	175,179	1.09%
Bond Proceeds and Other Sources	0	5,222,352	14,658,849	9,436,497	180.69%
TOTAL REVENUES, TRANSFERS AND BALANCES	96,184,810	101,724,466	112,493,789	10,769,323	10.59%
EXPENDITURES	Actuals FY 2020-21	Budget FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
General Government Services	24,755,042	17,791,128	11,747,587	(6,043,541)	-33.97%
Public Safety	18,316,673	18,110,320	21,008,315	2,897,995	16.00%
Physical Environment	22,321,266	28,970,150	35,347,047	6,376,897	22.01%
Transportation	6,743,676	9,594,699	8,783,979	(810,720)	-8.45%
Economic Environment	337,009	382,023	1,512,799	1,130,776	296.00%
Human Services	162,513	191,528	291,528	100,000	52.21%
Leisure Services	7,784,524	6,758,294	8,979,882	2,221,588	32.87%
Debt Service	10,757,274	800,000	6,001,464	5,201,464	650.18%
TOTAL EXPENDITURES	91,177,977	82,598,142	93,672,601	11,074,459	13.41%
Transfers Out	16,238,883	16,025,406	16,200,585	175,179	1.09%
Contingency	0	3,100,918	2,620,603	(480,315)	-15.49%
TOTAL APPROPRIATED EXPENDITURES, RESERVES AND BALANCES	107,416,860	101,724,466	112,493,789	10,769,323	10.59%

CHANGE IN FUND BALANCE

Description	Estimated Beginning Fund Balance	Budget Revenue FY 2022-23	Budget Expenditures FY 2022-23	Use of Fund Balance	Estimated Ending Fund Balance
GENERAL FUND (001)	7,367,205	39,437,062	41,522,489	2,085,427	5,281,778
SPECIAL REVENUE FUNDS					
DOWNTOWN REDEVELOPMENT TRUST FUND (104)	-	1,437,353	1,437,353	-	0
ORMOND CROSSINGS TRUST FUND (106)	300,000	296,171	296,171	-	300,000
STORMWATER UTILITY FUND (107)	7,400,000	2,525,500	2,525,500	-	7,400,000
AIRPORT FUND (108)*	(700,000)	189,573	288,998	99,425	(799,425)
LOCAL LAW ENFORCEMENT TRUST FUND (109)	-	-	-	-	0
ECONOMIC DEVELOPMENT FUND (110)	412,000	700,000	1,112,000	412,000	0
STATE LAW ENFORCEMENT TRUST FUND (112)	6,000	-	-	-	6,000
PENSION CONTRIBUTION PASS THROUGH (113)	-	800,000	800,000	-	0
RECREATION FACILITY FEE FUND (115)	390,000	50,275	50,275	-	390,000
GRANTS FUND (116)	50,000	-	-	-	50,000
TOTAL SPECIAL REVENUE FUNDS	7,858,000	5,998,872	6,510,297	511,425	7,346,575
DEBT SERVICE FUNDS					
FINANCING DEBT SERVICE FUND (205)	200,000	648,000	651,688	3,688	196,312
2002 GOB DEBT SERVICE FUND (209)	140,000	-	-	-	140,000
2003 GOB DEBT SERVICE FUND (210)	96,654	22,020	118,674	96,654	0
2005 REVENUE BOND FUND (211)	11,925	157,000	162,202	5,202	6,723
2010 BEACHFRONT PARK BONDS (220)	12,000	352,327	352,327	-	12,000
TOTAL DEBT SERVICE FUNDS	460,579	1,179,347	1,284,891	-	460,579
CAPITAL PROJECT FUNDS					
CAPITAL IMPROVEMENTS FUND (301)	700,000	2,190,745	2,190,745	-	700,000
EQUIPMENT RENEWAL AND REPLACEMENT FUND (302)	1,800,000	202,588	347,000	144,412	1,655,588
PUBLIC SAFETY VEHICLE & EQUIPMENT FUND (305)	600,000	-	934,000	299,811	300,189
TRANSPORTATION IMPROVEMENTS FUND (308)	3,000,000	1,686,470	2,262,489	576,019	2,423,981
RECREATION IMPACT FEE FUND (310)	100,000	215,000	215,000	-	100,000
LOCAL ROAD IMPACT FEE FUND (316)	1,100,000	89,000	89,000	-	1,100,000
FACILITIES RENEWAL & REPLACEMENT (317)	520,000	506,470	506,470	-	520,000
STORMWATER IMPACT FEE FUND (318)	450,000	50,000	50,000	-	450,000
TOTAL CAPITAL PROJECTS FUNDS	8,270,000	4,940,273	6,594,704	1,020,242	7,249,758

*Deficit is being funded through an advance from the General Fund

REVENUE HIGHLIGHTS

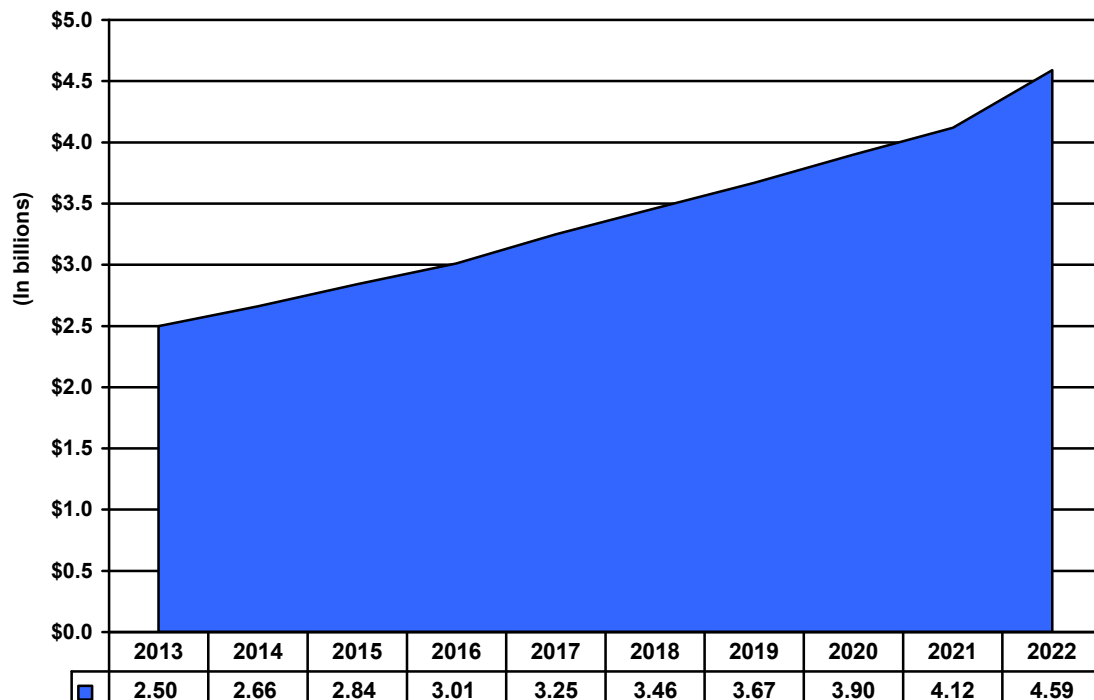
OVERVIEW:

Citywide net revenues and use of prior year's reserves for FY 2022-23 are budgeted at \$90,920,673.

TAXABLE VALUE:

The 2022 taxable value is \$4.59 billion, an increase of \$462 million from the 2021 taxable value. The increase in taxable value includes \$412 million from existing properties and \$50 million from new construction and annexations.

**Gross Taxable Value
Ten Year Trend**



PROPERTY TAX REVENUE & RATES:

General operating revenue available for general operations and capital improvements is estimated to be \$16.56 million.

Summary of Property Tax Rates

	FY 2021-22	FY 2022-23	FY 2021-22 Revenue	FY 2022-23 Revenue
General Fund	3.3478	3.2480	13,268,820.18	14,304,485.52
Facilities Renewal & Replacement	0.1270	0.1150	503,357.48	506,470.39
Capital Improvements	0.1020	0.0930	404,271.36	409,580.40
Vehicle & Equipment R & R	0.0510	0.0460	202,135.68	202,588.16
Transportation Improvements	0.1270	0.1150	503,357.48	506,470.39
Public Safety Fund	0.1580	0.1440	626,224.26	634,189.01
Subtotal - Operating Millage	<u>3.9128</u>	<u>3.7610</u>	<u>15,508,166.4366</u>	<u>16,563,783.8765</u>
2003 GOB	0.0290	0.0050	114,939.90	22,020.45
2010 GOB	<u>0.0890</u>	<u>0.0800</u>	352,746.58	352,327.23
Subtotal - Debt Millages	<u>0.1180</u>	<u>0.0850</u>		
Combined City Tax Rate	<u>4.0308</u>	<u>3.8460</u>		

The operating tax rate is proposed to be 3.7610 mills. The total tax rate (including debt service) is proposed at 3.8460 mills.

GENERAL FUND REVENUES

General Fund net revenues are budgeted to be \$38,411,823 million, an increase of \$3,126,206 from the previous year. The change includes an increase in property tax revenue of \$1,223,665 resulting from an increase in the taxable value. License and Permit revenue is expected to increase by \$437,000 and Intergovernmental Revenue is expected to increase from the prior year budget by \$807,000.

The largest components of General Fund revenue include:

- Property taxes (\$14.5 million)
- License and Permits (\$4.7 million)
- Intergovernmental revenues (\$4.9 million) which includes the half cent sales tax and municipal revenue sharing.
- Transfers to the General Fund (\$4.8 million)

DOWNTOWN REDEVELOPMENT FUND:

Tax increment proceeds are the primary revenue source for the Downtown Development Fund. The incremental taxable value of the district increased by \$14.5 million with 95% being captured within the fund. Revenue from tax increment proceeds are used for capital improvements within the district.

STORMWATER UTILITY FUND:

Revenues consist of stormwater user fees in the amount of \$2.5 million. The proposed budget assumes no increase in the monthly stormwater fee.

CAPITAL IMPROVEMENT FUND,

Pursuant to the City Commission's direction, the budget includes a dedicated millage for capital improvements which generates \$410,000 in property tax revenue.

VEHICLE/EQUIPMENT RENEWAL & REPLACEMENT:

Pursuant to the City Commission's direction, the budget includes a dedicated millage for capital improvements which generates \$202,000 in property tax revenue to fund General vehicles.

PUBLIC SAFETY VEHICLE/EQUIPMENT FUND:

In fulfillment of the City Commission's strategic plan, the budget includes a dedicated millage for public safety vehicle and equipment replacement established in FY 2021-22 which will generate \$626,000 in property tax revenue.

TRANSPORTATION FUND:

Pursuant to the City Commission's direction, the budget includes a dedicated millage for capital improvements which generates \$503,000 in property tax revenue.

FACILITIES RENEWAL & REPLACEMENT FUND:

Pursuant to the City Commission's direction, the budget includes a dedicated millage of for facilities renewal and replacement which generates \$503,000.

WATER AND WASTEWATER:

The primary revenue source of the Water and Wastewater Fund consists of user fees to customers both inside and outside the City. Water and sewer fees account for \$20.9 million.

Water/Wastewater Rate Increase History

Date	Increase	Water	Sewer	Amount
10/01/98	5.06%	\$ 14.15	\$ 19.04	\$ 33.19
10/01/02	2.47%	\$ 14.50	\$ 19.51	\$ 34.01
02/01/06	17.23%	\$ 17.00	\$ 22.87	\$ 39.87
10/01/06	5.99%	\$ 18.03	\$ 24.23	\$ 42.26
01/01/08	5.77%	\$ 19.07	\$ 25.63	\$ 44.70
10/01/08	5.97%	\$ 20.20	\$ 27.17	\$ 47.37
10/01/09	1.77%	\$ 20.56	\$ 27.65	\$ 48.21
10/01/10	2.57%	\$ 21.09	\$ 28.36	\$ 49.45
10/01/13	2.50%	\$ 21.62	\$ 29.08	\$ 50.70
10/01/15	3.94%	\$ 22.62	\$ 30.08	\$ 52.70
09/30/16	3.80%	\$ 23.62	\$ 31.08	\$ 54.70
10/1/2017	3.66%	\$ 24.62	\$ 32.08	\$ 56.70
9/30/2018	1.76%	\$ 25.12	\$ 32.58	\$ 57.70
10/01/21	1.80%	\$ 25.28	\$ 33.16	\$ 58.44
9/30/22	3.50%	\$ 26.47	\$ 34.33	\$ 60.80

WATER AND WASTEWATER RENEWAL & REPLACEMENT FUND:

Revenues of the Renewal and Replacement Fund include a transfer of \$3.67 million from the Water and Wastewater Operating Fund.

SOLID WASTE:

The primary revenue source is solid waste user fees (\$8.2 million). Rates needed to fund the proposed budget will take effect at the beginning of the fiscal year to offset the CPI adjustment to the garbage collection or recycling contract.

EXPENDITURE HIGHLIGHTS

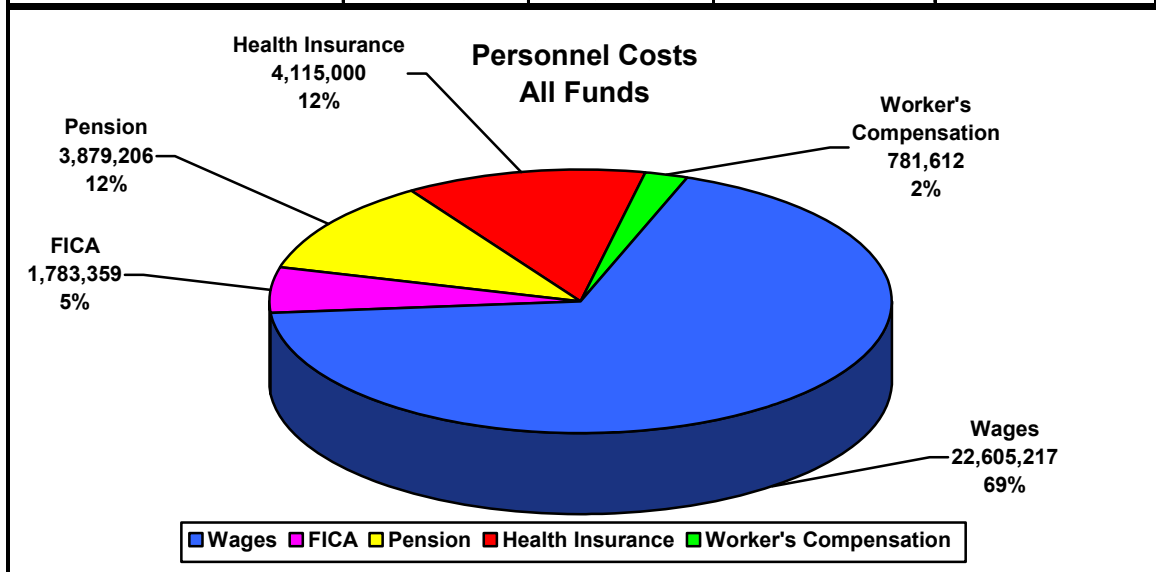
PERSONNEL COSTS:

Total personnel costs are budgeted to be \$33.2 million for FY 2022-23.

All Funds Wages and Benefits				
	Budget FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Wages	20,461,764	22,605,217	2,143,453	10.48%
FICA	1,595,062	1,783,359	188,297	11.80%
Pension/Deferred Comp.	3,713,052	3,879,206	166,154	4.47%
Health Insurance	3,617,330	4,115,000	497,670	13.76%
Worker's Compensation	781,612	781,612	-	0.00%
	30,168,820	33,164,394	2,995,574	9.93%

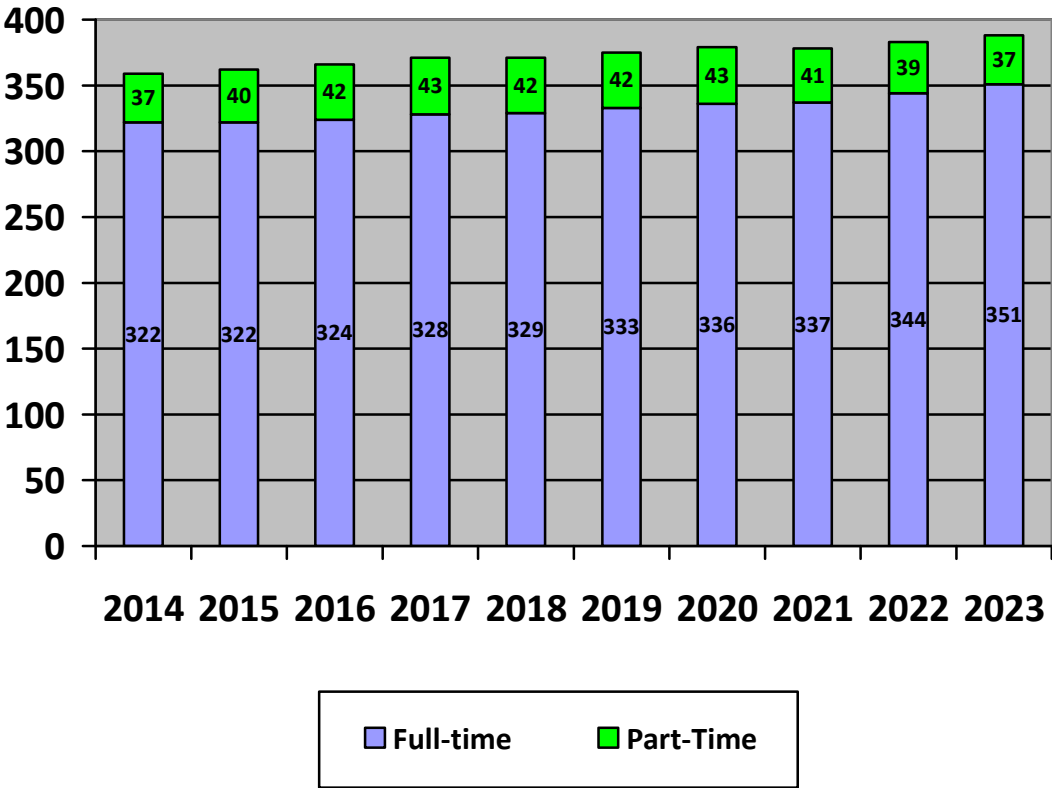
General Fund Wages and Benefits				
	Budget FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Wages	16,338,566	17,952,414	1,613,848	9.88%
FICA	1,281,168	1,427,418	146,250	11.42%
Pension/Deferred Comp.	3,289,543	3,397,125	107,582	3.27%
Health Insurance	2,726,191	3,108,812	382,621	14.04%
Worker's Compensation	621,912	621,912	-	0.00%
	24,257,380	26,507,681	2,250,301	9.28%

Other Fund Wages and Benefits				
	Budget FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Wages	4,123,198	4,652,803	529,605	12.84%
FICA	313,894	355,941	42,047	13.40%
Pension/Deferred Comp.	423,509	482,081	58,572	13.83%
Health Insurance	891,139	1,006,188	115,049	12.91%
Worker's Compensation	159,700	159,700	-	0.00%
	5,911,440	6,656,713	745,273	12.61%



POSITION COUNT HISTORY:

The budget includes 351 full-time positions and 37 part-time positions.



AUTHORIZED POSITIONS:

	FY 20-21			FY 21-22			FY 22-23		
	Full-time	Part-time		Full-time	Part-time		Full-time	Part-time	
Department / Division	Positions	Positions	FTE	Positions	Positions	FTE	Positions	Positions	FTE
Office of City Manager	4.00	-	4.00	4.00	-	4.00	4.00	-	4.00
Support Services	4.00	-	4.00	4.00	-	4.00	4.00	-	4.00
Office of City Attorney	5.00	-	5.00	5.00	-	5.00	5.00	-	5.00
Human Resources	3.00	-	3.00	3.00	-	3.00	3.00	-	3.00
Finance Department									
Budget/Finance	10.00	-	10.00	10.00	-	10.00	10.00	-	10.00
Utility Billing	12.00		12.00	12.00		12.00	12.00		12.00
Information Technology	7.00	-	7.00	7.00	-	7.00	7.00	-	7.00
Planning Department	5.00	1.00	5.60	5.00	1.00	5.60	5.00	1.00	5.60
Building Inspections/Permitting	11.00	-	11.00	12.00	-	12.00	12.00	-	12.00
Economic Development	1.00	-	1.00	1.00	-	1.00	1.00	-	1.00
Police Department	88.00	1.00	88.50	91.00	1.00	91.50	94.00	-	94.00
Neighborhood Improvement	6.00	-	6.00	6.00	-	6.00	6.00	-	6.00
Fire Department	48.00	-	48.00	48.00	-	48.00	48.00	-	48.00
Public Works Department									
Engineering	12.00	-	12.00	12.00	-	12.00	12.00	-	12.00
Streets and Roadside Mnt.	19.00	-	19.00	19.00	-	19.00	19.00	-	19.00
Fleet Operations	5.00	1.00	5.50	5.00	1.00	5.50	5.00	1.00	5.50
Page Subtotal	240.00	3.00	241.60	244.00	3.00	245.60	247.00	2.00	248.10

AUTHORIZED POSITIONS:

Department / Division	FY 20-21			FY 21-22			FY 22-23		
	Full-time	Part-time	FTE	Full-time	Part-time	FTE	Full-time	Part-time	FTE
	Positions	Positions		Positions	Positions		Positions	Positions	
Stormwater Maintenance	10.00	-	10.00	10.00	-	10.00	10.00	-	10.00
Utilities									
Water Production	21.00	1.00	21.50	21.00	1.00	21.50	22.00	1.00	22.50
Wastewater Treatment	13.00	-	13.00	13.00	-	13.00	13.00	-	13.00
Water Distribution	13.00	1.00	13.50	13.00	1.00	13.50	14.00	-	14.00
Wastewater Collection	13.00	-	13.00	13.00	-	13.00	13.00	-	13.00
Solid Waste									
Collection and Disposal	1.00	-	1.00	1.00	-	1.00	1.00	-	1.00
Recycling	-	-	-	-	-	-	-	-	-
Leisure Services									
Building Maintenance	7.00	1.00	7.50	7.00	1.00	7.50	7.00	1.00	7.50
Administration	6.00	1.00	6.50	6.00	1.00	6.50	6.00	1.00	6.50
Nova Community Center	1.00	5.00	3.50	1.00	5.00	3.50	1.00	5.00	3.50
South Ormond Neighborhood Center	1.00	3.00	2.50	1.00	3.00	2.50	2.00	3.00	3.50
Gymnastics	-	-	-	-	-	-	-	-	-
Athletic Field Maintenance	4.00	7.00	7.50	4.00	7.00	7.50	4.00	7.00	7.50
Parks and Grounds Mnt.	4.00	4.00	6.00	5.00	2.00	6.00	5.00	2.00	6.00
The Casements	1.00	5.00	3.50	1.00	5.00	3.50	2.00	5.00	4.50
Environmental Discovery Center	1.00	2.00	2.00	1.00	2.00	2.00	1.00	2.00	2.00
Performing Arts Center	1.00	5.00	3.50	1.00	5.00	3.50	1.00	5.00	3.50
Senior Center	-	1.00	0.50	-	1.00	0.50	-	1.00	0.50
Community Events	1.00	2.00	2.00	1.00	2.00	2.00	1.00	2.00	2.00
Airport	1.00	-	1.00	1.00	-	1.00	1.00	-	1.00
Total FTE	337.00	41.00	357.60	344.00	39.00	361.60	351.00	37.00	367.60

FY 21-22 Changes:

Position FTE

Full-time:

Add Police Lieutenant	1.00	1.00
Add Public Information Officer (Police)	1.00	1.00
Add SONC Recreation Leader	1.00	1.00
Add Casements Special Events Tech	1.00	1.00
Add SCADA Tech	1.00	1.00
Add Police Evidence Tech (Changed from Part-time)	1.00	1.00
Add Utility Locate Tech (Changed from Part-time)	1.00	1.00

Total Full Time Change	7.00	7.00
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Part-time:

Delete Police Evidence Tech	(1.00)	(0.50)
Delete Utility Locate Tech	(1.00)	(0.50)
Total Part Time Change	(2.00)	(1.00)

5.00	6.00
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EXPENDITURES

GENERAL FUND:

General fund net expenditures are \$38,411,823 million, an increase of \$3,126,206 from the previous year. The budget includes \$3.1 million for health insurance. The budget also includes \$3.4 million for the City's annual required pension contribution which remained stable in comparison to last year.

DOWNTOWN REDEVELOPMENT FUND:

The budget includes \$399,000 for maintenance and capital improvements. Property improvement grant funding is also included in the amount of \$200,000.

STORMWATER UTILITY FUND:

The budget includes \$1.4 million for personnel and operating costs, transfers of \$222,000, and \$850,000 in capital improvement projects.

CAPITAL IMPROVEMENT FUND:

The budget includes:

- North Ridgewood Avenue Sidewalk (\$151,000)
- Police Department Roof (\$345,000)
- Performing Art Center (\$1,630,000)

TRANSPORTATION FUND:

The budget includes \$1.4 million in infrastructure improvements and \$700,000 in transfers to the General Fund for streets maintenance.

FACILITIES RENEWAL AND REPLACEMENT FUND:

The budget includes maintenance to various City facilities \$250,000 and capital improvement projects of \$258,000.

WATER AND WASTEWATER:

The budget includes \$12.6 million of personnel and operating expenditures and \$11.3 million in transfers for capital project funding and debt service.

SOLID WASTE:

This fund receives fees for solid waste removal and recycling services from City residents and business and pays an outside contractor to perform these services. The budget includes \$8.4 million for personnel and operating expenses and \$1.4 million in transfers.

DEBT SUMMARY:

The Charter of the City of Ormond Beach does not provide a debt limit. Bond Series 2003 GOB was issued to finance the construction of Fire Station #92 and was approved through a voter referendum which provided for a dedicate tax millage. Bond Series 2004 was issued to finance the construction of Fire Station #91. The last bond issue, Series 2010, was the result of a voter referendum for the construction of a beachfront park.

GENERAL GOV'T DEBT SERVICE REQUIREMENTS
Amounts in thousands

Fiscal Year Ending	2003 General Obligation Bonds Fire Station #92		
	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2023	110	4	114
Total	110	4	114

Fiscal Year Ending	2004 Revenue Bonds Fire Station #91		
	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2023	146	11	157
2024	151	6	157
Total	297	17	314

Fiscal Year Ending	2010 General Obligation Bonds Beachfront Park		
	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2023	275	70	345
2024 & Beyond	2,160	256	2,416
Total	2,435	326	2,761

Water and Sewer Bonds are issued to provide financing for the construction and rehabilitation of the City's water and wastewater system.

**WATER AND SEWER REVENUE BONDS
AND SRF LOAN FOR WWW**
In thousands

FY Ending	Principal	Interest	Total
2023	\$ 4,043	\$ 697	\$ 4,740
2024	\$ 3,753	\$ 577	\$ 4,330
2025	\$ 3,874	\$ 461	\$ 4,335
2026	\$ 1,727	\$ 341	\$ 2,068
2027	\$ 1,775	\$ 293	\$ 2,068
2028	\$ 1,830	\$ 245	\$ 2,075
2029	\$ 1,884	\$ 195	\$ 2,079
2030	\$ 1,942	\$ 143	\$ 2,085
2031	\$ 1,517	\$ 89	\$ 1,606
2032	\$ 1,286	\$ 53	\$ 1,339
2033	\$ 853	\$ 20	\$ 873
Total	\$ 24,484	\$ 3,114	\$ 27,598

GENERAL FUND

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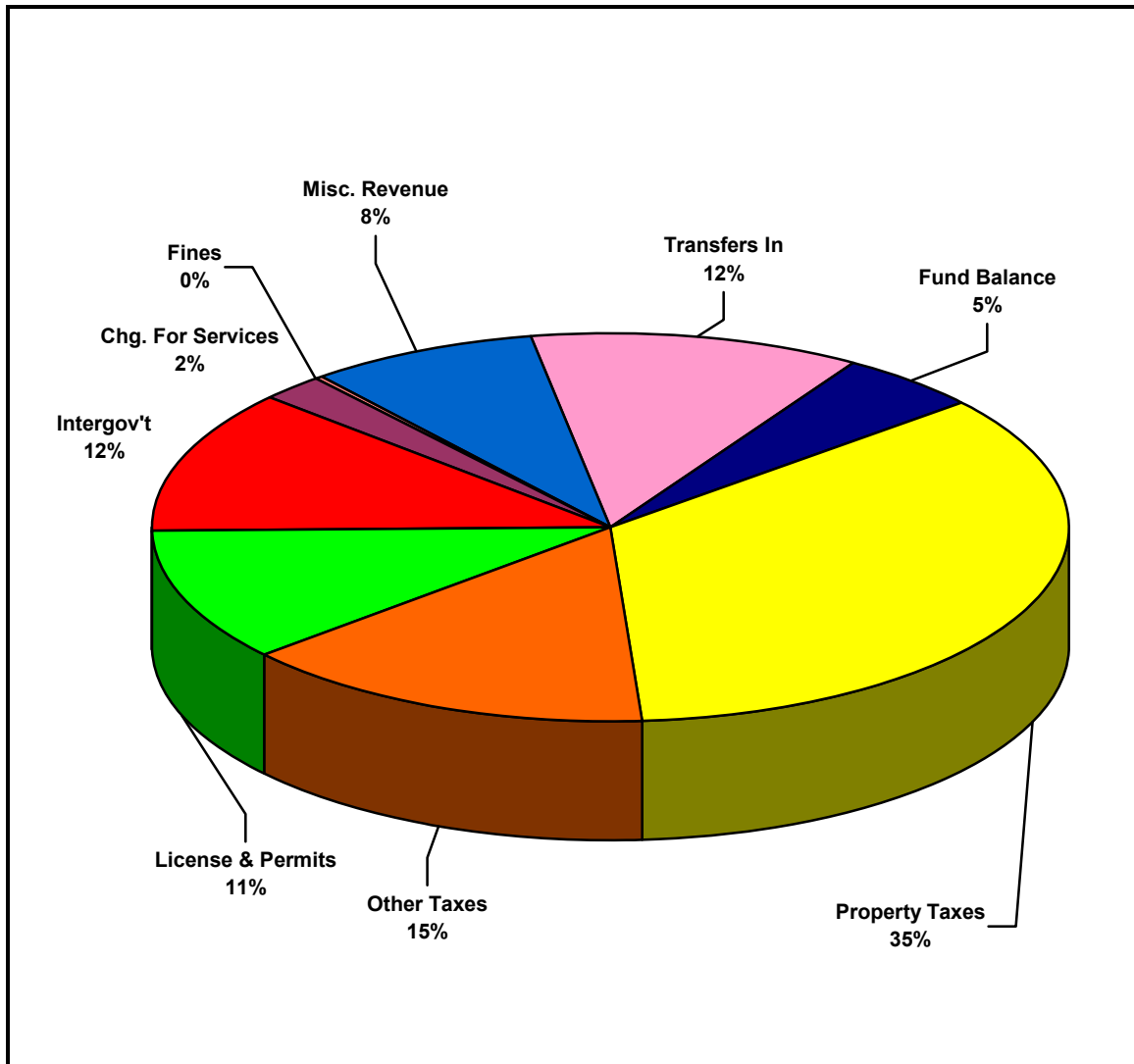
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GENERAL FUND REVENUES

General Fund Revenue Summary				Change	% Change
	Actual	Estimate	Budget	FY 2021-22	FY 2021-22
Description	FY 2020-21	FY 2021-22	FY 2022-23	to FY 2022-23	to FY 2022-23
Revenues					
Property Taxes	12,909,260	13,280,820	14,504,485	1,223,665	9.21%
Other Taxes	6,163,346	6,117,500	6,133,500	16,000	0.26%
License and Permits	4,190,512	4,217,350	4,654,350	437,000	10.36%
Intergovernmental	4,809,688	4,083,300	4,890,300	807,000	19.76%
Charges for Services	1,109,909	773,800	968,000	194,200	25.10%
Fines & Forfeitures	143,175	73,000	73,000	-	0.00%
Miscellaneous Revenue	2,703,005	2,899,771	3,434,319	534,548	18.43%
Transfers In	4,467,723	4,669,680	4,779,108	109,428	2.34%
Use of Fund Balance:	-	1,638,707	2,085,427	446,720	27.26%
Total Revenues	36,496,618	37,753,928	41,522,489	3,768,561	9.98%
Less: Fleet	1,385,695	1,380,289	1,908,683	528,394	38.28%
Less: Engineering	971,757	1,088,022	1,201,983	113,961	10.47%
Total Net Revenues	36,082,680	35,285,617	38,411,823	3,126,206	8.86%

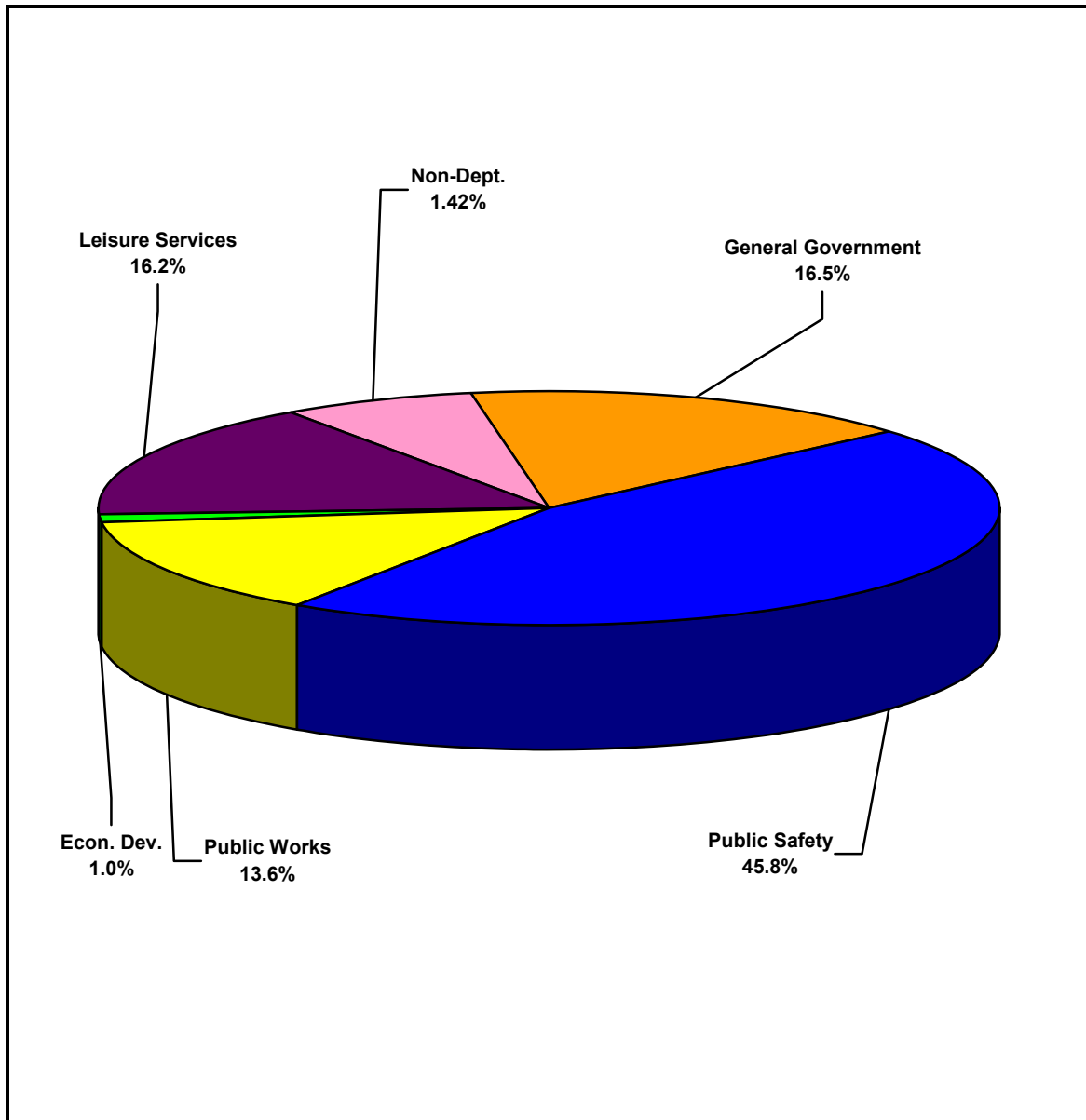
GENERAL FUND REVENUES



GENERAL FUND EXPENDITURE SUMMARY

General Fund Summary					
Description	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
General Government					
City Commission	338,893	394,168	393,342	(826)	-0.21%
City Manager	656,147	658,142	750,099	91,957	13.97%
Support Services	359,872	380,870	458,818	77,948	20.47%
City Attorney	804,934	805,651	861,962	56,311	6.99%
Finance	936,585	1,007,418	1,081,904	74,486	7.39%
Information Technology	953,186	1,029,282	1,140,518	111,236	10.81%
Human Resources	412,160	465,061	505,117	40,056	8.61%
Planning	625,452	669,253	711,727	42,474	6.35%
Building Maintenance	776,807	826,057	928,047	101,990	12.35%
Total General Government	5,864,035	6,235,902	6,831,534	595,632	9.55%
Public Safety					
Police Administration	822,417	947,704	1,098,183	150,479	15.88%
Police Operations	5,626,417	6,093,571	6,871,060	777,489	12.76%
Police Community Outreach	465,835	523,971	587,579	63,608	12.14%
Police Criminal Investigations	1,249,222	1,378,597	1,491,988	113,391	8.23%
Police Community Services	335,046	380,455	438,297	57,842	15.20%
Police Records	124,698	172,361	194,023	21,662	12.57%
Neighborhood Improvements	362,420	430,544	460,629	30,085	6.99%
Fire & EMS	6,642,815	6,245,373	6,731,586	486,213	7.79%
Building Inspections	1,097,696	1,078,444	1,163,670	85,226	7.90%
Total Public Safety	16,726,567	17,251,020	19,037,015	1,785,995	10.35%
Public Works					
Roadside and Right of Way Mnt.	2,059,289	2,227,185	2,525,485	298,300	13.39%
Engineering	971,757	1,088,022	1,201,983	113,961	10.47%
Fleet	1,385,695	1,380,289	1,908,683	528,394	38.28%
Total Public Works	4,416,742	4,695,496	5,636,151	940,655	20.03%
Economic Development	285,453	382,023	400,799	18,776	4.91%
Leisure Services					
Parks & Grounds	2,252,009	2,326,992	2,445,146	118,154	5.08%
Administration	662,227	731,473	795,835	64,362	8.80%
Cultural					
Casements	267,866	267,669	357,694	90,025	33.63%
Performing Arts Center	236,472	273,166	301,196	28,030	10.26%
Senior Center	70,515	97,399	99,637	2,238	2.30%
Community Events	177,494	206,649	252,034	45,385	21.96%
Environmental Learning Center	138,011	155,789	176,349	20,560	0.00%
Athletics					
Gymnastics	104,625	-	-	-	0.00%
Nova Recreation Center	288,912	321,410	350,757	29,347	9.13%
South Ormond Center	255,878	278,969	369,318	90,349	32.39%
Athletic Fields/City Sponsored Sport	1,336,139	1,464,924	1,586,785	121,861	8.32%
Total Leisure Services	5,790,148	6,124,440	6,734,751	610,311	9.97%
Non-Departmental					
Contributions/Contingency	89,607	203,710	635,894	432,184	212.16%
Transfers	1,858,096	2,861,337	2,246,345	(614,992)	-21.49%
Total Expenditures	35,030,648	37,753,928	41,522,489	3,768,561	9.98%
Less: Fleet expenditures	1,385,695	1,380,289	1,908,683	528,394	38.28%
Less: Engineering	971,757	1,088,022	1,201,983	113,961	10.47%
Total Net Expenditures	32,673,196	35,285,617	38,411,823	3,126,206	8.86%

GENERAL FUND EXPENDITURES



CITY COMMISSION

The City Commission is comprised of five members and is the elected legislative and governing body of the City. The City Commission is responsible for:

- Establishing policies
- Managing growth and land use
- Adopting an annual budget and tax rate
- Setting water and wastewater rates and other fees and charges for City services
- Adopting local laws and ordinances
- Hiring and overseeing the City Manager and City Attorney

Four members of the City Commission are elected from geographically defined zones and must reside within the zone to be its elected representative. The Mayor is elected by voters City-wide and must reside within the City limits of Ormond Beach. All members serve two year terms.



Pictured: From left to right; Zone 1 City Commissioner Dwight Selby, Zone 2 City Commissioner Troy Kent, Mayor Bill Partington, Zone 3 City Commissioner and Deputy Mayor Susan Persis, and Zone 4 City Commissioner Rob Littleton

CITY COMMISSION

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
General Fund	338,893	394,168	393,342	(826)	-0.21%
Total	338,893	394,168	393,342	(826)	-0.21%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	141,938	150,793	161,267	10,474	6.95%
Operating	196,955	243,375	232,075	(11,300)	-4.64%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	338,893	394,168	393,342	(826)	-0.21%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Mayor	1.00	1.00	1.00	0.00	0.00%
City Commissioners	4.00	4.00	4.00	0.00	0.00%
Total	5.00	5.00	5.00	0.00	0.00%

OFFICE OF CITY MANAGER

The City Manager is the chief executive officer of the City and provides executive leadership necessary to carry out the mission, goals, and policies established by the City Commission.

The City Manager's Office is responsible for administration of all City services and enforcement of all laws pursuant to the City Charter, including:

- appointment and removal of all employees (except City Attorney and the Attorney's staff)
- operational and financial management of City services
- preparation and recommendation of an annual operating budget and five (5) year capital improvements program
- keeping the City Commission informed as to the financial condition and future needs of the City
- preparation of the City Commission's meeting agendas
- implementing and administering the policy directives of the City Commission within the parameters of the City Charter



OFFICE OF CITY MANAGER

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
General Fund	656,147	658,142	750,099	91,957	13.97%
Total	656,147	658,142	750,099	91,957	13.97%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	584,650	597,191	651,029	53,838	9.02%
Operating	71,497	60,951	99,070	38,119	62.54%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	656,147	658,142	750,099	91,957	13.97%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
City Manager	1.00	1.00	1.00	0.00	0.00%
Assistant City Manager	1.00	1.00	1.00	0.00	0.00%
Public Information Officer	1.00	1.00	1.00	0.00	0.00%
Executive Secretary	1.00	1.00	1.00	0.00	0.00%
Total	4.00	4.00	4.00	0.00	0.00%

CITY COMMISSION/CITY MANAGER

GOALS:

In 2018, the City of Ormond Beach conducted an extensive citizen engagement process, The OB Life, to fully engage the community to help determine the kind of city Ormond Beach would be in the future. A series of six community forums were held addressing

- transportation and livable communities
- environment and water quality
- public safety
- community development
- economic development
- leisure and culture

Nearly 700 people attended the meetings where they heard presentations from 17 speakers, participated in small group discussions, and posed more than 600 questions which are all answered by city staff and posted on the city's website.

This comprehensive process provided community education and gathered valuable input that guided the discussions of the Mayor and City Commissioners during the strategic planning workshop held on February 27, 2019, which was also attended by the City Manager, City Attorney and the city's senior staff.

Using the information gathered from participants in The OB Life series, the Commissioners identified strategic issues the city should address along with specific objectives for the city to accomplish in the next few years. The final activity of the workshop was for the City Commission to select and refine priority objectives for implementation in the following key areas:

- COMMUNITY DEVELOPMENT
- ECONOMIC DEVELOPMENT
- GOVERNANCE
- PUBLIC SAFETY
- QUALITY OF LIFE
- TRANSPORTATION
- WATER QUALITY & ENVIRONMENT

SUPPORT SERVICES

Support services provides the following services:

- preparation of Commission meeting agenda packets and minutes
- clerical and word processing services to various City departments and advisory boards
- records management including security, retrieval and disposition for all City Commission actions
- election administration
- internal mail collection and distribution
- operating of the receptionist station on the second floor of City Hall



SUPPORT SERVICES

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
General Fund	359,872	380,870	458,818	77,948	20.47%
Total	359,872	380,870	458,818	77,948	20.47%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	239,921	252,843	340,996	88,153	34.86%
Operating	119,951	128,027	117,822	(10,205)	-7.97%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	359,872	380,870	458,818	77,948	20.47%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Full-time Positions:					
City Clerk	1.00	1.00	1.00	0.00	0.00%
Office Assistant IV	1.00	0.00	0.00	0.00	0.00%
Assistant City Clerk	1.00	1.00	1.00	0.00	0.00%
Office Manager	0.00	1.00	1.00	0.00	0.00%
Administrative Assistant	1.00	1.00	1.00	0.00	0.00%
Total	4.00	4.00	4.00	0.00	0.00%

SUPPORT SERVICES

GOALS:

- Provide timely preparation and publication of the City Commission agenda packets and minutes through the use of the city's agenda management software - CivicClerk.
- Confirm receipt of public record requests immediately through the use of the city's public records request software - JustFOIA.
- Establish a City-wide records management program, to include revision of record filing systems, efficient records disposition, increase electronic document storage, and streamline processes.
- Coordinate with Information Technology and Tyler Munis for the Clerk's Office migration to Tyler Content Manager for the secure electronic storage of documents.
- Assist City Management in the facilitation of new commissioner orientation and coordination of the new commission's organizational meeting and board appointments.
- Continue training and education of department staff: City Clerk continue working towards designation of Certified Municipal Clerk; Assistant City Clerk continue training through professional organizations; Office Manager work towards a Records Management Certification; and Administrative Assistant complete training on Sunshine Law and Public Records. City Clerk will complete ICMA Emerging Leaders Development 2-year program in the spring of 2023.

	Actual FY 2020-21	Estimate FY 2021-22	Estimate FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
City Commission Meetings:					
Number agenda items	292	273	297	24	8.79%
Number of items processed within 4 days of meetings	292	273	297	24	8.79%
% of minutes completed in 6 working days	91%	100%	100%	-	0.00%
Number of proclamations prepared	43	54	59	5	9.26%
Number of public records requests received and processes	323	355	391	36	10.14%

ACCOMPLISHMENTS:

- City's Strategic Goal, "Governance – Secure new agenda management program" was achieved through the procurement and implementation of CivicClerk.
- Procured and implemented new public records request software - JustFOIA for the management of requests from intake to delivery to the requestor.
- Trained city staff on Sunshine Law requirements and obligations pertaining to public records requests.
- Coordinated with IT to upgrade the audio and visual systems in City Commission Chambers.

SUPPORT SERVICES

ACCOMPLISHMENTS:

- timely submitted.
- Provided administrative support for 21 City Commission meetings and 11 City Commission workshops, with agenda packets totaling an estimated 294 agenda items.
- Prepared approximately 54 City proclamations presented at commission meetings and outside events.
- Provided support for the commission zone reapportionment process and up to 4 annexation(s).
- Provided administrative support for the City's citizen advisory boards including the coordination of appointments, and functioned as recording secretary for the Quality of Life board which had 6 meetings and Claims Committee which generally met monthly.
- Maintained efficient records management program with disposition of 252 cubic feet of records.
- Processed over 355 public records requests.
- Provided administrative support for content updates on City's website, including reorganizing and updating the election-related pages.
- Addressed and processed a multi-year backlog of documents, including physical file location and electronic tracking.

CITY ATTORNEY

The Office of City Attorney is responsible for:

- providing legal advice and recommendations to the City Commission, City Department Directors, Division Managers and to the various advisory and quasi-judicial boards
- litigation brought against or on behalf of the City
- handling all legal issues involving or affecting the City
- communicating the City's position on various legislative matters to State and Federal legislative bodies.

The Office of City Attorney coordinates the City's response and strategy regarding general liability insurance claims brought against the City, handles related litigation, and determines if specialized outside legal assistance is needed.



CITY ATTORNEY

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
General Fund	804,934	805,651	861,962	56,311	6.99%
Total	804,934	805,651	861,962	56,311	6.99%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	704,524	743,724	743,764	40	0.01%
Operating	100,410	61,927	118,198	56,271	90.87%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	804,934	805,651	861,962	56,311	6.99%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
<u>Full-time Positions:</u>					
City Attorney	1.00	1.00	1.00	0.00	0.00%
Deputy City Attorney	1.00	1.00	1.00	0.00	0.00%
Assistant City Attorney	1.00	1.00	1.00	0.00	0.00%
Para-Legal	2.00	2.00	2.00	0.00	0.00%
Total	5.00	5.00	5.00	0.00	0.00%

CITY ATTORNEY

GOALS:

- Keep the City Commission and management staff apprised of new developments in statutory, regulatory, and decisional law.
- Assist the City Commission and management staff in avoiding litigation and claims to the maximum extent possible.
- Successfully defend/prosecute litigation involving the City.
- Provide legal opinions to the City Commission and management staff in a timely manner.
- Keep City laws and policies in compliance with current law.



ACCOMPLISHMENTS:

- Informed the City Commission and management staff apprised of new developments in statutory, regulatory, and decisional law.
- Assist the City Commission and management staff in avoiding litigation and claims to the maximum extent possible.
- Successfully defend/prosecute litigation involving the City.
- Provide legal opinions to the City Commission and management staff in a timely manner.
- City laws and policies are in compliance with current law.

FINANCE

The Department is responsible for maintaining the City's financial accounting system that includes processing of all City financial transactions, maintaining and disseminating financial statements and related reports to City departments, governmental agencies and insurance and bond rating companies, and preparation of the City's bi-weekly payroll.

In addition, this program produces the City's Comprehensive Annual Financial Report (CAFR), provides assistance to the City's external auditing firm, provides pension administration services for retired City employees, oversees the investment of City funds and is responsible for debt administration.

The Department provides support service of City government responsible for coordinating and directing the development of the City's Annual Operating Budget and five-year Capital Improvement Program. In addition, the Budget Office monitors revenues and expenditures, evaluates performance results of all City programs, provides technical assistance to City departments, oversees the performance outcome system, and provides information and technical assistance to the City Manager, elected officials and City staff.

The Department is responsible for overseeing a decentralized purchasing system that reviews and processes purchase orders for commodities and services that exceed \$500. The Purchasing Office is also responsible for obtaining price quotes to ensure competitive bidding in accordance with City purchasing thresholds, coordinating and developing formal bids and requests for proposals and ensuring compliance with the City's Purchasing Ordinance and accepted industry standards.

The Department also is responsible for coordinating the City's Risk Management program through the efforts of a full time Risk Manager. This program conducts employee safety workshops and on-site inspections, keeps departments advised of safety issues, recommends loss control measures and conducts investigations on workers' compensation, accidents and general liability claims.

FINANCE

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
General Fund	936,585	1,007,418	1,081,894	74,476	7.39%
Total	936,585	1,007,418	1,081,894	74,476	7.39%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	896,876	950,088	1,021,355	71,267	7.50%
Operating	39,709	57,330	60,539	3,209	5.60%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	936,585	1,007,418	1,081,894	74,476	7.39%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Full-time Positions:					
Finance Director	0.65	1.00	1.00	0.00	0.00%
Assistant Finance Director	1.00	1.00	1.00	0.00	0.00%
Accountant	1.00	1.00	1.00	0.00	0.00%
Accounting Technician	3.00	3.00	3.00	0.00	0.00%
Purchasing Coordinator	1.00	1.00	1.00	0.00	0.00%
Grants Coordinator	1.00	1.00	1.00	0.00	0.00%
Office Asst. III	1.00	1.00	1.00	0.00	0.00%
Risk Manager	1.00	1.00	1.00	0.00	0.00%
Total	9.65	10.00	10.00	0.00	0.00%

FINANCE

GOALS:

- Maintain the high standard and level of financial reporting in obtaining GFOA “Certificate of Achievement for Excellence in Financial Reporting”.
- Complete publication of the Comprehensive Annual Financial Report (CAFR) and submit to the City Commission no later than February following the end of the prior fiscal year.
- Process 100% of invoice payments within 25 days of approval date.
- Submit the proposed Five-Year CIP and Annual Budget documents to the City Commission five days prior to the respective scheduled budget workshops.
- Complete budget document with 30 days of adoption.
- Achieve a forecast accuracy rate (estimate vs. actual) for undesignated fund balance in the General Fund that is within 5% of audited results.
- Obtain an average of three (3) responses to formal bids and RFP's.
- Reimbursement of projected expenses for Covid (ARPA).

PERFORMANCE MEASURES:

	Actual FY 2020-21	Estimate FY 2021-22	Estimate FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Workload:					
# of A/P checks	7,100	7,350	7,100	(250)	-3.40%
# of Accounts Payable EFT	2,150	2,560	3,000	440	17.19%
# of Purchase orders issued	1,116	1,176	1,350	174	14.80%
# of Payroll checks	-	-	-	-	0.00%
# of Payroll direct deposits	9,110	9,115	9,120	5	0.05%
Effectiveness:					
% participating in direct deposit	90%	91%	91%	-	0.00%
Number of days to issue CAFR	140	140	140	-	0.00%

ACCOMPLISHMENTS:

- Continued maintaining the high standard and level of financial reporting in obtaining the GFOA “Certificate of Achievement for Excellence in Financial Reporting”.
- Completed publication of the Comprehensive Annual Financial Report (CAFR) and submitted to the City Commission in early February following the end of the prior fiscal year and implemented the final phase of Governmental Accounting Standards Board (GASB) Statement Number 34 for the inventory of the donated land, roads, sidewalks, and drainage infrastructure.
- Maintained participation in the payroll direct deposit program at 100%.
- Processed 100% of invoice payments within 25 days of approval date.
- Completed budget document within 30 days of budget adoptions.
- Submitted proposed Five-Year CIP and Annual Budget to City Commission at least five days before workshops.

INFORMATION TECHNOLOGY

Information Technology is a support service operation of City government that provides operating system support, software support and technical assistance for the City's local and Wide Area Networks (WAN). The WAN consists of an IBM AS/400 mini-computer, servers, Local Area Networks (LAN), microcomputers and the electronics that connect them. The primary mini-computer applications supported by MIS include:

- Accounting, Miscellaneous Receivables, Purchasing, and Fixed Assets
- Utility Billing
- Site Plan Review, Building Permits, Occupational Licenses and Code Enforcement
- Computer Aided Dispatch and Records Management
- Work Order/Facility Management
- Payroll and Personnel Management
- Cash Receipts
- Land/Parcel Management

In addition, there are eight supporting modules which communicate with the primary mini-computer applications which allow both citizens and city staff to conduct business processes and inquiries over the intranet/internet. A Geographic Information System module (Looking Glass) allows the City's users to produce maps from the existing GIS with integrated information from the data base of the primary mini-computer applications.

Networking and telecommunications support are provided for all City departmental systems, which include:

- Leisure Services Registration and Facility Reservation
- Support Services (City Clerk) Document Imaging System and Clerks Index
- Inventory systems for Fleet
- The Police network
- FireHouse (data management) and TeleStaff (scheduling program) for the Fire Department
- The City's internet and e-mail systems.

INFORMATION TECHNOLOGY

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
General Fund	953,186	1,029,282	1,140,518	111,236	10.81%
Total	953,186	1,029,282	1,140,518	111,236	10.81%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	613,407	606,161	639,854	33,693	5.56%
Operating	339,780	423,121	500,664	77,543	18.33%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	953,186	1,029,282	1,140,518	111,236	10.81%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
<u>Full-time Positions:</u>					
IT Manager	1.00	1.00	1.00	0.00	0.00%
IT Supervisor	1.00	1.00	1.00	0.00	0.00%
Information Systems Specialist	3.00	3.00	3.00	0.00	0.00%
Chief GIS Technician	1.00	1.00	1.00	0.00	0.00%
GIS Technician	1.00	1.00	1.00	0.00	0.00%
Total	7.00	7.00	7.00	0.00	0.00%

INFORMATION TECHNOLOGY

GOALS:

- Maintain data network overall uptime at 99% or better.
- Complete 97% of hardware and software “help desk” support requests within 2 working days.
- Maintain all Servers and Workstations to current vendor service pack levels within 1 month of release.

PERFORMANCE MEASURES:

	Actual FY 2020-21	Actual FY 2021-22	Estimate FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Workload:					
# of workstations	355	449	465	16	3.56%
# of sites maintained	22	22	22	-	0.00%
# of support calls	2,150	3,080	3,200	120	3.90%
Efficiency/Effectiveness:					
Windows Servers uptime	99.99%	99.99%	99.99%	-	0.00%
iSeries HTE system uptime	99.99%	99.99%	99.99%	-	0.00%

Note: Major software implementation
scheduled for this Fiscal Year: Tyler
Energov Community Development, Tyler
Content Management - Clerks Office

Sites

- | | | |
|----------------|------------------|-----------------|
| 1. City Hall | 9. PAC | 17. Legal |
| 2. PD | 10. Casements | 18. Airport |
| 3. Water Plant | 11. Discovery | 19. Ball Fields |
| 4. Wastewater | 12. Nova | 20. Andy Romano |
| 5. FD91 | 13. SONC | 21. Leeway |
| 6. FD92 | 14. PAL | 22. HDC |
| 7. FD93 | 15. Fleet | |
| 8. FD94 | 16. Public Works | |

ACCOMPLISHMENTS:

- Data networks overall uptime was at 99.9% or better.
- 97% of hardware and software “help desk” support requests were completed within 2 working days.
- Maintained all Servers and Workstations at current vendor service pack levels within 1 month of release.
- Upgraded email system to Exchange 2019 for security enhancements.
- Upgraded all City computers from Office 2016 to Office 2019.
- Upgraded Tyler Munis version
- New firewalls installed offering enhanced network security
- SECNAP CloudJacketx with SOC put into place to enhance network security and monitoring
- New antivirus installed across servers and workstations
- New Password management system in place for enhanced security

HUMAN RESOURCES

The Human Resources Department provides administrative and technical support services to assist in the management of the City's workforce of approximately 400 employees. The core services provided by Human Resources include:

- Recruitment, selection and processing of new employees
- Maintenance of the pay and classification system
- Maintenance of employee personnel records
- Administration of the City's employee benefits program
- Coordination of employee and supervisory training and publishing of employee and supervisory newsletters
- Serve as the liaison with the City's Human Resources Board
- Negotiation and management of collective bargaining agreements with the City's three bargaining units.

HUMAN RESOURCES

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
General Fund	412,160	465,061	505,117	40,056	8.61%
Total	412,160	465,061	505,117	40,056	8.61%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	233,590	244,266	271,780	27,514	11.26%
Operating	178,570	220,795	233,337	12,542	5.68%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	412,160	465,061	505,117	40,056	8.61%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Full-time Positions:					
Asst. HR Director	1.00	1.00	1.00	0.00	0.00%
HR Generalist	2.00	2.00	2.00	0.00	0.00%
Total	3.00	3.00	3.00	0.00	0.00%

HUMAN RESOURCES

GOALS:

- Continue to evaluate strategic health care plan and expand wellness program.
- Continue implementation and customization of time keeping, time cards, and HR components of Tyler/Munis software system.
- Develop an electric self-guided evaluation system through ESS and Tyler/Munis.
- Identify additional areas in which to implement paperless processes using Tyler/Munis.
- Continue to revise and develop employee and leadership training program.
- Continue to review and update Human Resources and Administrative Policies.
- Conduct and document updated succession planning for City departments.
- Transition new hire and benefit orientations to electronic self-guided format.
- Develop Recruitment videos for the City.

PERFORMANCE MEASURES:

	Actual FY 2020-21	Estimate FY 2021-22	Estimate FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Total employee turnover in government/organization	13%	13%	13%	0.00%	0%
Number of individuals hired/placed for period	70	85	70	(15)	-17.65%
Number of new employees that left prior to one full year of service	32	35	32	(3)	-8.57%
Total number of internal HR-sourced training hours					
Number of positions filled from within ranks	43	40	43	3	7.50%
Number of positions filled from outside sources (not promotional)	70	75	70	(5)	-6.67%
Number of requisitions (request-to-fill, job opening, job order, etc.) during period	131	110	131	21	19.09%
Number of requisitions that were filled during period	113	90	113	23	25.56%
Average number of Vacancies	30	30	30	-	0.00%
Average days to fill position	60	60	60	-	0.00%
Average Vacancy Rate	8%	8%	8%	-	0.00%

ACCOMPLISHMENTS:

- Continued implementation of Tyler/Munis time keeping, payroll, and HR module.
- Expanded strategic health care plan and employee wellness program through additional health and wellness events and HSA incentive options.
- Continued to streamline new hire paperwork and transition to paperless process for various policies, contracts, and benefit enrollments.
- Transitioned terminated employee files to electronic filing.
- Started to transition current filed into Tyler Content Manager.
- Implement the Recruitment and Onboarding portion of our Tyler/Munis Software.
- Prepare and implement pay strategy to be in compliance with Amendment 2 which will amend Florida's constitution to gradually increase to \$15 an hour by 2026.

PLANNING

The Planning Department performs two distinct functions: comprehensive planning and development review.

Comprehensive planning is responsible for monitoring compliance with and administering the City's Comprehensive Plan in accordance with Chapter 163, Florida Statutes, and Chapter 9J-5, Florida Administrative Code. The primary services provided in this program include:

- review of Comprehensive Plan Amendments
- coordination with various regional and State authorities
- review for consistency with the Volusia County Growth Management Commission, City Planning Board, and the City's Official Zoning Map and Land Development Code
- review and updating of the various required elements of the Comprehensive Plan

Development Review is responsible for current planning in general and for administering the City's Land Development Code. Specific activities include:

- site plan review and permitting of proposed development applications
- inspection of all residential and commercial development projects
- staff support and liaison with the Planning Board and the Development Review Board
- interpreting and processing amendments to the Land Development Code
- coordinating the activities of the City's Site Plan Review Committee (SPRC) – this involves interdepartmental cooperation with Engineering, Building Inspection and the City Attorney
- responding to informational requests by the public regarding zoning, flood zone classification, land use information, and development regulations
- reviewing and providing comments to Volusia County for certain applications in the County but located within the Ormond Beach service area
- remaining up-to-date with Federal and State mandates and regulations that will affect development review and procedures (the Unified Mitigation Assessment Methodology, for example)

PLANNING

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Site Plan Review Fees	32,360	25,000	25,000	-	0.00%
Zoning Variances/Appeals	413,726	73,000	92,500	19,500	26.71%
General Fund	179,366	571,253	594,227	22,974	4.02%
Total	625,452	669,253	711,727	42,474	6.35%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	536,748	584,554	619,423	34,869	5.97%
Operating	88,704	84,699	92,304	7,605	8.98%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	625,452	669,253	711,727	42,474	6.35%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
<u>Full-time Positions:</u>					
Planning Director	1.00	1.00	1.00	0.00	0.00%
Senior Planner	3.00	3.00	3.00	0.00	0.00%
Office Manager	1.00	1.00	1.00	0.00	0.00%
<u>Part-time Positions:</u>					
Civil Engineer	0.60	0.60	0.60	0.00	0.00%
Total	5.60	5.60	5.60	0.00	0.00%

PLANNING

GOALS:

- 100% of all professionally prepared plans shall be electronic submittal utilizing ProjectDox.
- Reduce by 50% the amount of time devoted to each consecutive SPRC review after the first submittal by using ProjectDox simultaneous review and mark-up features.
- The Site Plan Review Committee shall provide review comments or approval for site plan submittals 14 days from the date of submittal.
- Transition all non-professionally prepared plans from paper to electronic submittal using ProjectDox.
- Completion of the impact fee study update.
- Transition from the Naviline and ProjectDox permitting systems into the Tyler/Munis permitting system.

PERFORMANCE MEASURES:

	Actual FY 2020-21	Estimate FY 2021-22	Estimate FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Workload:					
# of site plans	20	24	28	4	16.67%
# of Special Exceptions	7	6	6	-	0.00%
# of LDC/City code amendments	10	10	10	-	0.00%
# of planned development amendment	6	6	6	-	0.00%
# Appeal of PD Determination	1	1	1	-	0.00%
# of annexations/annexation agreements	-	-	-	-	0.00%
# of Certificate of Appropriateness	3	3	3	-	0.00%
# of Variances	12	12	20	8	66.67%
# of rezonings	5	5	5	-	0.00%
# of Property Improvement Grants	2	2	1	(1)	-50.00%
# of Volusia/Flagler County Reviews	4	4	4	-	0.00%
# of Utility Easement/ROW Vacations	10	10	10	-	0.00%
# of lot splits	3	3	3	-	0.00%
# of Land Use Plan amendments	4	4	4	-	0.00%
# of Alcohol Zoning Approvals	6	6	6	-	0.00%
# of Zoning Verifications	5	5	5	-	0.00%
# of Preliminary or Final Plats	3	3	3	-	0.00%
# of Nonconforming Determinations				-	0.00%
Bike Plan	-	-	-	-	0.00%
Total:	101	104	115	11	10.58%

PLANNING

ACCOMPLISHMENTS:

- Successfully completed the 2022 Community Rating System audit by maintaining activities for floodplain management.
- Assist the Leisure Service Department in the completion of a Parks & Recreation Master Plan.
- Installation of improvements consistent with the Downtown Master Plan, such as banners and cabinet wraps.
- Completed the plats for Tiger Oaks, Phase 1A.
- Completion of the seconded amended Interlocal Service Boundary Agreement.
- Provided technical reports and presentations to the Historic Landmark Preservation Board, Board of Adjustment and Appeals, Planning Board, and City Commission.
- Completion of multiple development projects, such as Ace Hardware, GRPI, Ormond Memorial Art Museum, Paradise Pointe, and Total Comfort.
- Processed a number of public hearing items including the Special Exceptions for signage in the Downtown, Plantation Oaks PRD major amendment, RidgeHaven annexation and land use amendments, and Regal Center PBD.
- Coordinated, provided plan reviews, and minutes for the Site Plan Review Committee.
- Plan review for residential and non-residential building permits, accessory uses and Business Tax receipts.

BUILDING MAINTENANCE

Building Maintenance is a support service function of City government that includes:

- repair and maintenance services for City buildings and structures, including routine electrical, plumbing, carpentry, air conditioning, painting and miscellaneous repairs.
- oversight and monitoring service of contracts for janitorial, electrical and air conditioning
- performance of one-time building and minor renovation projects when it is less costly than using an outside contractor.

Direct costs for materials and supplies that cannot be assigned or charged to a department operating budget are charged to the Building Maintenance budget. Otherwise, these costs and HVAC maintenance are charged directly to the department or program where the repair has occurred. All in-house labor costs are charged directly to the Building Maintenance budget regardless of where the work is performed.

In addition, building maintenance personnel are assisting with the maintenance of the Airport Tower and repair of the City's airport runway and taxiway lighting systems. This includes weekly lighting inspections and immediate repair of discrepancies found.

BUILDING MAINTENANCE

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
General Fund	776,807	826,057	928,047	101,990	12.35%
Total	776,807	826,057	928,047	101,990	12.35%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	442,572	476,046	555,723	79,677	16.74%
Operating	334,235	350,011	372,324	22,313	6.37%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	776,807	826,057	928,047	101,990	12.35%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
<u>Full-time Positions:</u>					
Office Assistant II	1.00	1.00	1.00	0.00	0.00%
Contract Manager - Buildings	1.00	1.00	1.00	0.00	0.00%
Maintenance Foreman	1.00	1.00	1.00	0.00	0.00%
Tradesworker	3.00	3.00	3.00	0.00	0.00%
Supervisor	1.00	1.00	1.00	0.00	0.00%
<u>Part-time Positions:</u>					
Maintenance Worker II	0.50	0.50	0.50	0.00	0.00%
Total	7.50	7.50	7.50	0.00	0.00%

BUILDING MAINTENANCE

GOALS:

- Complete 98% of all non-emergency work orders within two working days of request
- Create a maintenance plan for 25% of the City's 73 facilities
- Continue refurbishment of snowflake holiday decorations
- No work-related injuries
- Regular safety training classes
- Regular inspections of playground equipment
- Clean and organize the electrical area
- Reorganize the pump and air filter supply

ACCOMPLISHMENTS:

- Completed 98% of all non-emergency work orders within two working days of request
- Continued refurbishment of snowflake Christmas decorations
- Completely reorganize and clean the decorations area
- No work-related injuries
- Followed all City guidelines relating to the corona virus
- Regular safety training classes
- Notification in-person or email of the completion of a work request
- Updated workflow board for assigning and completing work orders
- Daily foreman morning meeting to review workflow and assign work for the day
- All emergency work orders were completed within 12 hours
- Completed placement of Citywide holiday decorations early
- Removed all holiday decorations 1.5 days early
- Used rented lift for the safe install and removal of bridge snowflakes
- Replenishing snowflakes including rewiring of same
- Maintained all City and DOT lighting throughout City
- Maintained all sports lighting to keep playable surfaces lit for safety of players
- Maintained airport runway lighting repairs and safety checks three times per week
- Maintained splash pads with minimal interruptions
- Keeping a clean and organized maintenance shop
- Brought a new part-time employee onboard
- Brought a new full-time on board
- Police Department chiller replaced
- Constructed and installed a new water wheel
- Vadner Park fountain and construction assistance

BUILDING MAINTENANCE

GOALS (Facilities R&R Program):

- Receive a composite rating of satisfactory or better on quarterly janitorial service ratings from 90% of respondents
- Maintain the appearance of City facilities through regular preventative maintenance and repair
- Manage the successful completion of projects described in the Facilities Renewal and Replacement Fund
- Work with Facilities Maintenance staff to identify and prioritize facility R&R projects
- Work with Engineering Department to identify C.I.P. related projects
- Update the comprehensive five-year Facilities Maintenance R&R plan



ACCOMPLISHMENTS (Facilities R&R Program):

- Managed Janitorial Services Contract with American Janitorial Inc.
- Updated the quarterly janitorial review survey to be more inclusive of specific tasks.
- Managed 17 different miscellaneous crafts and trades vendors, primarily used in completing Facilities Renewal and Replacement projects.
- Successfully managed and completed 100% of the Facilities Renewal & Replacement fund projects.
- Completed office renovations in the IT Department at City Hall.
- Managed Citywide pest control services.
- Completed installation of safety/privacy glass in select City facilities.
- Completed repainting/sealing of entire Airport Tower exterior.

POLICE DEPARTMENT

The Police Department consists of the following divisions:

- Administration
- Operations
- Community Outreach
- Community Service/Animal Control
- Criminal Investigations
- Records
- Neighborhood Improvement

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Special Duty	52,972	55,000	50,000	(5,000)	-9.09%
Fines/Forfeits	46,753	45,000	45,000	-	0.00%
Code Violations	96,422	28,000	28,000	-	0.00%
General Fund	8,789,910	9,799,203	11,018,759	1,219,556	12.45%
Total	8,986,056	9,927,203	11,141,759	1,214,556	12.23%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Administration	822,417	947,704	1,098,183	150,479	15.88%
Operations	5,626,417	6,093,571	6,871,060	777,489	12.76%
Community Outreach	465,835	523,971	587,579	63,608	12.14%
Criminal Investigations	1,249,222	1,378,597	1,491,988	113,391	8.23%
Community Services	335,046	380,455	438,297	57,842	15.20%
Records	124,698	172,361	194,023	21,662	12.57%
Neighborhood Improvements	362,420	430,544	460,629	30,085	6.99%
Total	8,986,056	9,927,203	11,141,759	1,214,556	12.23%

POLICE ADMINISTRATION

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
General Fund	822,417	947,704	1,098,183	150,479	15.88%
Total	822,417	947,704	1,098,183	150,479	15.88%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	281,204	319,634	422,027	102,393	32.03%
Operating	541,213	628,070	676,156	48,086	7.66%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	822,417	947,704	1,098,183	150,479	15.88%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Full-time Positions:					
Police Chief	1.00	1.00	1.00	0.00	0.00%
Captain	0.00	0.00	0.00	0.00	0.00%
Police Officer (Training)	0.00	0.00	0.00	0.00	0.00%
Office Manager	1.00	1.00	1.00	0.00	0.00%
Lieutenant	0.00	0.00	0.00	0.00	0.00%
Accreditation Manager	1.00	1.00	1.00	0.00	0.00%
Public Information Officer	0.00	0.00	1.00	1.00	100.00%
Total	3.00	3.00	4.00	1.00	33.33%

POLICE ADMINISTRATION

GOALS:

- Maintain the police department's staffing levels at 95% or greater.
- Provide in-service training in de-escalation, Threat Assessment, and Public Records law.
- Work with County to update CAD systems.
- Improve building by replacing worn flooring and furniture
- Convert areas of building not being used to full potential into viable work areas
- Hire a full time Public Information Officer for the Police Department
- Hire a full time Victim Advocate for the Police Department
- Hire a full time Finance employee for the Police Department
- Improve the department's Body Worn Camera System
- Improve the department's License Plate Reader program
- Improve security of the Police Department by obtaining an updated Access Control and camera system

ACCOMPLISHMENTS:

- Successfully complete the CJIS Technical Audit with no deficiencies
- Successfully completed all the required annual and quarterly audits and inventories associated with the Property and Evidence Unit to ensure compliance with Accreditation Standards.
- Successfully completed all quarterly and annual examinations and inspections throughout the year.
- Completed the quarterly and annual DAVID audits.
- Hired and trained fourteen (14) new employees.
- Hired a Part Time Evidence Custodian
- Converted Records Clerk position to supervisory position
- Promoted a current Records Clerk to Lead Records Clerk
- Promoted a current Community Service Officer to Lead Community Service Officer
- Hired a Records Clerk position
- Developed a Police Stipend Program for Basic Law Enforcement Students
- Issued new portable and mobile radios to all employees
- Developed a vehicle replacement plan that was incorporated by the City
- Transitioning the police department's fleet from sedans to sport utility vehicles

POLICE OPERATIONS

Operations is the core law enforcement and community policing arm of the Police Department that responds to approximately 60,000 to 65,000 calls for service annually and provides patrol and traditional law enforcement activities such as traffic control and initiates proactive steps to reduce crime and enhance the quality of life in Ormond Beach. Approximately 8% of all calls involve some type of serious crime, whereas all other calls are service-related.

POLICE OPERATIONS

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Special Duty	52,972	55,000	50,000	(5,000)	-9.09%
Fines/Forfeits	46,753	45,000	45,000	-	0.00%
General Fund	5,526,693	5,993,571	6,776,060	782,489	13.06%
Total	5,626,417	6,093,571	6,871,060	777,489	12.76%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	4,966,545	5,551,287	6,099,902	548,615	9.88%
Operating	659,872	542,284	771,158	228,874	42.21%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	5,626,417	6,093,571	6,871,060	777,489	12.76%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
<u>Full-time Positions:</u>					
Captain	2.00	2.00	2.00	0.00	0.00%
Lieutenant	2.00	2.00	3.00	1.00	50.00%
Sergeant	6.00	6.00	6.00	0.00	0.00%
Corporal	3.00	3.00	3.00	0.00	0.00%
Police Officer	44.00	46.00	46.00	0.00	0.00%
Total	57.00	59.00	60.00	1.00	1.69%

POLICE OPERATIONS

GOALS:

- To enhance the quality of life for the residents and visitors in Ormond Beach through effective, efficient, courteous, and responsive police services.
- Maintain an average response time of less than 5 minutes for all priority police calls for service.
- Continue the community policing project program to assist in the deterrence of public order crimes. This program addresses incidents such as code violations, civil infractions, public nuisance crimes, and traffic issues. By continuing this program, we will reduce the number of repeat calls and improve the overall quality of life for our citizens and visitors.
- Continue implementation of a License Plate Reader program that interacts with the systems used by other agencies within the county.
- Acquire additional traffic safety equipment, namely pole-mounted radar feedback systems.
- Continue training and equipment acquisition to activate Special Response Team.
- Establish the Aerial Tech Unit (ATU); complete training of qualified personnel to operate robots, unmanned aerial systems, and the SRT MRAP for critical incidents and special operations.

PERFORMANCE MEASURES:

	Actual FY 2020-21	Estimate FY 2021-22	Estimate FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Sworn law enforcement members available for CFS response	66	67	67	-	0.00%
Sworn members assigned to Traffic Enforcement	5	5	5	-	0.00%
Members assigned to Traffic Crash Investigations	5	5	5	-	0.00%
Total patrol districts	6	6	6	-	0.00%
Total mobile computers	77	77	77	-	0.00%
Total # of calls received by agency	70,124	63,419	67,500	4,081	6.43%
Citizen-generated workload; Calls for Service (CFS)	32,854	34,569	35,000	431	1.25%
Self-initiated workload; pro-active police actions	37,270	28,850	32,500	3,650	12.65%
Traffic citations issued (moving violations only)	3,670	4,318	4,000	(318)	-7.36%
Traffic crashes	2,069	1,968	1,900	(68)	-3.46%
Pedestrian fatalities	1	1	2	1	100.00%
Total Traffic fatalities	6	6	8	2	33.33%
Adult arrests	858	806	900	94	11.66%
Juvenile arrests	14	23	30	7	30.43%
DUI arrests	58	56	75	19	33.93%
Total arrests	872	829	930	101	12.18%

POLICE OPERATIONS

ACCOMPLISHMENTS:

- Handled approximately 70,124 calls for service, an 11.0% decrease from FY 2020. Calls for service represent dispatched calls, self-initiated calls for service, directed patrol requests, and extra service calls.
- Maintained an average response time of 4 minutes and 32 seconds to emergency calls for service, and an average of 7 minutes and 6 seconds for other priority calls for service. Average response time for all calls (emergency and non-emergency) is 15 minutes and 3 seconds. All response times have increased since the FY 2020 report.
- Completed about 7,758 police/crime reports (down 7.6% from FY 2020)
- Issued about 6,670 traffic related citations/written warnings (down 19.3% from FY 2020).
- Conducted 5,041 traffic stops (down 39% from FY 2020).
- 1,196 Part I crimes were reported (down 42% from FY 2020) with a clearance rate of 41% (down 1% from 2020).
- Hired and trained nine (9) sworn police officers during FY 2021. Three (3) have since left.
- Acquired, outfitted, and trained with operation MRAP armored vehicle for Special Response Team. Acquired through LESO military-law enforcement surplus program.
- Acquired mobile Automated License Plate Reader (ALPR) system, which may be placed at any strategic location to alert officers to potential incoming crime threats, integrated with our current, permanently mounted ALPR system. Funded by LE Trust Fund.
- Acquired ICOR Mini-Caliber robotic system to enhance officer and public safety by increasing standoff distances from known threats while gathering better intelligence of critical situations. Funded by USDOJ grant and LE Trust Fund.
- Acquired Skydio X2 unmanned aerial system (drone). Funded by OB Police Foundation.
- Acquired four (4) pole-mounted radar speed feedback signs. Funded by USDOJ JAG grant.
- Acquired four (4) Rapid-ID fingerprint reader systems. Funded by OB Police Foundation.
- Acquired four (4) tactical ballistic shields. Funded by OB Police Foundation.
- Continued to train twelve (12) PD members and two (2) FD members for the Special Response Team.
- Continual equipment acquisition for the Special Response Team, including body armor kits, rifles, less-lethal munitions, breaching gear, Tactical Combat Casualty Care supplies, etc.
- Renewed acquisition of Narcan / Naloxone grant from Florida Department of Health; distribution to police personnel, with lives successfully saved as a result.
- Completed successful operations during numerous special events in the area to include:

POLICE OPERATIONS

ACCOMPLISHMENTS:

- Bike Week
 - Spring Break
 - Political protests (weekly, and sporadic)
 - Daytona Truck Rally
 - Biketoberfest
 - Pop-up “Invasion”-style events
 - Memorial Day Honor Ceremony
 - 9/11 Honor Walk
 - Several holiday toy drives
 - Mutual Aid to surrounding agencies for other events, escorts, etc.
- Continued use of Social Media to enhance the Police Department’s image and deploy information to the public.
 - It should be noted that procedures regarding call response and enforcement were widely affected by alternate Covid-19 protocols during this time period.

POLICE COMMUNITY OUTREACH

Community Outreach provides several educational and intervention-oriented programs that are designed to enhance life skills and prevent crime including:

- Drug Abuse Resistance Education (DARE)
- Police Athletic League (PAL)
- Explorers
- volunteers and neighborhood and business watches
- DARE program for middle schools

The program is supported in part through grant funding from the National Police Athletic League Youth Enrichment Program (PALYEP) and the Youth Leadership Council (YDC). In addition to City revenues that are the primary source of program funding, a not-for-profit PAL board raises funds for Police Athletic League activities.

POLICE-COMMUNITY OUTREACH

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
General Fund	465,835	523,971	587,579	63,608	12.14%
Total	465,835	523,971	587,579	63,608	12.14%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	423,146	477,379	534,329	56,950	11.93%
Operating	42,689	46,592	53,250	6,658	14.29%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	465,835	523,971	587,579	63,608	12.14%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Full-time Positions:					
Community Program Coordinator	1.00	1.00	1.00	0.00	0.00%
After School Aide	1.00	1.00	1.00	0.00	0.00%
Recreation Leader	1.00	1.00	1.00	0.00	0.00%
Police Officer	3.00	3.00	3.00	0.00	0.00%
Seasonal:					
Tutors	0.00	0.00	0.00	0.00	0.00%
Total	6.00	6.00	6.00	0.00	0.00%

POLICE-COMMUNITY OUTREACH

GOALS:

- The Crime Prevention/Outreach unit will continue to create and conduct programs to address the variety of needs of the community.
- The Crime Prevention/Outreach unit will continue to create and conduct events that provide information related to crime prevention. These events should also bring the community and their police department together to enhance the positive relationship already shared.
- The Crime Prevention/Outreach unit will develop and maintain positive relationships with the business owners in the city, neighborhood associations, children and citizens.
- Present Drug Abuse Resistance Education (DARE) educational programs to public and private school students and achieve a “graduation” rate of 100%.
- Provide PAL educational tutoring, science, and reading enhancement programs to 100 at risk youth in the Ormond Beach Community.
- Provide anti-bullying presentations to youth attending 5th grades at schools in the Ormond Beach community.
- Maintain the number of Police Officer hours (excluding time of assigned officers) in PAL activities at 200 annually.
- Maintain and expand community partnerships with Ormond Beach area schools through social events.
- Build a relationship with the Ormond Beach Middle School staff and students by using programs that bring officers into the school.
- Continue the 5-0 Club at the Ormond Beach Middle School, which brings presenters in to teach students about life skills.
- Continue our annual National Night Out, and make changes to fit our community’s needs.
- Train DARE Officer as a crime prevention practitioner, which is a series of (5) classes.
- Bring back Unity in the Community, that was previously cancelled due to the COVID Pandemic
- Maintain and expand partnerships with clergy members in our community to help with their needs.
- Perform Crime Prevention Surveys for business’ and schools, and provide a confidential in depth CPTED (Crime Prevention Through Environmental Design) and Crime Prevention report.
- Be an active part of the Police Academy to assist with recruiting new police officers.
- Actively attend recruiting events, and organize a recruitment board.
- Bring back Coffee with A Cop, which was previously suspended due to the COVID Pandemic.
- Use social media to reach out to our community about our events, and to have an open door for clear constant communication.

POLICE-COMMUNITY OUTREACH

ACCOMPLISHMENTS:

- “Back the Blue” Sports Challenge. Annual event took place at Riverbend Academy. The sporting exhibitions provided an opportunity for the students, staff, and the police department to strengthen their relationship.
- The annual “Shop with a COP” program was successful. This year we had a total of 25 participants.
- The 8th Annual “Santa on Patrol” was successful. This year yielded the most toy donations to the program. This resulted in more opportunities to make more stops around the city where around 800 children were contacted at city parks, pre-schools, elementary schools, and retail stores.
- Performed two fill “Fill the M-Rap” events to collect toys for Santa on Patrol and PAL.
- Ormond Beach Outreach Unit partnered with Academy Sports for a back to school shopping event. We had a total of 25 participants.
- “Coffee with a Cop” was conducted 1 time due to COVID restrictions.
- “Badges & Brunch” *Crimes Against Seniors* program was conducted at 4 locations within the city.
- “Mommy, Me & Safety” was conducted at the Casements as part of the *Mommy University* program. This program is focused on the safety of new mothers and their child. Topics like baby on board safe driving, tips for no baby left behind in a vehicle, securing their residence to prevent the child from leaving unattended and much more is covered.
- The 5.0 Club was conducted at the Ormond Beach Middle School with approximately 30 students in the class.
- Outreach presented the Ormond Beach Middle School with a Safety and Dangers of Social Media. This was presented to every student in the school.
- The annual National Night Out was a success. This was the first one planned after the COVID Pandemic, and there were approximately 800 attendees.
- The DARE Officer taught the 9 week DARE curriculum to (3) schools. There was a 100% graduation rate for all 550 students who attended.
- Outreach Officer attended DARE school, and took the first class toward becoming a Crime Prevention Practitioner.
- Assisted a member of our community who donated bicycles with a value of \$7500. Outreach partnered with Walmart, Ormond Beach and the local public schools to hold an event where approximately 60 children received bicycles and helmets
- Outreach set up a booth at the Ormond beach Halloween Highway, and passed out approximately 2000 candy bars
- Outreach attended 3 formal recruitments events, and stayed active with the police academy staff for a continued positive relationship.
- Outreach planned several Community Helper Days at local public and private school where children were presented with a vehicle static display, and educational material about safety. Students in grades 3, 4, and 5 from Ormond Beach Elementary School participated in the 2021 R.E.A.D. Reading Exploration Adventure and Discovery program. The goal of R.E.A.D is to increase reading skills in the areas of fluency, vocabulary and comprehension. Based on statistics collected by the school

POLICE-COMMUNITY OUTREACH

ACCOMPLISHMENTS:

in the majority youth attained learning gains on state tests as a result of participation in the program. Enrollment was limited to nine (9) students stay within COVID guidelines.

- The Tutors Are Us program provided an opportunity for eighty-two (82) youth in grades k-12 to receive one-on-one and small group instruction designed to assist each participant's specific academic goals. Sessions are offered in the Fall, Spring and Summer.
- Six (6) Youth Leadership Council (YLC) members qualified to attend the 2021 State of Florida Association of Police Athletic League's (SFAPAL) Annual Conference held in Orlando in July 2021. Attendance was limited do to COVID restrictions
- YLC participated/hosted in seven (7) community service projects in 2021 including a Blanket Drive for the homeless community, assisting with goody baskets for children for Easter, registration at the State of Florida PAL Cheerleading competition and Mother's Day cards for a local assisted living facility.
- Twenty-six (26) Ormond Beach Middle School Students in grades 6, 7 and 8 participated in Science on Patrol (SOP). SOP increases math and science skills through forensic science-based labs and scenarios.
- OBPAL hosted the 4th Annual Donut Dash 5K on April 24, 2021 at the Trails Shopping Center. Runner participation increased to 212. A partnership with the Daytona Running Series was established in 2021 featuring the DD5k as the final race of the series.
- Hosted the Annual OBPAL Holiday Program. Over 100 children and their families participated in the program which included a walk though toy evening and Secret Santa deliveries of bikes and specialty toys.
- OBPAL Basketball program teams participated in six (6) tournaments in 2021. The 10th grade team placed 1st in their division at the Super 6 Tournament. The 14U team placed 3rd in the State of Florida Association of Police Athletic/Activities League Tournament.

POLICE-CRIMINAL INVESTIGATIONS

The Criminal Investigations program provides follow up investigations on over 1,500 UCR reported crimes annually and conducts pro-active investigations into illegal drug sales and possession.

POLICE-CRIMINAL INVESTIGATIONS

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
General Fund	1,249,222	1,378,597	1,491,988	113,391	8.23%
Total	1,249,222	1,378,597	1,491,988	113,391	8.23%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	1,168,154	1,330,382	1,425,915	95,533	7.18%
Operating	81,068	48,215	66,073	17,858	37.04%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	1,249,222	1,378,597	1,491,988	113,391	8.23%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Full-time Positions:					
Police Officer	7.00	7.00	7.00	0.00	0.00%
Sergeant	1.00	1.00	1.00	0.00	0.00%
Corporal	2.00	2.00	2.00	0.00	0.00%
Victim Advocate Coordinator	1.00	2.00	2.00	0.00	0.00%
Evidence/Crime Scene Supervisor	1.00	1.00	1.00	0.00	0.00%
Evidence/Crime Scene Technician	1.00	1.00	2.00	1.00	100.00%
Office Assistant	1.00	1.00	1.00	0.00	0.00%
Part-time Positions:					
Evidence/Crime Scene Custodian	0.50	0.50	0.00	-0.50	100.00%
Total	14.50	15.50	16.00	0.50	3.23%

POLICE-COMMUNITY SERVICE AND ANIMAL CONTROL

Community Services provides operational and logistical support to other police department functions such as:

- animal control
- police forensics
- alcohol breath testing
- traffic control
- communications

The program's animal control responsibilities include the investigation, documentation and tracking of animal bite complaints and dangerous/vicious animals throughout the city.

The program also serves as a proving ground for employees seeking to become sworn law enforcement officers with the Police Department.

POLICE-COMMUNITY SERVICE AND ANIMAL CONTROL

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
General Fund	335,046	380,455	438,297	57,842	15.20%
Total	335,046	380,455	438,297	57,842	15.20%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	288,184	318,039	359,103	41,064	12.91%
Operating	46,862	62,416	79,194	16,778	26.88%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	335,046	380,455	438,297	57,842	15.20%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Full-time Positions:					
Community Service Officer	4.00	4.00	4.00	0.00	0.00%
Lead Community Service Officer	1.00	1.00	1.00	0.00	0.00%
Total	5.00	5.00	5.00	0.00	0.00%

POLICE-COMMUNITY SERVICE AND ANIMAL CONTROL

GOALS:

- Promote responsible pet ownership through public awareness speaking at H.O.A. meetings and “Career Days” at schools in the area.
- Double the amount of City Animal Licenses sold to residents through advertising, in the city water bill and social media.
- Expand public awareness and education regarding the availability of Low Cost Spay and Neuter programs.
- Increase the number of animals returned to owners from the Police Department without having to transport to the Humane Society to keep impound fees down social media has been a big help in reuniting animals with their families.
- Increase training and awareness of animal cruelty and dangerous dog issues.
- Partnering with ASPCA Low Cost Vaccination Clinic to assist residents pet vaccination needs.
- Equipping 1 trained CSO with all needed equipment for Chemical Capture
- Send CSO's to continuing education Training Classes now that the classes are becoming more available.
- Making sure the CSO's have all the protective equipment needed to conduct the job safely.

ACCOMPLISHMENTS:

- Community Service Officers continue to fit children with helmets for safe bicycle riding.
- No CSO reported Injuries.
- Continuing to assist patrol with low priority calls like Found and lost property.
- Continue to maintain the Mobile Speed Trailer Fleet.
- Hired and Trained 2 New CSO's
- Continue to participate in community helper day's and speak with children various schools about animal safety and handling.
- Maintain the RTF program for the City with great success, and monetary savings to the City.

POLICE-RECORDS MANAGEMENT

Records Management provides internal upkeep and management of all Police Department records through a computerized records management system, processing approximately 18,000 to 20,000 reports and citations annually. Records personnel also serve as the point of first contact in person representing the Ormond Beach Police Department to respond to information requests. Records personnel are also first point of contact for many incoming telephone calls.

POLICE-RECORDS MANAGEMENT

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
General Fund	124,698	172,361	194,023	21,662	12.57%
Total	124,698	172,361	194,023	21,662	12.57%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	115,454	158,086	178,998	20,912	13.23%
Operating	9,244	14,275	15,025	750	5.25%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	124,698	172,361	194,023	21,662	12.57%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
<u>Full-time Positions:</u>					
Records Clerk	3.00	3.00	3.00	0.00	0.00%
Total	3.00	3.00	3.00	0.00	0.00%

POLICE-RECORDS MANAGEMENT

GOALS:

- Continually purge the old report documents that have met the retention schedule. Keeping up to date on the purging will enable the records Unit to have more usable space.
- Maintain an entry rate of 100% for reports and citations that are continually submitted to the unit on a daily basis.
- Maintain the transfer of Uniform Crime Reports entries between the two separate reporting systems with no more than 5 days of backlog.
- Work towards a completely paperless records management system.
- Streamline the report submission process.
 - Implement the use of the Trespass Form in the TRACS software for paperless submission.
 - Negate the need for an incident report where a charging affidavit is completed.
- Create a master calendar of repetitive tasks that must be completed by the unit.

ACCOMPLISHMENTS:

- Successfully uploaded the Uniform Crime Report statistics to the Florida Department of Law Enforcement on time as required.
- Continue to improve and restructured the work flow of the records department.
- Streamlined the report submission process for Baker Act Forms through paperless submission using the TRACS software.
- Streamlined the maintenance of different logs within the unit, creating paperless entry versions submitted to the "PD Records" Drive.
- Hired and trained a new Records Clerk
- Converted Position in unit to Supervisor Position
- Promoted a clerk to Lead Records Clerk.

NEIGHBORHOOD IMPROVEMENT

Neighborhood Improvement investigates approximately 5,600 cases annually to ensure compliance with City codes and ordinances through inspections, neighborhood sweeps, and citizen complaints and inquiries. More specifically, Neighborhood Improvement enforces the City's Land Development Code requirements regarding land use and development regulations, sign usage, as well as environmental code requirements. This Division also enforces the regulations contained in the Code of Ordinances with regard to water restrictions, solid waste and various other regulations. In addition, Neighborhood Improvement processes approximately 760 tree removal permits, conducts approximately 940 landscape inspections for new residential construction, and approximately 75 landscape maintenance inspections on existing commercial sites.

Neighborhood Improvement also coordinates a "partnering" effort with neighborhood associations, interested citizens and civic organizations.

NEIGHBORHOOD IMPROVEMENT

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Code Violations	96,422	28,000	28,000	-	0.00%
General Fund	265,999	402,544	432,629	30,085	7.47%
Total	362,420	430,544	460,629	30,085	6.99%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	336,002	397,820	416,605	18,785	4.72%
Operating	26,418	32,724	44,024	11,300	34.53%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	362,420	430,544	460,629	30,085	6.99%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
<u>Full-time Positions:</u>					
Neighborhood Improvement Manager	1.00	1.00	1.00	0.00	0.00%
Environmental Enforcement Officer	1.00	1.00	1.00	0.00	0.00%
Neighborhood Improvement Officer	3.00	3.00	3.00	0.00	0.00%
Office Assistant III	1.00	1.00	1.00	0.00	0.00%
Total	6.00	6.00	6.00	0.00	0.00%

NEIGHBORHOOD IMPROVEMENT

GOALS:

- Hire outside vendor to perform services related to Environmental Improvement duties (ISA Certified Arborist) as we continue to search for our future Environmental Officer (full time).
- Expedite the code enforcement notification process with the use of new equipment/technology (Tyler/Munis) as provided by the Information Technology Division. The use of Tyler has begun regarding the tracking of NID citation payment(s).
- Continue proactive pursuit of outstanding balances related to fine amounts and/or services rendered prior to the lien process.
- Achieve full staffing levels and provide all code related education/training as time and resources allow.
- Successfully complete a community partnership project to assist residents that face life challenges which delay/prevent code violations from ultimate compliance.

PERFORMANCE MEASURES:

	Actual FY 2020-21	Estimate FY 2021-22	Estimate FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Number of proactive cases	169	78	82	4	5.13%
Number of reactive cases/complaints	1,682	1,054	1,107	53	5.03%
Days from complaint to first inspection	Less than 48 hrs	Less than 48 hrs	Less than 48 hrs	-	-
Total cases brought into compliance prior to citation	1,633	1,005	1,055	50	4.98%

ESTIMATES
IMPACTED BY
MANPOWER
ISSUES
and
FSS 162.06(b)

ESTIMATES
IMPACTED BY
MANPOWER
ISSUES
and
FSS 162.06(b)

ACCOMPLISHMENTS:

- As a proactive approach to unsafe structures, the Unsafe Structure Abatement Team (USAT) has been formed and continues to exist. USAT is comprised of the Chief Building Official, City Engineer, Fire Chief, Neighborhood Improvement Division Manager, and a Police Officer. The purpose of USAT is to set forth standards to ensure that structures are safe, sanitary and fit for occupancy and use, the closing and vacating of buildings and structures unfit for human occupancy and use, and if necessary, the demolition of such existing structures.
- Should the Chief Building Official determine that an unsafe structure does not meet the criteria for demolition, the Neighborhood Improvement Division can present the matter before a magistrate and pursue compliance through the hearing process.
- The Neighborhood Improvement Division has significantly reduced the use of paper files except for cases going before the Special Magistrate, cases which have resulted in a City contractor abating the violation, and for new trainees.
- Waste Pro has committed to providing a commercial roll-off container for a community partnership project.

CITY FIRE SUPPRESSION AND EMERGENCY MEDICAL SERVICES

The Fire Department is responsible for providing fire protection, technical rescue, hazardous material response/mitigation and emergency medical services within the city limits of Ormond Beach from four (4) fire station locations. The Department personnel include firefighters many of which are certified as Emergency Medical Technicians (EMT's) and certified as paramedics.

CITY FIRE SUPPRESSION AND EMERGENCY MEDICAL SERVICES

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
General Fund	6,642,815	6,245,373	6,731,586	486,213	7.79%
Total	6,642,815	6,245,373	6,731,586	486,213	7.79%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	5,855,923	5,421,854	5,646,502	224,648	4.14%
Operating	786,892	823,519	1,085,084	261,565	31.76%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	6,642,815	6,245,373	6,731,586	486,213	7.79%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
<u>Full-time Positions:</u>					
Fire Battalion Commander	3.00	3.00	3.00	0.00	0.00%
Captain	12.00	12.00	12.00	0.00	0.00%
Driver Engineer	12.00	12.00	12.00	0.00	0.00%
Firefighters	18.00	18.00	18.00	0.00	0.00%
Fire Chief	1.00	1.00	1.00	0.00	0.00%
Deputy Fire Chief	1.00	1.00	1.00	0.00	0.00%
Office Manager	1.00	1.00	1.00	0.00	0.00%
Total	48.00	48.00	48.00	0.00	0.00%

CITY FIRE SUPPRESSION AND EMERGENCY MEDICAL SERVICES

GOALS:

- Continue evaluating the fire-rescue system and procedures to improve service.
- Continue to explore cost savings opportunities without reducing services.
- Continue apparatus replacement program - Evaluate apparatus needs; type and function for current, as well as, future needs. Replacement of secondary units such as Brush Trucks, Marine Vessels, Command units.
- Public Fire Safety & EMS Education - Continue delivering public fire safety and EMS education to our residents and ensure all residents have working smoke detectors.
- Grant Assistance - Continue to seek and apply for grant opportunities that will enhance our service delivery.

PERFORMANCE MEASURES:

	Actual FY 2020-21	Estimate FY 2021-22	Estimate FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
100- Fires Total number of calls dispatched as building fires	117	96	100	4	4.17%
200- Overpressure Rutures, Explosions	3	2	4	2	100.00%
300- Emergency Medical Services	4,435	3,926	4,000	74	1.88%
400-Hazardous Condition	139	136	150	14	10.29%
500- Service Calls	1,361	1,206	1,300	94	7.79%
600- Good Intent Calls	1,332	1,050	1,100	50	4.76%
700- False Alarms	338	364	375	11	3.02%
800- Severe Weather	2	2	2	-	0.00%
900- Special Incident Type	7	7	7	-	0.00%
Real Property Value	94,128,103	16,000,000	17,600,000	1,600,000	10.00%
Fire Loss	2,610,600	1,600,000	1,760,000	160,000	10.00%
Property Saved	91,517,503	14,400,000	15,840,000	1,440,000	10.00%
Public Education Events	31	30	40	10	33.33%
Total number of people touched by Public Education	1,500	2,500	3,000	500	20.00%

CITY FIRE SUPPRESSION AND EMERGENCY MEDICAL SERVICES

ACCOMPLISHMENTS:

- Fire-Rescue responded to a total of 7,734 incidents, with. 3,299 fire-related calls for service and 4,435 Emergency Medical calls for service. Fire Loss Analysis – estimated property loss of \$2,610,000, with estimate of \$91,517,503 of property saved.
- Creation of new Public Safety Fund, supported and approved by City Commission.
- Placed two new, fully-equipped Fire Engines into service in September 2021.
- Secured funding under CARES act for replacement of new P25 compliant radios City-wide (\$900,000+ project), saving budgetary funding.
- Completion of Phase II of five-year Opticom upgrade project, replacing equipment at seven (7) intersections in the city with GPS technology, increasing responder and public safety during emergency responses.
- Set up account to purchase medical supplies at Broward Logistics at a reduced cost. This solved issues with supply shortages and increased prices due to COVID.
- Continued new COVID-19 protocols/procedures in 2021, helping to minimize impacts to staffing during the pandemic.
- Due to COVID, minimal public events and interactions were held, for the safety of the public and fire department members.

BUILDING INSPECTIONS AND SERVICES

Building Inspections provides the following services:

- review of all construction plans for residential, commercial and industrial construction
- issuance of approximately 3,000 building permits annually
- conducts approximately 13,000 building, plumbing, mechanical and electrical inspections for various types of construction within the City limits of Ormond Beach in accordance with the Florida building Code and other State and local laws.

Occupational Licensing provides the following services:

- issuance of occupational license renewals
- issuance of new occupational licenses
- completion of contractor registrations

BUILDING INSPECTIONS AND SERVICES

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Permit Fees	1,082,898	1,101,000	1,535,000	434,000	39.42%
General Fund	14,799	(22,556)	(371,330)	(348,774)	1546.26%
Total	1,097,696	1,078,444	1,163,670	85,226	7.90%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	940,514	946,713	1,018,467	71,754	7.58%
Operating	157,182	131,731	145,203	13,472	10.23%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	1,097,696	1,078,444	1,163,670	85,226	7.90%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Full-time Positions:					
Chief Building Official	1.00	1.00	1.00	0.00	0.00%
Planning Director	0.00	0.00	0.00	0.00	0.00%
Office Manager	1.00	1.00	1.00	0.00	0.00%
Permit Technician	3.00	3.00	3.00	0.00	0.00%
Plans Examiner	1.00	1.00	1.00	0.00	0.00%
Chief Building Inspector	1.00	1.00	1.00	0.00	0.00%
Building Inspector	2.00	3.00	3.00	0.00	0.00%
Engineering Inspector	2.00	2.00	2.00	0.00	0.00%
Total	11.00	12.00	12.00	0.00	0.00%

BUILDING INSPECTIONS

GOALS:

- To provide building reviews and inspections to protect the health, safety, and general welfare of the public related to building design, construction, improvements, repair, or demolition.
- To complete permit reviews within adopted timeframes.
- Continue providing time sensitive inspection response (next business day) to contractors and homeowners.
- Implement the conversion of the Tyler permitting system.
- To provide education and training of the use of the ProjectDox permitting system.
- To assist new business owners in the completion of the business tax receipt process and providing renewal notices to existing business owners.
- Provide training and professional development for building inspectors and permit technicians.

➤ ACCOMPLISHMENTS:

- 100% of all building plans were submitted electronically.
- Maintained 24 hour inspection turnaround for all requests.
- Continued to provide external user training for ProjectDox to Engineers, Architects and builders.
- Completed several complex new building construction projects including Ace Hardware, GRPI, Ormond Memorial Art Museum, Paradise Pointe, and Total Comfort, Ormond Grande and the Pineland subdivision new single-family construction.
- Updated building fee schedule.

ROADSIDE AND RIGHT OF WAY MAINTENANCE

The Roadside and Right-of-Way Maintenance program is responsible for the maintenance and repair of City Parks and Properties, 150+ mile network of local roads and related public right of way, including:

- vegetation and debris maintenance of road shoulders, and sidewalks
- right-of-way mowing on a contractual basis
- maintenance and grading of 11 miles of unpaved roads and parking lots that are under the maintenance responsibility of the City
- mowing at the Business Park, Airport and the closed class III Landfill

Program costs are offset in part by the Florida Department of Transportation (FDOT) for road shoulder maintenance and mowing rights-of-way on State roads within the City limits of Ormond Beach. Approximately 98 lane miles of roads are maintained in accordance with an agreement between the City and FDOT for State Road 40, US 1, Nova Road, and A1A (10 lane miles added on Nova Rd). Approximately \$99,000 of the \$175,000 FDOT contract amount offsets road maintenance costs with the balance dedicated to drainage maintenance.

In-house city personnel provide the services listed above except for right-of-way mowing which is a contracted operation.

ROADSIDE AND RIGHT-OF-WAY MAINTENANCE

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Right of Way Maintenance	127,138	116,000	125,000	9,000	7.76%
Traffic Signal Maintenance	98,275	100,000	100,000	-	0.00%
State Highway Lighting	128,563	125,000	135,000	10,000	8.00%
General Fund	1,705,314	1,886,185	2,165,485	279,300	14.81%
Total	2,059,289	2,227,185	2,525,485	298,300	13.39%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	966,282	1,086,450	1,250,338	163,888	15.08%
Operating	1,093,007	1,140,735	1,275,147	134,412	11.78%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	2,059,289	2,227,185	2,525,485	298,300	13.39%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Full-time Positions:					
Public Works Operations Mgr.	0.00	0.00	0.00	0.00	0.00%
Streets Supervisor	1.00	1.00	1.00	0.00	0.00%
Foreman	1.00	1.00	1.00	0.00	0.00%
Maintenance Worker II	9.00	9.00	9.00	0.00	0.00%
Maintenance Worker III	4.00	4.00	4.00	0.00	0.00%
Maintenance Worker IV	3.00	3.00	3.00	0.00	0.00%
Office Assistant II	0.00	0.00	0.00	0.00	0.00%
Public Works Director	1.00	1.00	1.00	0.00	0.00%
Total	19.00	19.00	19.00	0.00	0.00%

ROADSIDE AND RIGHT OF WAY MAINTENANCE

GOALS:

- Respond to calls for customer service by the end of business daily and within 1 hour for after hour call-outs.
- Respond to non-Public Works related work orders by end of business for scheduling.
- Incur no more than twelve (12) reported deficiencies on FDOT inspections yearly.
- Complete FDOT deficiencies with 14 working days.
- Assist in providing traffic control for special events.
- Assist with emergency management issues as they arise.
- Work to create greater efficiency in all aspects of street maintenance and repair.

ACCOMPLISHMENTS:

Street & Right of Way Maintenance

- 11 miles of shell roads were graded. Projected 12 miles in FY 22/23.
- 2,049 maintenance work orders were completed. Projected 2,700 maintenance w/o in FY 22/23.
- 110 maintenance work orders were completed on FDOT roads. Most of the R/W maintenance was removed from the FDOT MOA. Projected 100 maintenance work orders for FY 22/23.
- 1,315 man-hours were expended assisting other City departments. Projected 1,500 man-hours assisting other departments in FY 22/23.
- 698 man-hours working for other departments were for maintenance in City Parks. Projected 700 in FY22/23.

Asphalt Maintenance

- 113 asphalt work orders were completed repairing city streets, requiring 410 tons of asphalt and 53 bags cold patch. Projected 115 asphalt work orders in FY 22/23, 125 tons of asphalt.

Concrete Maintenance

- 184 work orders were completed for repairs to City sidewalks, curbs, gutters and catch basin aprons, requiring 108 cubic yards of concrete, 80 tons of recycled concrete and 150 tons of limerock base material towards a grand total of 1180 cubic yards of road base materials purchased and 120 bags of Portland cement. Projected 200 concrete work orders, 150 cubic yards of concrete, 110 tons of recycled concrete and 150 tons of limerock base material in FY 22/23.
- There were 27 work orders completed on FDOT walks, curbs, and gutters, requiring 15 cubic yards of concrete. Concrete sidewalk repair is no longer in the FDOT MOA in FY 22/23, except for the Streetscape, TIF District.

Sign Maintenance

- There were 297 work orders completed for Traffic Sign installation and repair. Projected 500 work orders for Traffic Sign installation and / or repairs FY 22/23.

Urban Forestry

- There were 104 trees removed from City R/W's or properties and 6 trees were removed from FDOT R/W's. Projected FY 22/23 to remove 60 trees from City R/W's or properties and remove 6 trees from FDOT ROW's .

ENGINEERING

The Engineering Department is responsible for the following functions:

- Liaison with consultant engineers for the design and construction management for airport, road, drainage, water and sewer, recreational facility, beautification and other capital improvement projects.
- Survey and mapping and computer aided design for in-house projects that are not contracted to a consultant engineer.
- Site plan review and permitting of proposed development applications and inspection of all residential and commercial development projects.

ENGINEERING

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
General Fund	971,757	1,088,022	1,201,983	113,961	10.47%
Total	971,757	1,088,022	1,201,983	113,961	10.47%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	929,146	1,037,772	1,127,074	89,302	8.61%
Operating	42,611	50,250	74,909	24,659	49.07%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	971,757	1,088,022	1,201,983	113,961	10.47%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Full-time Positions:					
City Engineer	1.00	1.00	1.00	0.00	0.00%
Civil Engineer	1.00	1.00	1.00	0.00	0.00%
Chief Engineering Technician	1.00	1.00	1.00	0.00	0.00%
Construction Engineer	1.00	1.00	1.00	0.00	0.00%
Engineering Inspector	3.00	3.00	3.00	0.00	0.00%
Deputy City Engineer	1.00	1.00	1.00	0.00	0.00%
Engineering Project Coordinator	1.00	1.00	1.00	0.00	0.00%
Landscape Architect	1.00	1.00	1.00	0.00	0.00%
Permit Technician	1.00	1.00	1.00	0.00	0.00%
Engineering Technician	1.00	1.00	1.00	0.00	0.00%
Total	12.00	12.00	12.00	0.00	0.00%

ENGINEERING

GOALS:

- Coordinate with all departments to complete CIP projects in a timely manner.
- Assist Leisure Service in the completion of a Parks & Recreation Master Plan.
- Assist Public Works in the completion of a Stormwater Master Plan.
- Implement the recommendations of the Downtown Master Plan within Cassen Park
- No work-related injuries
- Maintain the staffing levels at 90% or greater.
- Provide education/training toward maintain licensure as time and resources allow.
- To enhance the quality of life for the residents and visitors in Ormond Beach through effective, efficient, courteous, and responsive engineering services.
- Implement and maintain traffic calming program.
- Assist with emergency project management as projects arise.
- Complete 75% of assigned capital improvement projects within 30 days of the substantial completion date established with the Notice to Proceed.
- To receive 85% of bids below Engineer's final design cost estimate.
- Increase public involvement in City projects
- Strive to complete franchise and stormwater permit reviews within streamlined timeframes.
- Assist Utilities with Plant improvement projects and maintaining regulatory permitting compliance
- Maintain regulatory permit compliance at the Nova Landfill
- Continue success of preventive maintenance projects including the road repaving, storm water lining, and Sanitary sewer I&I.
- Complete the N US1 watermain and force main project, SONC Gym expansion, and MacDonald House repairs.

ACCOMPLISHMENTS:

2022 Roadway Rehabilitation - Resurfacing – Completed the annual road resurfacing contract with approximately 5 miles of City streets repaved.

2022 Storm & Sewer Pipe Lining – Performed restoration improvements to existing deteriorated and leaking stormdrain and sewer pipe at various locations throughout the City, using cured-in-place pipe lining.

2-Inch Water Main Replacement – Ph IV – Completed design for phase four of the project to replace sub-standard 2-inch diameter water mains. There will be two separate projects for the North Peninsula and Mainland.

385 South Olde Kings Road – Completed the site remediation and debris removal at the property which included performing a Phase II Site Assessment, demolition of the existing structure, an asbestos survey, drum disposal, debris removal, and related activities to clear the property for use by the City.

ENGINEERING

ACCOMPLISHMENTS:

ARBP ADA Ramp Repair – Designed and constructed repair/replacement of the ADA beach ramp at Andy Romano Beachfront Park that had been damaged repeatedly by storm surge.

CDBG Central Park Playground – Constructed a new playground to replace the existing that was installed in the late 1990's and is beyond its useful life. The project was partially funded by a Community Development Block Grant.

CDBG Fleming Playground – Designed and constructed the replacement of the playground off Fleming Avenue in Central Park I that was installed in the 1990's and was beyond its useful life. The project was partially funded by a Community Development Block Grant.

CDBG Sidewalk Repairs – Designed repairs to the sidewalks on the west side of South Washington Street. Construction will be partially funded by a Community Development Block Grant.

Facility Hardening – Designed and commenced construction on a Hurricane Wind Retrofit project at five City facilities to replace existing windows and doors with impact-rated windows and doors. The project is partially funded by a FDEM/FEMA Hazard Mitigation Grant Program grant.

Fiber Optic Improvements – Constructed a fiber optic line for connection to SCADA for the Wilmette Pump Station project in process.

Gazebo Replacement CP II #2 – Replaced the second Central Park II gazebo originally installed in the early 1990's and beyond its useful service life.

Leeway Storage Tank & Pump Station Rehab – Commenced design of this project for the rehabilitation of the elevated steel tank, and replacement of pumps and controls, and discharge piping modifications.

MacDonald House Restoration – Completed construction of all phases of renovations to repair and restore the exterior of the MacDonald House. This project was partially funded by an ECHO Grant.

Nova Community Park Tennis Court Lighting Improvements – Completed construction to add new LED lighting to courts 1 – 4, and to replace existing lighting on tennis courts 5 and 6 which was installed in the mid-1990's, with LED lighting. The project was partially funded by an ECHO Grant.

Parks & Recreation Master Plan Update – Completed the City's Parks and Recreation Master Plan Update.

ENGINEERING

ACCOMPLISHMENTS:

Police Station Access Control – Replaced four existing outdated access control and surveillance systems, with one new consolidated global system.

Police Station Chiller Replacement – Completed replacement of the chiller.

Police Station HVAC Upgrades – Commenced design of upgrades to the HVAC controls and pumps thermostats, VAV boxes and air handler.

Sanchez Park Playground Equipment Replacement – Constructed new playground equipment at Sanchez Park that was destroyed by fire.

Shadow Crossings Water Storage Tank Repair – Constructed repairs to the exterior of the pre-stressed composite reclaimed water storage tank.

Shell Parking Lot Restoration – Completed work on the Sanchez Park parking lot, the first project in the new annual maintenance program.

SONC Gym – Construction commenced for the new gym. The project is partially funded by a Daytona Beach Racing and Recreational Facilities District grant.

Wilmette Avenue Stormwater Pump Station – Completed construction of a permanent stormwater pump station for the Wilmette Avenue crossing of Laurel Creek. The project was partially funded by a Florida Division of Emergency Management Hazard Mitigation grant.

WRF Upgrades – Commenced design for upgrades to the Water Reclamation Facility to include master lift station pump replacement, sludge decant building rehab, bulk polymer tank improvements, post anoxic mixer installation, clarifier weir covers and grout launders, and chemical feed building repair/replacement.

WTP Improvements – Completed design and commenced construction on this water treatment plant project which includes rehabilitation of the aerator, clearwell, transfer pumps, and splitter box.

FLEET OPERATIONS

Fleet Operations is a support service function of city government provides a comprehensive array of repair and preventative maintenance services for a fleet of approximately 229 vehicles and 399 pieces of equipment and other non-rolling stock. Fleet Operations core services include:

- maintaining a parts shop and inventory
- coordination of all sublet repairs
- management of the City's vehicle replacement program
- overseeing operations of the City's central fueling facility
- maintaining management and billing information for all vehicles and equipment

As an "internal service" operation, Fleet Maintenance recovers its labor and overhead through an hourly labor rate billed to user departments and from a 25% surcharge levied on parts and sublet repairs and a 10% surcharge on fuel. The cost of all parts and sublet repairs are charged directly to the user department.

FLEET OPERATIONS

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
General Fund	1,385,695	1,380,289	1,908,683	528,394	38.28%
Total	1,385,695	1,380,289	1,908,683	528,394	38.28%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	370,906	356,156	383,771	27,615	7.75%
Operating	1,014,789	1,024,133	1,524,912	500,779	48.90%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	1,385,695	1,380,289	1,908,683	528,394	38.28%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
<u>Full-time Positions:</u>					
Garage Supervisor	1.00	1.00	1.00	0.00	0.00%
Fleet System Specialist	1.00	1.00	1.00	0.00	0.00%
Mechanic II	1.00	1.00	1.00	0.00	0.00%
Mechanic III	2.00	2.00	2.00	0.00	0.00%
<u>Part-time Positions:</u>					
Courier (part-time)	0.50	0.50	0.50	0.00	0.00%
Total	5.50	5.50	5.50	0.00	0.00%

FLEET OPERATIONS

GOALS:

- Focus Fleet Operations on rolling stock by limiting subletting of small repairs and maintenance of handheld equipment.
- Maintain vehicle downtime of no more than 8% for all Fire and Police vehicles.
- Maintain an average productivity rate for all mechanics of 85% that generates billable labor rate hours from work orders.
- Achieve ASE Blue Seal of Excellence for 15th consecutive year.
- Continue to provide for efficient, timely and cost-effective delivery of repair and maintenance service to the City.
- Pursue options for succession planning within Fleet Operations
- Continue implementation of cost savings on sublet work orders

ACCOMPLISHMENTS:

- Achieved ASE Blue Seal of Excellence for 15th consecutive year.
- Achieved a downtime rate of 6.8% for all emergency vehicles.
- Continued reduction in parts inventories by Identifying obsolete parts and provide a cost-effective recovery and disposal program.
- Continue being a GM Warranty Certified repair facility.

ECONOMIC DEVELOPMENT

The City's Economic Development Department promotes development and redevelopment in Ormond Beach, including the Airport Business Park, downtown, and other areas within the community. In addition, Economic Development works closely with private property owners and City and County officials in the creation and development of a business park in the area along north US1 and Interstate 95. Economic Development also markets the City of Ormond Beach to prospective businesses and visitors.

ECONOMIC DEVELOPMENT

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
General Fund	285,453	382,023	400,799	18,776	4.91%
Total	285,453	382,023	400,799	18,776	4.91%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	132,986	153,385	164,268	10,883	7.10%
Operating	89,072	146,931	119,645	(27,286)	-18.57%
Capital	-	-	-	-	0.00%
Economic Incentives	63,396	81,707	116,886	35,179	43.06%
Total	285,453	382,023	400,799	18,776	4.91%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
<u>Full-time Positions:</u>					
Economic Development Dir.	1.00	1.00	1.00	0.00	0.00%
Total	1.00	1.00	1.00	0.00	0.00%

ECONOMIC DEVELOPMENT

GOALS:

- Retain industrial businesses through visitation program and assist with expansion projects.
- Conduct annual Business Retention Survey of target industry in the City to keep a pulse on business sentiment.
- Work with key target businesses in plant expansion and job creation initiatives.
- Collaborate with economic development partners to market & attract out-of-state businesses/visitors to the City.
- Develop/Implement Main Street economic development initiatives.
- Manage City's Business Park including:
 - Prepare marketing material and promote development opportunities at the airport and business park for attraction and expansion of target industry.
 - Work closely with businesses on improvements to the electrical and internet infrastructure.
 - Work with Public Works to develop plans and construct the extension of Signal Avenue/Tower Circle East into the Southwest Quadrant of the Airport and construct Runway Drive, a secondary access road for the Airport Business Park.
- Publish and distribute quarterly Economic Development newsletter.
- Update the Economic Development Plan Strategic Plan.
- Work closely with Tomoka Holdings to open up land in the Ormond Crossings master development project.

ACCOMPLISHMENTS:

- Worked with businesses throughout the City to retain and expand their operations and employment base, including Germfree and Maxton Group.
- Worked in partnership with the Volusia County Division of Economic Development to distribute Small Business and Home Based Business Grants to businesses impacted by the 2020 pandemic.
- Updated economic development marketing material to promote business attraction in the City, Ormond Crossings, Ormond Beach Airport and Business Park.
- Published four Ormond Beach Economic Development Update Newsletters to the business community.
- Ormond Beach became a local affiliate and launched the FastTRAC Program as part of the National League of Cities and Ewing Kauffman Foundation's City Innovation Ecosystems (CIE) program. In partnership with the Volusia/Flagler SCORE Chapter the City hosted an initial program in early Spring.
- In collaboration with the Ormond Beach Chamber of Commerce, hosted Startup Grind Fireside Chats for entrepreneur and start-up community.
- The design work for Runway Drive, a collector roadway in the airport business park is complete.
- Provided leadership and consultation to the Ormond Beach Chamber of Commerce, Main Street Inc., and Team Volusia EDC organizations to improve the business climate in the City.

PARKS AND GROUNDS MAINTENANCE

Parks and grounds maintenance program is responsible for:

- routine grounds maintenance
- mowing, general beautification and upkeep of all City's parks and on-site buildings to include:
 - grass mowing
 - flower bed and shrub maintenance
- maintenance and trash collection of the medians along AIA and State Road 40

With the exception of the Memorial Art Gardens, all parks and ground maintenance is performed on a contracted basis.

PARKS AND GROUNDS MAINTENANCE

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
General Fund	2,252,009	2,326,992	2,445,146	118,154	5.08%
Total	2,252,009	2,326,992	2,445,146	118,154	5.08%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	336,704	344,846	387,877	43,031	12.48%
Operating	1,915,305	1,982,146	2,057,269	75,123	3.79%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	2,252,009	2,326,992	2,445,146	118,154	5.08%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Full-time Positions:					
Maintenance Foreman	1.00	1.00	1.00	0.00	0.00%
Contract Manager	1.00	1.00	1.00	0.00	0.00%
Tradesworker	1.00	1.00	1.00	0.00	0.00%
Maintenance Worker II	1.00	1.00	2.00	1.00	100.00%
Seasonal Positions:					
Maintenance Worker II (1)	0.00	0.00	0.00	0.00	0.00%
Part-time Positions:					
Maintenance Worker II (4)	2.00	2.00	1.00	-1.00	-50.00%
Total	6.00	6.00	6.00	0.00	0.00%

PARKS AND GROUNDS MAINTENANCE

GOALS:

- Ensure all parks and grounds are inspected biweekly to ensure safety, accessibility and cleanliness
- Monthly safety training
- Quarterly meetings with park staff to discuss progress and course of maintenance
- Additional leaf blowing removal/pressure washing of added concrete and wood paths
- Assist building maintenance in preparation for holiday decorations
- Develop need assessments to prioritize enhancements and/or replacement projects and relay information in weekly appraisal meetings with Building Maintenance Supervisor
- Maintain the appearance of City parks and facilities through regular maintenance
- Assist Building Maintenance with large projects

PERFORMANCE MEASURES:

	Actual FY 2020-21	Actual FY 2021-22	Estimate FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Number acres of passive park	79	79	79	-	0.00%
Number of acres of active park	528	528	528	-	0.00%
Number of park acres maintained	607	607	607	-	0.00%
Number of volunteer hours	13,739	20,000	30,000	10,000	50.00%
Number of children registered in summer programs	78	110	125	15	13.64%
Number of available spaces in summer programs (number of registered that are placed)	53	126	146	20	15.87%
Number of children in jurisdiction	7,703	7,830	7,908	78	1.00%

PARKS AND GROUNDS MAINTENANCE

ACCOMPLISHMENTS:

- Maintained files for photographs and supporting documents
- Regular safety training classes
- Engraved, constructed and installed 25+ pads, benches and trash receptacles
- Followed standard work schedule for all part-time and full-time employees covering all parks for each week
- Continuation of repairs as required in the parks
- Weekly meetings with Parks staff to discuss progress and course of maintenance
- Additional leaf blowing and pressure washing of added concrete and wood paths
- Communicated with Building Maintenance the park needs to ensure buildings are clean, safe, and inviting to the public
- Worked with Building Maintenance in preparation for holiday decorations to be placed around the City
- Maintained a high level of appearance and safety
- Continual support of the Riverbend Bike Trail
- Brought two, new part-time employees onboard
- Brought a new full-time employee onboard
- Number of accomplishments cross with Building Maintenance
- Vadner Park fountain and construction assistance
- Organize a new container for Parks supplies

LEISURE SERVICES ADMINISTRATION/REGISTRATION

Leisure Services Administration provides the executive leadership and guidance necessary to carry out the mission, goals and policies for recreational, cultural, senior center, special events, special populations, and athletic field's maintenance programs. Leisure Services Administration also processes enrollment and completes registrations for:

- Youth and adult recreation programs
- Contractual instructor classes
- Gymnastics
- Summer camp programs
- Tennis programs
- Field and park rentals

Leisure Services manages recreation center activities held at Nova Community Center, South Ormond Neighborhood Center, Ormond Beach Gymnastics Center and Performing Arts Center.

LEISURE SERVICES ADMINISTRATION/REGISTRATION

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Liability Insurance	13,633	9,100	13,000	3,900	42.86%
ARBFP Concession Rental	10,000	10,000	10,000	-	0.00%
General Fund	638,593	712,373	772,835	60,462	8.49%
Total	662,227	731,473	795,835	64,362	8.80%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	492,667	510,040	557,909	47,869	9.39%
Operating	169,560	221,433	237,926	16,493	7.45%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	662,227	731,473	795,835	64,362	8.80%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
<u>Full-time Positions:</u>					
Leisure Services Director	1.00	1.00	1.00	0.00	0.00%
Asst. Leisure Services Director	1.00	1.00	1.00	0.00	0.00%
Recreation Program Specialist	1.00	1.00	1.00	0.00	0.00%
Office Manager	1.00	1.00	1.00	0.00	0.00%
Office Assistant III	2.00	2.00	2.00	0.00	0.00%
<u>Part-time Positions:</u>					
Office Assistant I	0.50	0.50	0.50	0.00	0.00%
Total	6.50	6.50	6.50	0.00	0.00%

LEISURE SERVICES ADMINISTRATION/REGISTRATION

GOALS:

- Continue to update Leisure Service website to become more user friendly and focus more on programming and activities.
- Apply for Tree City USA Growth Award through National Arbor Day Foundation in order to retain Ormond Beach's Tree City USA designation.
- Host the Mayor's Health and Fitness Challenge.
- Expand advertising for summer camps and yearly programming.
- Partner with Engineering and Grants Coordinator to apply for ECHO grants.
- Continue to promote the existing Memorial Tree and Memorial Bench programs
- Expand the continued use of volunteers
- Apply for departmental awards and accolades through agencies including FFEA.
- Continue to implement Hometown Heroes Banner Program
- Achieve all City Commission goals for Leisure Services for FY 2022-23 by the end of the fiscal year
- Continue harmonious relationship with Leisure Services Advisory Board to build a stronger community
- Continue to provide exceptional customer service to the residents of Ormond Beach
- Host Earth Day at Environmental Discovery Center to incorporate tree distribution and educational sessions

PERFORMANCE MEASURES:

	Actual FY 2020-21	Actual FY 2021-22	Estimate FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Workload:					
# of Field/Park/Facility Rentals	205	390	425	35	8.97%
# of Online Registrations	-	70	300	230	328.57%
Efficiency/Effectiveness:					
Achieve City Commission Goals	100%	100%	100%	-	0.00%
Customer Satisfaction %	90%	90%	90%	-	0.00%

COVID-19

LEISURE SERVICES ADMINISTRATION/REGISTRATION

ACCOMPLISHMENTS:

- Obtained the Tree City USA Growth Award
- City was once again designated as Tree City USA
- Received statewide recognition for the Rockefeller “Millionaire Monday” Program from Florida Festivals & Events Association
- Continued to expanded digital offerings to residents via social media during the COVID-19 closures.
- Continued partnership with the Garden Club of the Halifax Country to complete Vadner Park renovations
- Host Leisure Services Employee Appreciation Day event
- Hosted successful Summer Camp Connections and Enviro Camp Programs and revamped Camp T-Rec Program
- Helped facilitate State of City
- Expanded involvement with Volusia County Recreation Directors’ Association
- Three, free fishing tournaments were once again held this year.
- Implemented new registration software for Leisure Services programming
- Planned and hosted successful Halloween Highway event with all Leisure Services division participation
- Recreation Program Specialist increased social media presence of all Leisure Services activities.
- Continued to assist our veterans with the Hometown Heroes application process, banner delivery, and drive-through luncheon
- Assist with ECHO grant process for PAC funding at Performing Arts Center
- South Ormond new gym addition
- Worked in partnership with YMCA to ensure dog park facility is maintained to a high standard for our citizens
- Completed Leisure Services Master Plan update with Barth & Associates

THE CASEMENTS

The Casements is the flagship community enrichment center on the peninsula serving nearly one third of the city's population. Programs that take place at The Casements, in Central Park or as outreach experiences include:

- environmental education such as urban homeowner's landscape conservation
- organic gardening
- safe boating
- manatee and wildlife protection classes and the arts
- Youth-at-Risk programs through story-telling
- computer enrichment classes
- arts and literacy education

Programs and classes offered at Osceola School and the Casements raise confidence and self-esteem to benefit youth, serve families and enhance community values.

As a historic facility, the former home of John D. Rockefeller, Sr., a Great Floridian is on the National Register for Historic Places and is an echo-tourism destination for visitors in Ormond Beach. It serves as an important landmark and symbol of historic preservation for the community within an urban park setting of leisure service facilities.

THE CASEMENTS

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Casement Fees	30,286	35,000	45,000	10,000	28.57%
General Fund	237,580	232,669	312,694	80,025	34.39%
Total	267,866	267,669	357,694	90,025	33.63%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	141,624	142,336	212,236	69,900	49.11%
Operating	126,241	125,333	145,458	20,125	16.06%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	267,866	267,669	357,694	90,025	33.63%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Full-time Positions:					
Cultural Center Coordinator	1.00	1.00	1.00	0.00	0.00%
Special Events Tech	0.00	0.00	1.00	1.00	100.00%
Part-time Positions:					
Maintenance Worker (2)	1.00	1.00	1.00	0.00	0.00%
Recreation Leader (2)	1.00	1.00	1.00	0.00	0.00%
Special Events Tech (1)	0.50	0.50	0.50	0.00	0.00%
Total	3.50	3.50	4.50	1.00	28.57%

THE CASEMENTS

GOALS:

- Expand revenue through rentals, programs and events.
- Expand Gallery exhibits to local artists and groups
- Grow sponsorships with Movies on the Halifax, Swing into Spring, Once Upon a Storytime and other community events.
- Continue partnerships with Ormond MainStreet, Ormond Memorial Art Museum and Gardens, The Ormond Beach Historical Trust, Ormond Beach Chamber of Commerce, National Multiple Sclerosis, Runner's High, Ormond Beach Rotary, The Antique Automobile Association and The Jewish American Society as it relates to the various community events held on our property
- Continue monthly "Movies on the Halifax".
- Plan and execute a new program for children ages 12-15 years old
- Plan and execute a new weekday lunchtime concert series downtown on The Casements North Lawn.
- Continue monthly gallery exhibit videos
- Expand on Christmas Challenges and Easter Hunts for the upcoming year.
- Create new StoryStroll programs for the holiday season and summer.

PERFORMANCE MEASURES:

	Actual FY 2020-21	Estimate FY 2021-22	Estimate FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Workload:					
Attendance/Participants:					
Special Events	54,130	57,000	70,000	13,000	22.81%
Tours *	39,370	39,500	40,000	500	1.27%
Programs/Classes	285	300	325	25	8.33%
# Rentals:					
Rentals/Groups - Casements	147	150	175	25	16.67%
Rentals/Groups - Riverbridge	71	75	80	5	6.67%
Efficiency/Effectiveness:					
Overall "satisfied/very satisfied" %	95	95	95	-	0.00%

*Includes Oncell App Tours

THE CASEMENTS

ACCOMPLISHMENTS:

- The Casements continues to be the only beachside cultural center that offers fitness, cooking, art and various educational opportunities.
- The Casements continues to partner with Ormond MainStreet with their three major fundraisers, Celtic Festival, Taste of Ormond and Riverfest.
- The Casements hosted a very successful “Ormond Live” this year with record crowds.
- Worked with the National MS Society with their annual bike race.
- Worked closely with the Seaside Herb Society to plan and execute their annual Herb Faire and Plant Sale.
- Assisted members of the Ormond Beach Garden Club to plan and execute their annual Flower Show and Tea.
- The Casements worked closely with the coordinator of the Tomoka Marathon who hosted a Boston Marathon qualifier, and a full, half and 5K experience to over 1600 runners.
- Worked with the coordinator of Sophies Circle to offer their annual bridge walk.
- Hosted for the first time this year the Veteran’s Appreciation Day with nearly 300 in attendance.
- Hosted the Community Events Departments Memorial Day meetings and program.
- Hosted the Community Events Departments Art in the Park.
- Worked with members of the Antique Automobile Club to host their annual Gaslight Parade and Antique Car Show.
- Worked with Ormond Beach Chamber of Commerce to host their annual King of the Grill event.
- Hosted the City’s Independence Day Celebration.
- Worked with organizers from the Jewish Heritage Festival to provide a free event to the community.
- Assisted members of The Casements Guild to decorate The Casements for the holiday season.
- Assisted The Casements Guild in offering a Mother’s Day Tea.
- Worked with The Casements Guild to plan and execute the 43rd annual Christmas Gala.
- Planned and executed a successful “Breakfast with Santa” with over 360 guests.
- Worked with Community Events to offer “Holidays at The Casements” outdoor holiday concert.
- Worked with the St. Augustine Storytellers to provide a Halloween program of “Ghost Stories”
- Staff members created a spooky video for Halloween that was posted on Facebook.
- Staff members created videos of all Gallery Exhibits throughout the year.
- Staff created a time lapse video of the North Lawn and Carriage House Renovation project.
- Staff created the 2nd annual Candy Cane Challenge during the holiday season for our young guests.
- Staff created the 2nd annual Sweets and Treats challenge for Facebook participants.
- Staff posted educational facts each week on Facebook under the caption of “Did You Know?”
- Staff created a Valentine Video that posted on Facebook

THE CASEMENTS

ACCOMPLISHMENTS:

- Staff created a Christmas video that showed the evolution of the Christmas Galas on Facebook.
 - The Casements Gallery was adorned with various artwork and photographs each month from various groups including The Casements Camera Club, Ormond Beach Art Guild, Florida Women's Art Association, Joe Costanzo, and The Girl Scouts of the Citrus Council.
 - The Girl Scout's completed their Bronze Star by planting flowers in the North Lawn Gazebo and maintaining the planters throughout the year.
 - Offered eight monthly "Once Upon a Storytime" events for children ages two-four with a story, craft and special treat, sponsored by Morejon & Andrews Orthodontics.
 - Offered three weeks of watercolor workshops with artist, Janet Rogers.
 - Brought back "Swing Into Spring" with three free concerts in April on Thursday evenings.
 - Held the 43rd annual Guild Appreciation Luncheon sponsored and catered by Amber's Jewel Catering.
 - Our "Movies on the Halifax" event happened every first Friday of each month.
 - Worked with Ormond MainStreet and the Volusia County Library to offer a free "StoryStroll" in Rockefeller Gardens for the holiday season and summertime.
 - The Casements was named Outstanding Florida Youth Conservation Center Partner in 2021 for Enviro Camp.
 - The Casements planned and executed Enviro Camp at the EDC in June and July 2021 under COVID-19 standards.
 - The North Lawn Drainage and Carriage House Expansion Project was completed.
 - A new iron fence with archway and gates was placed around the courtyard.
 - A new archway and gate were placed on south Riverside Drive.
- Reached 4000 followers on Facebook and over 1562 on Instagram.

PERFORMING ARTS CENTER

The Ormond Beach Performing Arts Center (OBPAC) consists of an auditorium, rehearsal room, studio and music rooms for City-sponsored groups, professional theater and musical productions. The Center has a seating capacity for 627 people and is built in a fan-shaped, stadium-style configuration.

The Center is also used for many activities, to include:

- | | |
|-----------------------|----------------------------|
| ➤ Youth dance classes | ➤ Additional dance classes |
| ➤ Recitals | ➤ Acting classes |
| ➤ Senior shows | ➤ Voice and piano lessons |
| ➤ Music events | ➤ Children's choir |
| ➤ Children's theater | ➤ Cultural arts classes |
| ➤ Workshops | ➤ Activities seminars |

PERFORMING ARTS CENTER

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Tickets/Concessions	22,141	75,000	55,000	(20,000)	-26.67%
General Fund	214,331	198,166	246,196	48,030	24.24%
Total	236,472	273,166	301,196	28,030	10.26%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	120,228	146,862	170,687	23,825	16.22%
Operating	116,244	126,304	130,509	4,205	3.33%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	236,472	273,166	301,196	28,030	10.26%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
<u>Full-time Positions:</u>					
P.A.C. Supervisor	1.00	1.00	1.00	0.00	0.00%
<u>Part-time Positions:</u>					
Maintenance Worker (2)	1.00	1.00	1.00	0.00	0.00%
Recreation Leader (1)	0.50	0.50	0.50	0.00	0.00%
Box Office Attendant (2)	1.00	1.00	1.00	0.00	0.00%
Total	3.50	3.50	3.50	0.00	0.00%

PERFORMING ARTS CENTER

GOALS:

- Achieve a 90% or better satisfaction rating from show producers, classes and instructors.
- Seek business partnerships to generate grants/donations.
- Achieve 80% or better of return contracts/rentals.
- Maintain total visits at over 40,000 for shows.
- Produce a 12-day children's summer theatre/production camp through partnership with local theatre/children's arts group.
- Produce a nine-day summer dance camp through local partnerships.
- Increase rental/facility revenue by partnering with local producer to bring in national performers.
- Work with internal show groups to improve ticket sales.
- Seek alternative revenue by increasing daily event rentals for studios/dance rooms.
- Increase day-to-day volunteerism with internal show groups.
- Increase online ticket sales by two percent over last year through public awareness campaign.
- Host internal show group leadership quarterly meetings.

PERFORMANCE MEASURES:

	Actual FY 2020-21	Actual FY 2021-22	Estimate FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Workload:					
Rentals	717	519	222	(297)	-57.23%
Shows/Rentals Attendance	17,220	10,770	7,139	(3,631)	-33.71%
New Contracts	4	1	2	1	100.00%
Not for Profit Shows	13	13	5	(8)	-61.54%
For Profit Shows	20	20	5	(15)	-75.00%
Efficiency/Effectiveness:					
Returning Contracts	15	14	9	(5)	-35.71%
Customer Satisfaction %	95%	95%	95%	0%	0.00%

COVID

CONSTRUCTION

PERFORMING ARTS CENTER

ACCOMPLISHMENTS:

- The Performing Arts Center hosted the Leisure Services drive-through Veteran's Day Luncheon event.
- The Performing Arts Center hosted the Leisure Services Hometown Heroes drive-through event.
- The Performing Arts Center hosted the Ormond Beach Chamber Personal Protection Equipment giveaway drive-through event.
- The Performing Arts Center hosted the City's Thank You First Responders yard sign pass-out drive-through event.
- The Performing Arts Supervisor met with the Friends of the PAC on the Renovation Project for the Performing Arts Center building.
- Performing Arts Center staff participated in the Leisure Services drive-through Halloween Highway event at the Sports Complex.
- The Performing Arts Center hosted the Florida Department of Health's drive-through COVID-19 testing site.
- The Performing Arts Center hosted an in-person and virtual Florida Department of Transportation Public Informational meeting on the A-1-A Streetscape Improvement Project.
- The Performing Arts Center hosted Ormond Beach Police training exercises.
- The Performing Arts Center hosted the Children's Musical Theater Workshop Summer Camp Program, their production of "Suessical, The Musical", Disney's "Frozen, Jr.", as well as their dance classes throughout the year.
- The Performing Arts Center hosted a variety of musical, theatrical, competitions, recitals and pageants including: Get Ready! The Motown Experience, My Tribute to John Denver by Carl Bennett, British Invasion Tribute, National Gym Association East Coast Classic Body Building Competition, Sam Cooke and Jake Wilson Tribute, John Ford Coley, The World Famous Glenn Miller Orchestra, Orlando Transit Authority Tribute to Chicago, The Rat Pack – Together Again, NY Rockabilly Rockets, Brian Hoffman's Tribute to Red Skelton, Ernie Haase and Signature Sound, Minute by Minute Doobie Brothers Tribute, The Coasters, Drifters Temptations Motown Salute, Las Vegas Master Impersonators The Edwards Twins, Kinetic Expressions Dance Academy's Production of Alice in Wonderland, Special Populations Division Shining STARS Pageant, Sinatra, The Musical Tribute, Divas of Jazz, Alborea Dances production of Phantom, A Flamenco Story, Beach Buoys Tribute to The Beach Boys, U.S. Stones Rolling Stones Tribute, Majesty of Rock Journey-Styx Tribute, Daytona Beach Concert Band, and Ms. Debby's Dancing and Acting recital.

SENIOR CENTER

The Senior Center program coordinates the activities of a multi-purpose center that includes programs for persons over 55 years of age in the following areas:

- Health
- Arts
- Languages
- Nutrition
- Theater
- Personal finance
- Technology
- Music

The Center also offers classes and activities for physically and mentally challenged citizens and those with other special needs.

In addition, the Center hosts the Ormond Senior Games and maintains the Mainland Council on Aging Senior Congregate Dining and Meals on Wheels programs.

SENIOR CENTER

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Senior Center	749	5,000	5,000	-	0.00%
General Fund	69,766	92,399	94,637	2,238	2.42%
Total	70,515	97,399	99,637	2,238	2.30%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	2,902	13,985	15,676	1,691	12.09%
Operating	67,613	83,414	83,961	547	0.66%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	70,515	97,399	99,637	2,238	2.30%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
<u>Part-time Positions:</u>					
Maintenance Worker (1)	0.50	0.50	0.50	0.00	0.00%
Total	0.50	0.50	0.50	0.00	0.00%

SENIOR CENTER

GOALS:

- Monitor the management agreement with Council on Aging to ensure terms of the contract are met.
- Expand evening and weekend rentals to increase revenue wherever possible.

ACCOMPLISHMENTS:

- Continued the Council on Aging Lease Agreement for Operation and Meals on Wheels Congregate Dining.
- The Senior Center was the host site for Monoclonal Antibody Treatment Clinic for COVID-19 patients.
- The Senior Center hosted Granada Squares Dances.
- The Senior Center hosted City staff meetings and Advisory Board meetings.

COMMUNITY EVENTS

Community Events coordinates and produces community and City-sponsored holiday and cultural events such as the Fireworks on the Halifax & Independence Day Celebration, Santa Land, Holiday Parade, Art in the Park and the Birthplace of Speed Celebration. This division also coordinates various celebrations, dedications, remembrances, groundbreakings, historical celebrations and various other official City events. Assistance is also provided to other City departments, boards and committees, outside agencies and community service clubs with the presentation of their event schedules.

COMMUNITY EVENTS

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Sponsorship	-	1,000	500	(500)	-50.00%
General Fund	177,494	205,649	251,534	45,885	22.31%
Total	177,494	206,649	252,034	45,385	21.96%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	76,595	94,509	117,287	22,778	24.10%
Operating	100,900	112,140	134,747	22,607	20.16%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	177,494	206,649	252,034	45,385	21.96%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Full-time Positions:					
Community Events Coordinator	1.00	1.00	1.00	0.00	0.00%
Part-time Positions:					
Community Events Leader (2)	1.00	1.00	1.00	0.00	0.00%
Total	2.00	2.00	2.00	0.00	0.00%

COMMUNITY EVENTS

GOALS:

- Continue to increase sponsorships for all annual community events.
- Continue to add new elements of health, wellness and education to the annual Mayor's Health & Fitness Challenge. Secure businesses that will provide sponsorship or be a Perks & Wellness partner during the challenge and offer additional health, wellness and educational opportunities to the challengers, to enable them to achieve their goals.
- Host three Reel in the Fun free, annual kid's fishing tournaments.
- Continue the development of the popular Art in the Park event to encompass additional components for children and event amenities.
- Assist with Memorial Day Remembrance Service event with the cooperation and support of the Memorial Committee.
- Assist with Senior Games events with the cooperation and support of the Senior Games Board.
- Assist with the September 11th Memorial Walk, hosted by the City of Ormond Police and Fire departments.
- Host the 3rd annual Halloween Highway Drive-Thru event with additional vendors and sponsors.
- Develop new partnerships for the major annual events: July 4th Independence Day Celebration, Summer Sounds Free Concert Series, Veteran's Day Celebration, Home for the Holidays Parade, Art in the Park, Memorial Day Remembrance Service and three Reel in the Fun kid's fishing tournaments.
- Assist with the organization and programming for the annual Hometown Heroes Ceremony with sponsor Halifax Health.
- Increase volunteer participation for event support.

PERFORMANCE MEASURES:

	Actual FY 2020-21	Estimate FY 2021-22	Estimate FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Community Events					
Workload:					
Events Total	5	26	30	4	15.38%
Non-annual events	6	14	20	6	42.86%
Efficiency/Effectiveness:					
Customer Satisfaction % - Events	94%	94%	94%	-	0.00%

other workshops, training, walks, misc. Actual 21 Est 2022-23 - 25

COMMUNITY EVENTS

ACCOMPLISHMENTS:

- Continued with community partnerships with many non-profits and civic groups including: Kiwanis Club, Lions Club, Boy & Girl Scouts, Ormond Beach Historical Society, The Casements Guild, Ormond Main Street, Ormond Beach Chamber of Commerce, American Legion Post 267, Civil Air Patrol, Disabled American Veterans, PACE, and Seabreeze High School.
- Hosted the Arbor Day Tree Planting and partnered with EDC Coordinator to include an arts and crafts project.
- Three successful kid's fishing tournaments were planned and presented. New and return sponsors contributed prizes, fishing poles, tackle and refreshments for the participants.
- Applied for and received grant from Florida Fish and Wildlife for free fishing poles to distribute during Reel in the Fun fishing tournaments.
- City and Memorial Day Committee hosted the Memorial Day Remembrance Service.
- Produced and organized a successful Veteran's Day Celebration for local veterans and guests.
- Produced and organized a successful Hometown Heroes Celebration for 100 local banner recipients and guests.
- Staff programmed and facilitated several successful holiday events including:
 - Decorating City Hall tree with students from PACE Center
 - Holidays at The Casements Concert
 - Breakfast with Santa
 - Letters to Santa
- Successfully hosted the Independence Day Celebration on July 4th.
- Hosted three Summer Sounds Free Concerts.
- Assisted with many cross-departmental events: Earth Day, National Night Out, and Employee Appreciation Day Luncheon.
- Assisted with the monthly "Walk with the Manager" program.
- Assisted with City Commission workshops and shade meetings.
- Assisted with State of the City luncheon and presentation.
- Assisted with the VLOC Dinner.
- Assisted with Parks and Rec Master Plan meetings.
- Assisted with two OB Life Series meetings.
- Coordinated and assisted with the renaming of the Downtown Fit Loop Ribbon Cutting.
- Coordinated and assisted with the renaming of the Rick Ferritto Limitless Playground.
- Coordinated and assisted with the Rick Boehm Softball Field Grand Opening and Ribbon Cutting.
- Assisted with Senior Games events.
- Coordinated and assisted with the Riverbend Nature Park Mountain Bike Trail Ribbon Cutting.
- Planned, coordinated and presented the Mayor's Health & Fitness Challenge.
- Attended as a department liaison at the First Responders Day event hosted by Ormond Strong.
- Coordinated and assisted with the Vadner Park Ribbon Cutting.

COMMUNITY EVENTS

ACCOMPLISHMENTS:

- Coordinator served as the department liaison to the Ormond Beach Chamber's bi-monthly Economic Prosperity Meeting.
- Coordinated and assisted with the South Ormond Neighborhood Gymnasium Groundbreaking.

ENVIRONMENTAL DISCOVERY CENTER

The Environmental Discovery Center's mission is to foster an awareness and appreciation of the natural environment by providing stimulating environmental education programs that inspire participants to be active stewards of their surrounding natural resources.

The City of Ormond Beach's Environmental Discovery Center (EDC) provides visitors with a glimpse into the diverse ecosystems of Ormond Beach, specifically Central Park. This 2,000 square foot facility is designed to be self-guided. The building serves as a hub for the programming and special events that will immerse visitors in these ecosystems and provide hands-on education.

ENVIRONMENTAL DISCOVERY CENTER

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
General Fund	138,011	155,789	176,349	20,560	13.20%
Total	138,011	155,789	176,349	20,560	13.20%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	79,838	89,351	103,561	14,210	15.90%
Operating	58,173	66,438	72,788	6,350	9.56%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	138,011	155,789	176,349	20,560	13.20%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Full-time Positions:					
Recreation Center Coordinator	1.00	1.00	1.00	0.00	0.00%
Part-time Positions:					
Rec Leader (2)	1.00	1.00	1.00	0.00	0.00%
Seasonal Positions:					
Summer Counselors	0.00	0.00	0.00	0.00	0.00%
Total	2.00	2.00	2.00	0.00	0.00%

ENVIRONMENTAL DISCOVERY CENTER

GOALS:

- Increase overall attendance numbers (walk-ins, program participants, events, etc.) five percent each quarter.
- Create adult weekday programs (ex. craft group, guided nature walks, exercise classes).
- Increase number of school field trips by five percent each quarter.
- Continue to market field trips to teachers, scout leaders, homeschool parents.
- Develop preschool field trip curriculum and market to daycares, preschools, etc.
- Host two community events per year.
- Continue to update current exhibits and display items seasonally.
- Continue to increase volunteer force by five percent each quarter.
- Organize EDC volunteer educational events and workshops.
- Expand social media presence by posting regularly (two times per week) to increase followers and interest in the EDC.
- Increase and expand partnerships between EDC and other environmental agencies (ex. Volusia County UF/IFAS, Halifax Audubon, Volusia County Environmental Management, Florida Native Plant Society).
- Increase and expand partnerships between EDC and local civic clubs, garden clubs, adult retirement communities and organizations.
- Increase and expand partnerships between EDC and environmental degree programs at local colleges and universities.
- Attend outreach events to promote the EDC as they become scheduled (ex. Lagoonacy, Lyonia Wildlife Festival, Tomoka Fest, etc.).
- Improve the registration process for the Community Gardens and Enviro Camp by migrating the sign-ups to the new TPAR digital application.
- Host citywide Earth Day Celebration event to include tree distribution and educational sessions/booths

ACCOMPLISHMENTS:

- Presented programs for K-5 grades (“Elementary Explorers”) and ages 3-5 (“Little Learners”)
- Presented kids’ monthly craft programs.
- Presented monthly adult/family nature programs including programs on honey bees, bats, right whales and manatees.
- Continued partnership with Volusia County ECHO Rangers Program by presenting semi-annual ranger programs.
- Held field trips for public, private and homeschool groups.
- Conducted EDC tours for children’s afterschool and adult community groups.
- Partnered with Halifax Audubon to provide multiple fall and spring guided bird walks in Central Park.
- Distributed nature-themed giveaway items at the Leisure Services Halloween Highway event.
- Decorated an EDC holiday tree for The Casements holiday tree display.
- Held Community Gardens volunteer board meetings on a bimonthly basis.

ENVIRONMENTAL DISCOVERY CENTER

ACCOMPLISHMENTS:

- Provided a tree-related craft for the Arbor Day event at Ormond Beach Elementary School in January 2022.
- Presented an invasive species program to the Ponce Inlet Historical Museum.
- Promoted the EDC at a recreation day event at St. James Episcopal Church.
- Partnered with Halifax River Audubon to present the annual Great Backyard Bird Count in February 2022.
- Continued updating of the filter systems for fish, turtle and aquaponics tanks.
- Expanded the plantings in the EDC Wildflower Demonstration Garden.
- Expanded the plantings the EDC Butterfly Garden.
- Expanded our partnership with the Florida Women's Art Association to display original, nature themed art on a regular basis.
- Expanded our partnerships with the UF/IFAS Extension (Master Gardener Program), Florida Fish & Wildlife and Florida Wildflower Foundation.

Community Gardens Accomplishments:

- Assigned all empty (abandoned or relinquished) garden spaces before new planting season.
- Collaborated with Master Gardeners to hold semi-annual educational events for community gardeners.
- Both community gardens expanded the Garden To Give initiative to donate produce to a local Food Bank.

NOVA COMMUNITY CENTER

The Nova Community Center is a totally air-conditioned facility, which includes:

- Gymnasium
- family game room
- fitness room
- restrooms
- classroom
- multi-purpose activity room

There are ongoing classes and activities for both children and adults throughout the year.

Outdoor facilities located at the Nova Community Park include:

- Basketball court
- Tennis & racquetball courts
- Jogging trail
- Skateboard court
- Playground
- Baseball fields
- Wide sidewalks

NOVA COMMUNITY CENTER

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Fees	11,926	10,500	13,500	3,000	28.57%
General Fund	276,986	310,910	337,257	26,347	8.47%
Total	288,912	321,410	350,757	29,347	9.13%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	177,146	204,905	229,096	24,191	11.81%
Operating	111,766	116,505	121,661	5,156	4.43%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	288,912	321,410	350,757	29,347	9.13%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Full-time Positions:					
Recreation Center Coordinator	1.00	1.00	1.00	0.00	0.00%
Seasonal Positions:					
Summer Counselors	0.00	0.00	0.00	0.00	0.00%
Part-time Positions:					
Recreation Leaders (4)	2.00	2.00	2.00	0.00	0.00%
Therapeutic Aide (1)	0.58	0.50	0.50	0.00	0.00%
Total	3.58	3.50	3.50	0.00	0.00%

NOVA COMMUNITY CENTER

GOALS:

NOVA COMMUNITY CENTER:

- Increase social media presence through Facebook and Instagram to promote the Nova Community Center and activities
- Continue harmonious relationship with Tennis Shack lessee
- Continue to manage Skate Park contractor to ensure safe operation of Nova Community Skate Park
- Continue to increase building rentals
- Increase usage of the game room and workout room.
- Continue to offer free summer basketball league to youth
- Continue partnership with Volusia County Human Services Summer Food Program

SPECIAL POPULATIONS:

- Maintain existing programs and events for special populations while increasing participant numbers by using improved flyers, gaining community contacts through health fairs and community days and increased social media presence.
- Continue to offer Social Squad for those special needs participants who need more individualized care adding more opportunities to learn job skills and community service
- Offer a safe and rewarding summer camp experience with Camp T-Rec in partnership with Port Orange
- Hold 5K Wanderers in different parks to introduce participants to more of the City
- Offer one hybrid program to offer both in person and virtual opportunities

PERFORMANCE MEASURES:

	Actual FY 2020-21	Estimate FY 2021-22	Estimate FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Workload:					
Total Visits (inside only) Attendance	21,986	36,165	40,000	3,835	10.60%
Special Populations					
Workload:					
Special Needs Division Programs/Events	27	35	40	5	14.29%
Special Needs Division Community Partners	-	-	3	3	100.00%
Efficiency/Effectiveness:					
Customer Satisfaction %	95%	95%	95%	-	0.00%

NOVA COMMUNITY CENTER

ACCOMPLISHMENTS:

NOVA COMMUNITY CENTER:

- Continued pickleball lessons to teach the game to new players
- Continued to offer Open Play pickleball and maintained attendance after Pictona opened
- Continued to offer Open Play basketball/weight room during time available
- Continued rental programming with Jazzercise being offered six days a week and Dance and Acting classes three days a week
- Offered Tennis Shack monthly rentals
- Offered free meals for children ages 18 and under throughout the summer through the Volusia County Summer Food Program
- Hosted a successful youth basketball league after a pause in the program due to Covid

Special Populations:

- Offer a safe and rewarding Camp-T-Rec experience following strict CDC guidelines for participants and staff
- Attended FRPA Annual Conference and Therapeutic Recreation Institute
- Transitioned Virtual Lunch Bunch to in person Social Squad with an increase in participants
- Offered four new programs a week for individuals with special needs with an increase in participants
- Hosted monthly parties to offer a safe place for spec pops to socialize with their peers.
- Offered one hybrid program to offer both in person and virtual opportunities

SOUTH ORMOND NEIGHBORHOOD CENTER

The South Ormond Neighborhood Center is an air-conditioned facility with an indoor gymnasium, weight and game room, full service kitchen, concession stand, small theatrical stage for special events, multipurpose room, and computer and learning center.

Recreational programs include:

- Arts and crafts
- Ceramics
- Dances
- Tutoring classes
- Teen programs
- Progressive young men's club
- Boys & Girls club
- Young ladies club
- Chess club
- Sports
- Occasional field trips

SOUTH ORMOND NEIGHBORHOOD CENTER

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Fees	9,547	700	12,500	11,800	1685.71%
General Fund	246,331	278,269	356,818	78,549	28.23%
Total	255,878	278,969	369,318	90,349	32.39%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	163,087	182,450	244,423	61,973	33.97%
Operating	92,791	96,519	124,895	28,376	29.40%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	255,878	278,969	369,318	90,349	32.39%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
<u>Full-time Positions:</u>					
Recreation Center Coordinator	1.00	1.00	1.00	0.00	0.00%
Recreation Leader	0.00	0.00	1.00	1.00	100.00%
<u>Seasonal Positions:</u>					
Summer Counselors	0.00	0.00	0.00	0.00	0.00%
<u>Part-time Positions:</u>					
Recreation Leaders (3)	1.50	1.50	1.50	0.00	0.00%
Total	2.50	2.50	3.50	1.00	40.00%

SOUTH ORMOND NEIGHBORHOOD CENTER

GOALS:

- Continue to keep the South Ormond Neighborhood Center a safe and healthy environment for all users
- Further expand the South Ormond Sports Club programs to include elementary school children (3rd thru 5th graders)
- Continue to offer mentoring/life skills teaching programming with the desired outcome of having at least 100 children involved in “education through recreation” and positive behavior type activities
- Partner with Ormond Beach YMCA to expand programming opportunities and water safety instruction
- Continue to promote lifetime health activities as well as prevention and/or elimination of obesity
- Continue to promote diversity and fellowship through varied youth programming
- Hold at least two neighborhood festivals and intergenerational events
- Add one more event involving nutritional education to promote the healthy lifestyle movement (similar to our “lunch and learn” programs)
- Continue to develop a summer youth basketball programs/league as part of a new crime prevention movement (Halifax Youth Basketball Association)
- Continue to offer a safe, fun and memorable summer camp
- Continue NYSCA educational opportunities
- Continue partnership with Volusia County Human Services Summer Food Program

PERFORMANCE MEASURES:

	Actual FY 2020-21	Estimate FY 2021-22	Estimate FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Workload:					
Total Visits/Attendance	60,000	75,000	124,500	49,500	66.00%
Efficiency/Effectiveness:					
Customer Satisfaction %	90%	90%	90%	-	-

ACCOMPLISHMENTS:

- Revision of programming and tutoring in SONC Computer & Learning Center through partnership with Ormond Beach PAL during COVID-19 pandemic
- Continued the partnership with the Ormond Beach PAL in providing Arts & Crafts Programs and additional funding to promote health and positive lifestyle programs
- Continued to partner with the Ormond Beach YMCA to provide opportunities for underprivileged children at the YMCA and to aid in cross utilization of facilities
- Continued to connect with NYSCA to provide educational opportunities to staff and coaches
- Continue provided support to local families in need during the holidays
- Strengthened community relations by getting out in the neighborhood visiting families

SOUTH ORMOND NEIGHBORHOOD CENTER

ACCOMPLISHMENTS:

- and seniors
 - Continue to revise and run safe and successful summer camp program to meet CDC guidelines during COVID-19 pandemic
 - Continued to provide meals to kids during summer months through Volusia County Human Services (Summer Food Program)
 - Monitored the grounds and facility during the COVID-19 crisis to ensure the safety of the residents and the security of the building
 - Help to promote the new gym idea to the community
 - Added the new outdoor fitness area to the Center complex
- Partnered with Holub Construction to promote sponsorship for new outdoor basketball court area

ATHLETIC FIELDS MAINTENANCE/CITY SPONSORED SPORTS

Athletic Fields Maintenance is responsible for turf maintenance and related athletic field repairs at the Nova Community Park, Ormond Beach Sports Complex and the South Ormond Neighborhood Center. Additional responsibilities include general maintenance and clean-up of various hard courts and playgrounds. Current maintenance responsibilities include the following:

- | | |
|----------------------------------|---------------------------|
| ➤ 9 playgrounds | ➤ 10 tennis courts |
| ➤ 4 major league baseball fields | ➤ 3-1/2 basketball courts |
| ➤ 9 softball fields | ➤ 4 football fields |
| ➤ 11 youth baseball fields | ➤ Skateboard park |
| ➤ 8 soccer fields | ➤ Shuffleboard courts |
| ➤ 8 handball/racquetball courts | |

City-Sponsored Sports coordinates and schedules an array of activities for City sponsored sports, parent run sports, local high schools, colleges, and outside rentals. Games and practices take place at Ormond Beach Sports Complex, Nova Community Park, Nova Community Center and South Ormond Neighborhood Center Gymnasiums.

Youth sports programs include flag football, cheerleading, volleyball, a basketball training league, girls' basketball leagues, softball sports camps, and golf clinics.

Adult sports consist of men and women's softball, coed softball, church leagues, senior softball, coed volleyball, men's basketball and various softball tournaments.

Parent Run Sports-The City acts as the facilitator by providing topnotch athletic facilities for children to play baseball, softball, basketball, and soccer. In addition to providing facilities, the Athletic Supervisor schedules all games, practices, and offers NYSCA Coaching clinics for all sports.

Outside user groups also use City facilities such as Seabreeze High School, Father Lopez High School, ERAU, BCC, and local churches. The Athletic Supervisor assists groups renting fields for tournaments.

ATHLETIC FIELDS MAINTENANCE/CITY SPONSORED SPORTS

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Fees	49,508	48,000	81,000	33,000	68.75%
General Fund	1,286,631	1,416,924	1,505,785	88,861	6.27%
Total	1,336,139	1,464,924	1,586,785	121,861	8.32%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	382,670	367,473	436,439	68,966	18.77%
Operating	953,469	1,097,451	1,150,346	52,895	4.82%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	1,336,139	1,464,924	1,586,785	121,861	8.32%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Full-time Positions:					
Athletic Field Maint Supervisor	1.00	1.00	1.00	0.00	0.00%
Contract Manager - Grounds	0.00	0.00	0.00	0.00	0.00%
Maintenance Worker IV	0.00	0.00	0.00	0.00	0.00%
Maintenance Worker III	0.00	0.00	0.00	0.00	0.00%
Maintenance Worker II	3.00	3.00	3.00	0.00	0.00%
Part-time Positions:					
Maintenance Worker II (4)	2.00	2.00	2.00	0.00	0.00%
Athletic Coordinator (3)	1.50	1.50	1.50	0.00	0.00%
Total	7.50	7.50	7.50	0.00	0.00%

ATHLETIC FIELDS MAINTENANCE/CITY SPONSORED SPORTS

ATHLETIC FIELD MAINTENANCE:

GOALS:

- Achieve a customer satisfaction rating of “satisfactory or better” from 90% of surveyed participants regarding facility maintenance
- With new laser grader, laser grade all fields on an “as needed” basis at Nova Community Park Fields, South Ormond Field, Osceola Field and Ormond Beach Sports Complex
- Work with Public Works on mutual projects
- Track true costs to City for tournaments
- Increase use of volunteers
- Work with the sports associations in an effort to better manage practices and games to reduce wear on athletics fields
- Continue to develop preventive maintenance program by partnering with Fleet to train ballfield maintenance employees to perform a daily maintenance program with each machine
- Improve playing surfaces and pitching mounds at all baseball fields
- Continue a successful partnership with Yellowstone
- Add crimson stone to fence lines, warning tracks, front of dugouts, behind backstops and at Shuffleboard to assist with appearance, drainage and weed control

ACCOMPLISHMENTS:

- Increased the number of hours dedicated to the maintenance of South Ormond Neighborhood Center and Osceola Elementary.
- Hosted the Harry Wendelstedt Umpire School for 5 weeks
- Hosted more than (35) tournament days on the weekends
- Maintain shuffleboard courts at Sports Complex
- Added clay and turface to infields at Nova Community Park
- Leveled Nova Fields by cutting out “lips” to insure safe play
- Added clay and turface to baselines at Wendelstedt Fields
- Cut out all baselines to six feet
- Replaced carpet and hitting mats in Nova cages 1 and 4
- Edging of all infields at Nova, Sports Complex, SONC and Osceola
- Set up soccer fields at SONC for YMCA Leagues
- During COVID-19 closures, supervisor was in contact with all Athletic Associations and other field users to update of them of any changes.
- Replaced numerous batting cage and soccer goals/nets

ATHLETIC FIELDS MAINTENANCE/CITY SPONSORED SPORTS

CITY SPONSORED SPORTS:

GOALS:

- Revamp participant and coaches' surveys
- Increase player participation
- Achieve a customer service rating of higher than 90%
- Hold summer youth sports camps for children
- Hold yearly officiating clinics to focus on handling of coaches/parents, as well as on-field play
- Promote lifetime healthy activities as well as prevention and/or elimination of obesity
- Schedule Athletic Field Maintenance Department to ensure seamless preparation for daily activities
- Work hand-in-hand with the Associations (baseball/softball, soccer, basketball and football) for better utilization of fields/gyms through scheduling
- Strive to decrease light costs at the Sports and Nova complexes.
- Use volunteers for varied tasks and responsibilities.
- Serve as City liaison to the Convention and Visitors Bureau Sports Committee
- Increase rentals through partnership with Convention and Visitors Bureau Sports Committee and Central Florida Sports Commission.

ACCOMPLISHMENTS:

- Continued the reduction of electricity for utilizing overhead field lights at the Ormond Beach Sports Complex and the Nova Community Complex
- Increased outside rentals with additional adult and youth sports tournaments
- Increased high school athletic rentals
- Added PGYF, USSSA, ISA, and Athletx Sports Group tournaments for additional rentals
- Hosted successful youth flag football fall season
- Scheduled all flag football, OBYBSA softball and baseball games
- Re-elected as member of Convention and Visitors Bureau Sports Community
- Successfully managed the Athletic Field Maintenance division and City Sponsored Sports division
- Increased rentals by bringing in Additional Youth Baseball tournaments and River Bend Soccer to Sports Complexes
- Hosted Adult Coed Softball in fall and spring
- Hosted High School Districts for baseball, softball, and flag football
- Participated in Leisure Services Halloween Highway event at Sports Complex
- Hosted successful City Volleyball Program

CONTRIBUTIONS

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
General Fund	89,607	203,710	635,894	432,184	212.16%
Total	89,607	203,710	635,894	432,184	212.16%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	-	-	-	-	0.00%
Operating	-	-	-	-	0.00%
Capital	-	-	-	-	0.00%
Contributions and Transfers	89,607	91,528	91,528	-	0.00%
Contingency	-	112,182	544,366	432,184	0.00%
Total	89,607	203,710	635,894	432,184	212.16%

TRANSFERS

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
General Fund	1,858,096	2,861,337	2,246,345	(614,992)	-21.49%
Total	1,858,096	2,861,337	2,246,345	(614,992)	-21.49%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	-	-	-	-	0.00%
Operating	-	-	-	-	0.00%
Contingency	-	-	-	-	0.00%
Transfers	1,858,096	2,861,337	2,246,345	(614,992)	-21.49%
Total	1,858,096	2,861,337	2,246,345	(614,992)	-21.49%

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DOWNTOWN REDEVELOPMENT TRUST FUND

Used to account for tax increment proceeds received by the City within a specific district authorized by state statute.

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Intergovernmental	878,096	718,686	911,308	192,622	26.80%
Miscellaneous	353	1,500	500	(1,000)	-66.67%
Transfers	507,492	524,246	525,545	1,299	0.25%
Use of Fund Balance	-	885,169	-	(885,169)	-100.00%
Total	1,385,941	2,129,601	1,437,353	(692,248)	-32.51%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	-	-	-	-	0.00%
Operating	322,923	459,601	269,511	(190,090)	-41.36%
Capital	256,288	1,570,000	130,000	(1,440,000)	-91.72%
Contributions and Transfers	50,000	100,000	200,000	100,000	100.00%
Contingency	-	-	837,842	837,842	0.00%
Total	629,211	2,129,601	1,437,353	(692,248)	-32.51%

ORMOND CROSSINGS TRUST FUND

Used to account for tax increment proceeds received by the City within a specific district authorized by state statute.

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Intergovernmental	140,713	128,224	173,240	45,016	35.11%
Miscellaneous	71	-	-	-	0.00%
Transfers	104,393	127,237	122,931	(4,306)	-3.38%
Use of Fund Balance	-	-	-	-	0.00%
Total	245,176	255,461	296,171	40,710	15.94%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	-	-	-	-	0.00%
Operating	-	-	-	-	0.00%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Contingency	-	255,461	296,171	40,710	15.94%
Total	-	255,461	296,171	40,710	15.94%

STORMWATER DRAINAGE UTILITY FUND

Stormwater Maintenance is responsible for maintaining the drainage systems along City-maintained roads in an effort to reduce flooding and impacts to water quality of receiving streams associated with stormwater runoff. The program responds to public concerns and needs by investigating and resolving complaints of localized flooding. Routine inspections of facilities are scheduled to ensure that all swales, ditches, drains, creeks, rivers, water retention areas and drainage structures are functioning as intended.

In accordance with a formal agreement with FDOT, the City also maintains drainage ways along US 1, SR 40, A1A and Nova Road.

Maintenance operations are supported through a monthly stormwater utility fee of \$8.00 per “equivalent residential unit” which is charged to all residential and commercial units within the City limits of Ormond Beach. The balance of all revenue generated by the fee that is not applied to maintenance operations is dedicated to the ten-year stormwater improvements program approved in FY 96-97.

STORMWATER DRAINAGE UTILITY FUND

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Intergovernmental	22,642	-	-	-	0.00%
Charges for Service	2,538,289	2,525,000	2,525,000	-	0.00%
Miscellaneous	944	6,000	500	(5,500)	-91.67%
Transfers	-	-	-	-	0.00%
Use of Fund Balance	-	-	-	-	0.00%
Total	2,561,874	2,531,000	2,525,500	(5,500)	-0.22%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	623,330	590,104	691,803	101,699	17.23%
Operating	485,101	560,362	741,555	181,193	32.33%
Capital	1,225,451	854,100	850,000	(4,100)	-0.48%
Contributions and Transfers	212,088	197,307	221,640	24,333	12.33%
Contingency	-	329,127	20,502	(308,625)	-93.77%
Total	2,545,970	2,531,000	2,525,500	(5,500)	-0.22%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
<u>Full-time Positions:</u>					
Office Manager	1.00	1.00	1.00	0.00	0.00%
System Mnt. Supervisor	1.00	1.00	1.00	0.00	0.00%
Maintenance Worker IV	3.00	3.00	3.00	0.00	0.00%
Maintenance Worker III	1.00	1.00	1.00	0.00	0.00%
Maintenance Foreman	1.00	1.00	1.00	0.00	0.00%
Maintenance Worker II	3.00	3.00	3.00	0.00	0.00%
Total	10.00	10.00	10.00	0.00	0.00%

STORMWATER DRAINAGE UTILITY FUND

GOALS:

- Receive less than twelve (12) maintenance-related complaints annually.
- Perform 35,000 catch basin inspections annually.
- Perform 225 outfall inspections annually.
- Maintain 4 million square feet (sf.) of ditches within the City and 1.5 million sf. in the FDOT contract area.
- Clean a minimum of 55,000 linear feet of storm sewer annually.
- Sweep 5,029 curb miles
- Divert 2,125+ cubic yards of debris from the storm drain line system.

PERFORMANCE MEASURES:

	Actual FY 2020-21	Actual FY 2021-22	Estimate FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Workload:					
Linear Ft. of lines cleaned (City)	52,958	75,761	70,000	(5,761)	-7.60%
Sq footage of ditch maintenance (City)	6,350,983	2,866,821	7,250,000	4,383,179	152.89%
Sq footage of ditch maintenance (FDOT)	4,937,580	1,032,879	5,500,000	4,467,121	432.49%
Pump station inspections	175	209	200	(9)	-4.31%
Outfall inspections	104	84	225	141	167.86%
Catch basin inspections	27,180	35,416	35,000	(416)	-1.17%
Miles of street sweeping	5,029	5,150	5,029	(121)	-2.35%
Efficiency/Effectiveness:					
Diverted Debris Cubic Yards	2,115	2,263	2,125	(138)	-6.10%
Maintenance Related Downtime Days	21	9	12	3	33.33%

Linear Ft. of Line cleaned (City)

ACCOMPLISHMENTS:

- Received 9 maintenance related complaints annually
- Received 44 maintenance related compliments annually
- Performed more than 35,416 catch basin inspections.
- Performed 84 outfall inspections
- Maintained more than 2,866,821 sq. ft. of ditches within the City of Ormond Beach
- Maintained more than 1,032,879 sq. ft. of ditches within the FDOT MOA
- Completed 5,079 curb miles of street sweeping
- Diverted 2,265 cubic yards of debris from the storm drain line system

MUNICIPAL AIRPORT FUND

The Municipal Airport is located on 1,164 acres of land that was granted to the City in 1959 by the Federal Government. The Airport facility includes two (2) active runways and six (6) taxiways that are fully lighted. Aviation management and other flight support services are provided through private operations including two (2) full service Fixed Based Operators, an automated weather observation system and ten (10) specialty FBOs that include an aircraft paint shop, maintenance facilities, aircraft sales and flight instructors. In addition, there are two (2) non-precision instrument approaches and an FAA Vortac facility.

There are approximately 140 aircraft based at the airport including three (3) flight schools that are based at the airport and two (2) other flight schools that use the airport extensively for training.

MUNICIPAL AIRPORT FUND

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Intergovernmental	218,813	2,335,159	-	(2,335,159)	-100.00%
Miscellaneous	150,415	192,000	112,000	(80,000)	-41.67%
Transfers	66,390	66,390	77,573	11,183	16.84%
Use of Fund Balance	-	63,691	99,425	35,734	56.11%
Total	435,618	2,657,240	288,998	(2,368,242)	-89.12%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	130,261	116,445	122,618	6,173	5.30%
Operating	175,327	142,580	149,651	7,071	4.96%
Capital	296,026	2,382,816	-	(2,382,816)	-100.00%
Contributions and Transfers	14,624	15,399	16,729	1,330	8.64%
Contingency	-	-	-	-	0.00%
Total	616,239	2,657,240	288,998	(2,368,242)	-89.12%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Full-time Positions:					
Airport Manager	1.00	1.00	1.00	0.00	0.00%
Total	1.00	1.00	1.00	0.00	0.00%

MUNICIPAL AIRPORT FUND

GOALS:

- Complete the construction of the extension of Signal Avenue and East Tower Circle from the Airport Business Park into the Southwest Quadrant of the airport.
- Complete the construction of the connecting perimeter access road within the Southwest Quadrant of the airport between the new Signal Avenue and East Tower Circle access points.
- Complete the construction of the extension of Runway 9/27 and Taxiway Alpha to the west.
- Complete the rehabilitation and realignment of Taxiway Delta and the rehabilitation of Taxiway Bravo.
- Complete the construction of a new Automated Weather Observing System (AWOS) for the airport.
- Complete a land use study to assess appropriate aeronautical and non-aeronautical uses for the former golf course leasehold area on the airport.
- Commence design of new perimeter fencing and airport access systems, to include additional lighting and surveillance technology.
- Complete the construction of new directory signage at the airport.
- Assist with the development of new hangar and FBO facilities on the airport.
- Assist companies with plans to relocate their businesses to the airport.
- Market and lease available aeronautical and non-aeronautical use properties at the airport.
- Secure all FDOT and FAA grants necessary to complete airport capital improvement projects.

ACCOMPLISHMENTS:

- Completed the design phase of the project to rehabilitate and realign Taxiway Delta and rehabilitate Taxiway Bravo.
- Completed the design of the extension of Signal Avenue and East Tower Circle from the Airport Business Park into the Southwest Quadrant of the airport.
- Completed the design of the connecting perimeter access road within the Southwest Quadrant of the airport between the new Signal Avenue and East Tower Circle access points.
- Completed the design phase of the project to construct a new Automated Weather Observing System (AWOS) for the airport.
- Secured \$514,073 in state grant funds for design and construction of the airport access roads project, which will provide ground vehicle access to the Southwest Quadrant of the airport from the Airport Business Park and facilitate development in the Southwest Quadrant that will create jobs and produce additional revenue for the airport.
- Secured \$2,532,084 in federal and state grant funds for the construction phase of the projects to rehabilitate Taxiways Bravo and Delta.
- Secured \$69,000 under the Coronavirus Aid, Relief, and Economic Security Act (CARES Act), \$57,162 under the Airport Coronavirus Response Grant Program (ACRGP) and \$59,000 under the American Rescue Plan Act (ARPA) for the airport.

LOCAL LAW ENFORCEMENT TRUST FUND

This fund accounts for proceeds generated by confiscation activities of the Police Department. Expenditures are restricted for law enforcement purposes only.

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Fines and Forfeits	13,522	-	-	-	0.00%
Miscellaneous	13	-	-	-	0.00%
Use of Fund Balance	-	-	-	-	100.00%
Total	13,535	-	-	-	100.00%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	-	-	-	-	0.00%
Operating	-	65,800	-	(65,800)	100.00%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Contingency	-	-	-	-	0.00%
Total	-	65,800	-	(65,800)	100.00%

ECONOMIC DEVELOPMENT FUND

This fund accounts for the City's proceeds of land sales and development costs associated with the City's airport business park.

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Intergovernmental	-	-	400,000	400,000	100.00%
Miscellaneous	62	-	-	-	0.00%
Use of Fund Balance	-	-	412,000	412,000	100.00%
Transfers	-	-	300,000	300,000	100.00%
Total	62	-	1,112,000	1,112,000	100.00%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	-	-	-	-	0.00%
Operating	-	-	-	-	0.00%
Capital	45,059	-	1,112,000	1,112,000	100.00%
Contributions and Transfers	-	-	-	-	0.00%
Contingency	-	-	-	-	0.00%
Total	45,059	-	1,112,000	1,112,000	100.00%

FEDERAL LAW ENFORCEMENT TRUST FUND

Used to account for proceeds generated by confiscation activities of the Police Department. Expenditures are restricted for law enforcement purposes only.

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Fines and Forfeits	-	-	-	-	0.00%
Miscellaneous	5	-	-	-	0.00%
Use of Fund Balance	-	-	-	-	0.00%
Total	5	-	-	-	0.00%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	-	-	-	-	0.00%
Operating	-	-	-	-	0.00%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Contingency	-	-	-	-	0.00%
Total	-	-	-	-	0.00%

PENSION CONTRIBUTION PASS THROUGH

Used to account for State contributions to the Police and Fire pension funds.

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Intergovernmental	761,537	800,000	800,000	-	0.00%
Total	761,537	800,000	800,000	-	0.00%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	-	-	-	-	0.00%
Operating	761,537	800,000	800,000	-	0.00%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	761,537	800,000	800,000	-	0.00%

RECREATIONAL FACILITY FEE FUND

This fund accounts for impact fees assessed against users of recreation and cultural facilities within the City. Use of these funds is limited to expansion of those facilities.

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Miscellaneous (Impact Fees)	23,017	41,600	50,275	8,675	20.85%
Use of Fund Balance	-	-	-	-	0.00%
Total	23,017	41,600	50,275	8,675	20.85%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	-	-	-	-	0.00%
Operating	10,697	12,454	38,931	26,477	212.60%
Capital	-	10,000	-	(10,000)	100.00%
Contributions and Transfers	-	-	-	-	0.00%
Contingency	-	19,146	11,344	(7,802)	-40.75%
Total	10,697	41,600	50,275	8,675	20.85%

GRANT FUND

This fund accounts for proceeds of federal and state financial assistance and related capital expenditures.

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Intergovernmental	164,695	-	-	-	0.00%
Miscellaneous	8,054	-	-	-	0.00%
Transfers	264,800	-	-	-	0.00%
Use of Fund Balance	-	-	-	-	0.00%
Total	437,549	-	-	-	0.00%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	-	-	-	-	0.00%
Operating	18,695	-	-	-	0.00%
Capital	386,066	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Contingency	-	-	-	-	0.00%
Total	404,761	-	-	-	0.00%

FINANCING DEBT SERVICE FUND

This fund records principal and interest payments on various capital lease and notes payable obligations. Revenue sources include interest on investments and transfers from the General Fund.

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Miscellaneous	-	-	-	-	0.00%
Transfers	706,111	730,798	648,000	(82,798)	-11.33%
Use of Fund Balance	-	-	3,688	3,688	0.00%
Total	706,111	730,798	651,688	(79,110)	-10.83%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	-	-	-	-	0.00%
Operating	-	-	-	-	0.00%
Debt Service	752,004	725,123	641,688	(83,435)	-11.51%
Contingency	-	5,675	10,000	4,325	76.21%
Total	752,004	730,798	651,688	(79,110)	-10.83%

2002 GENERAL OBLIGATION DEBT SERVICE FUND

This fund records principal and interest payments on Series 2002 General Obligation Bonds. Revenues include ad valorem property taxes and interest on investments.

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Property Taxes	457	-	-	-	0.00%
Miscellaneous	-	-	-	-	0.00%
Use of Fund Balance	-	-	-	-	0.00%
Total	457	-	-	-	0.00%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	-	-	-	-	0.00%
Operating	-	-	-	-	0.00%
Debt Service	-	-	-	-	0.00%
Contingency	-	-	-	-	0.00%
Total	-	-	-	-	0.00%

2003 GENERAL OBLIGATION DEBT SERVICE FUND

This fund records principal and interest payments on Series 2003 General Obligation Bonds. The proceeds of this debt issue were utilized to construction Fire Station #92. Revenues include ad valorem property taxes and interest on investments.

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Property Taxes	117,179	114,934	22,020	(92,914)	-80.84%
Miscellaneous	-	-	-	-	0.00%
Transfer	-	-	-	-	0.00%
Use of Fund Balance	-	-	96,654	96,654	0.00%
Total	117,179	114,934	118,674	3,740	3.25%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	-	-	-	-	0.00%
Operating	-	-	-	-	0.00%
Debt Service	113,658	113,000	113,674	674	0.60%
Contingency	-	1,934	5,000	3,066	158.53%
Total	113,658	114,934	118,674	3,740	3.25%

2004 REVENUE BOND

This fund records principal and interest payments on Series 2004 Revenue Bonds. The proceeds of this bond issue were used to construct Fire Station #91.

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Transfers	156,000	157,000	157,000	-	0.00%
Use of Fund Balance	-	-	5,202	5,202	0.00%
Total	156,000	157,000	162,202	5,202	3.31%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	-	-	-	-	0.00%
Operating	-	-	-	-	0.00%
Debt Service	156,568	157,000	157,202	202	0.13%
Contingency	-	-	5,000	5,000	0.00%
Total	156,568	157,000	162,202	5,202	3.31%

2010 GENERAL OBLIGATION DEBT SERVICE FUND

This fund records principal and interest payments on Series 2010 General Obligation Bonds. The proceeds of this bond issue are for a beachfront park.

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Property Taxes	351,419	352,747	352,327	(420)	-0.12%
Miscellaneous	-	-	-	-	0.00%
Total	351,419	352,747	352,327	(420)	-0.12%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	-	-	-	-	0.00%
Operating	-	-	-	-	0.00%
Debt Service	364,145	349,000	345,400	(3,600)	-1.03%
Contingency and Transfers	-	3,747	6,927	3,180	84.87%
Total	364,145	352,747	352,327	(420)	-0.12%

CAPITAL IMPROVEMENT FUND

This fund is used to account for capital asset acquisitions and construction from general government resources and intergovernmental grants.

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Property Taxes	405,648	404,272	409,580	5,308	1.31%
Intergovernmental	326,689	129,803	751,165	621,362	478.70%
Miscellaneous	100,118	-	430,000	430,000	0.00%
Transfers	235,273	-	600,000	600,000	0.00%
Use of Fund Balance	-	-	-	-	0.00%
Bond Proceeds	-	-	-	-	0.00%
Total	1,067,728	534,075	2,190,745	1,656,670	310.19%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	-	-	-	-	0.00%
Operating	-	-	-	-	0.00%
Capital	964,568	357,611	2,126,165	1,768,554	494.55%
Contributions and Transfers	44,736	22,618	24,642	2,024	8.95%
Contingency	-	153,846	39,938	(113,908)	-74.04%
Total	1,009,304	534,075	2,190,745	1,656,670	310.19%

EQUIPMENT RENEWAL AND REPLACEMENT FUND

This fund accounts for replacement of existing capital assets provided by general government resources.

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Property Taxes	429,906	202,136	202,588	452	0.22%
Miscellaneous	44,599	-	-	-	0.00%
Transfers	45,000	-	-	-	0.00%
Lease Financing	-	-	-	-	0.00%
Use of Fund Balance	-	219,227	144,412	(74,815)	-34.13%
Total	519,505	421,363	347,000	(74,363)	-17.65%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	-	-	-	-	0.00%
Operating	-	-	-	-	0.00%
Capital	1,520,173	374,000	299,000	(75,000)	-20.05%
Contributions and Transfers	182,363	47,363	48,000	637	1.34%
Contingency	-	-	-	-	0.00%
Total	1,702,536	421,363	347,000	(74,363)	-17.65%

PUBLIC SAFETY VEHICLE AND EQUIPMENT FUND

This fund accounts for replacement of public safety vehicles and equipment.

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Property Taxes	-	626,225	634,189	7,964	100.00%
Miscellaneous	-	-	-	-	0.00%
Transfers	-	1,522,000	-	(1,522,000)	100.00%
Use of Fund Balance	-	-	299,811	299,811	0.00%
Total	-	2,148,225	934,000	(1,214,225)	100.00%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	-	-	-	-	0.00%
Operating	-	-	120,000	120,000	0.00%
Capital	-	420,000	679,000	259,000	100.00%
Contributions and Transfers	-	218,971	135,000	(83,971)	100.00%
Contingency	-	1,509,254	-	(1,509,254)	100.00%
Total	-	2,148,225	934,000	(1,214,225)	100.00%

TRANSPORTATION IMPROVEMENTS FUND

This fund is used to account for transportation related capital infrastructure acquisition and construction from general government resources.

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Property Taxes	510,916	503,358	506,470	3,112	0.62%
Other Taxes	1,288,543	910,000	1,180,000	270,000	29.67%
Intergovernmental	267,852	411,300	-	(411,300)	-100.00%
Miscellaneous	1,455	-	-	-	0.00%
Bond Proceeds	-	-	-	-	0.00%
Transfers	-	-	-	-	0.00%
Use of Fund Balance	-	1,011,019	576,019	(435,000)	-43.03%
Total	2,068,766	2,835,677	2,262,489	(573,188)	-20.21%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	-	-	-	-	0.00%
Operating	239,934	191,731	193,451	1,720	0.90%
Capital	1,032,684	1,963,000	1,371,900	(591,100)	-30.11%
Contributions and Transfers	714,643	680,946	697,138	16,192	2.38%
Contingency	-	-	-	-	0.00%
Total	1,987,261	2,835,677	2,262,489	(573,188)	-20.21%

RECREATION IMPACT FEE FUND

This fund accounts for impact fees assessed and collected against new construction activities. Use of funds is restricted for expansion of existing recreational facilities or construction of new recreational facilities.

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Miscellaneous (Impact Fees)	194,748	125,000	215,000	90,000	72.00%
Transfers	-	-	-	-	0.00%
Use of Fund Balance	-	-	-	-	0.00%
Total	194,748	125,000	215,000	90,000	0.00%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	-	-	-	-	0.00%
Operating	-	-	-	-	0.00%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Contingency	5,457	125,000	215,000	90,000	0.00%
Total	5,457	125,000	215,000	90,000	72.00%

FACILITIES RENEWAL AND REPLACEMENT FUND

This fund accounts for dedicated tax revenues and corresponding facilities maintenance expenditures.

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Property Taxes	508,392	503,358	506,470	3,112	0.62%
Miscellaneous	63	-	-	-	0.00%
Intergovernmental	(0)	-	-	-	0.00%
Transfers	-	-	-	-	0.00%
Use of Fund Balance	-	189,642	-	(189,642)	100.00%
Total	508,454	693,000	506,470	(186,530)	-26.92%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	-	-	-	-	0.00%
Operating	141,705	68,500	237,000	168,500	245.99%
Capital	741,010	624,500	258,000	(366,500)	-58.69%
Contributions and Transfers	-	-	-	-	0.00%
Contingency	-	-	11,470	11,470	0.00%
Total	882,715	693,000	506,470	(186,530)	-26.92%

ENTERPRISE AND INTERNAL SERVICE FUNDS

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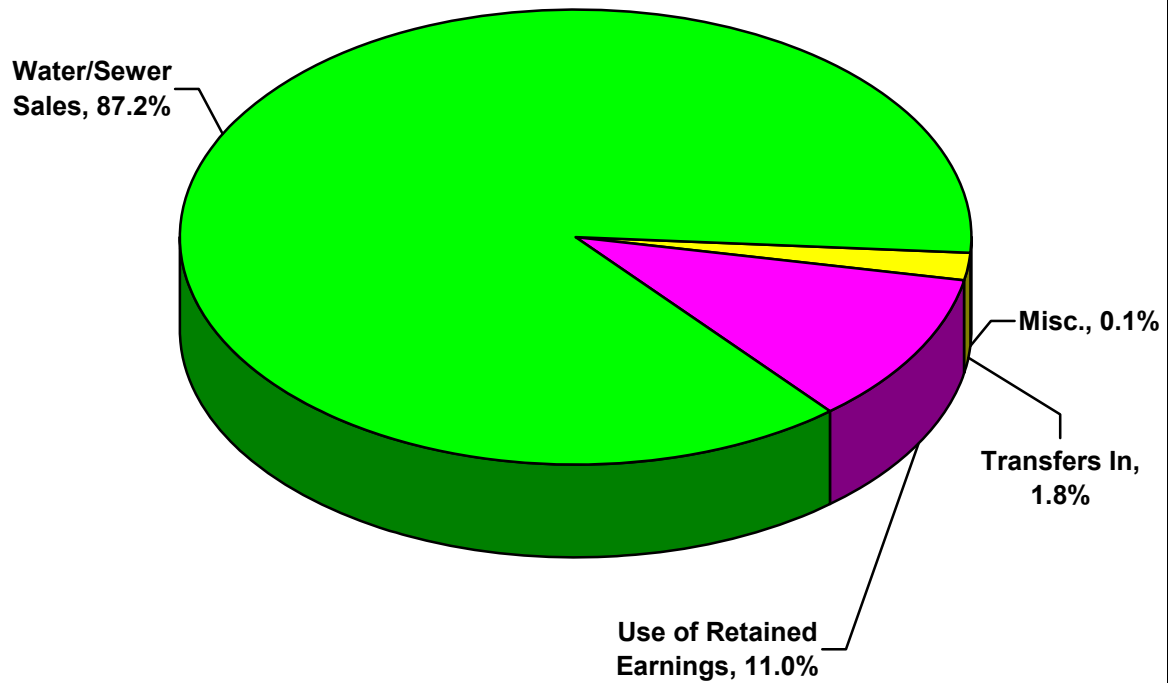
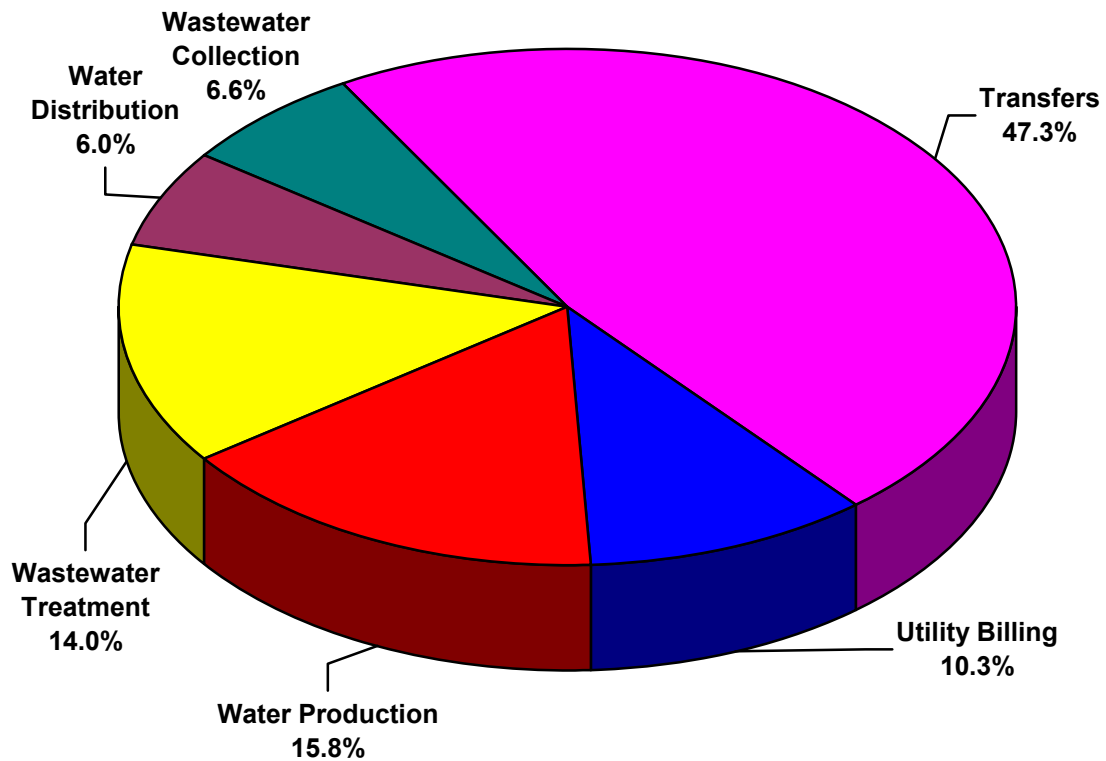
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WATER AND SEWER SUMMARY

Description	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Revenues					
Water/Sewer Sales	19,724,652	20,455,000	20,930,000	475,000	2.32%
Intergovernmental	-	-	-	-	0.00%
Misc Revenue	7,068	55,000	15,000	(40,000)	-72.73%
Transfers In	502,401	350,055	425,887	75,832	21.66%
Use of Retained Earnings	-	950,000	2,630,544	1,680,544	176.90%
Total Net Revenues	20,234,121	21,810,055	24,001,431	2,191,376	10.05%

Expenditures					
Utility Billing	1,476,237	2,340,003	2,467,103	127,100	5.43%
Water Production	3,046,233	3,455,063	3,803,802	348,739	10.09%
Wastewater Treatment	3,097,535	2,893,201	3,352,389	459,188	15.87%
Water Distribution	1,300,417	1,147,329	1,431,645	284,316	24.78%
Wastewater Collection	1,287,927	1,283,155	1,591,328	308,173	24.02%
Non-Departmental	12,537,325	10,691,304	11,355,164	663,860	6.21%
Total Net Expenditures	22,745,673	21,810,055	24,001,431	2,191,376	10.05%

WATER & WASTEWATER FUND REVENUES**WATER & WASTEWATER FUND EXPENDITURES**

UTILITY BILLING AND CUSTOMER SERVICE

Utility Billing and Customer Service administers the City's utility billing system, which includes meter reading, billing and collection, and customer service support. This program produces bills annually for water and wastewater service, stormwater utility, solid waste collection and recycling and performs approximately 260,000 meter readings per year.

UTILITY BILLING AND CUSTOMER SERVICE

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Water & Wastewater	1,476,237	2,340,003	2,467,103	127,100	5.43%
Total	1,476,237	2,340,003	2,467,103	127,100	5.43%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	806,885	729,005	838,113	109,108	14.97%
Operating	669,352	1,610,998	1,628,990	17,992	1.12%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	1,476,237	2,340,003	2,467,103	127,100	5.43%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Full-time Positions:					
Accounting Clerk II	2.00	2.00	2.00	0.00	0.00%
Accounting Technician	3.00	3.00	3.00	0.00	0.00%
Senior Accountant	1.00	1.00	1.00	0.00	0.00%
Customer Serv. Supervisor /Acct.	1.00	1.00	1.00	0.00	0.00%
Meter Reader Supervisor	1.00	1.00	1.00	0.00	0.00%
Meter Reader	4.00	4.00	4.00	0.00	0.00%
Part-time Positions:					
Account Clerk II	0.00	0.00	0.00	0.00	0.00%
Total	12.00	12.00	12.00	0.00	0.00%

UTILITY BILLING AND CUSTOMER SERVICE

GOALS:

- Complete the tenth phase of the City-wide meter replacement program.
- Develop a future plan for City water meters as the tenth phase will complete the process of ensuring all meters throughout the City are radio read meters.
- Maintain generation of 90% of all utility bills within forty-eight hours of the meter read date.
- Maintain the active participation rate for bank drafting utility account payments at 20% of the customer base.
- Increase the active participation rate for customers paying by Internet credit card method.
- Complete 98% of utility work orders within three business days of request.
- Continue working with the utilities distribution program staff replacing commercial meters with radio read meters.
- Increase customer usage of the Interactive Voice Response System by 5%, currently 10%.
- Increase customer usage of the Online Payment Portal by 5%, currently 18%.

PERFORMANCE MEASURES:

	Actual FY 2020-21	Estimate FY 2021-22	Estimate FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Workload:					
Number of utility bills	296,000	301,000	302,000	1,000	0.33%
Customers participating in bank drafting	6,650	6,700	6,850	150	2.24%
Total Number of work orders	19,668	19,750	20,000	250	1.27%
Number of work orders - delinquent cut-offs	4,306	4,450	4,500	50	1.12%
Number of work orders - reconnects	4,306	4,450	4,500	50	1.12%
Efficiency/Effectiveness:					
% customers using bank draft payment	28%	35%	35%	-	0.00%

ACCOMPLISHMENTS:

- Completed the ninth phase of the City-wide meter replacement program.
- Maintained generation of 90% of all utility bills within forty-eight hours of the meter read date.
- Maintained the active participation rate for bank drafting utility account payments.
- Maintained the active participation rate for customers using the Internet account charge and consumption inquiry at 18% of the customer base.
- Completed 98% of utility work orders within three business days of request.
- Navigated through Covid related impact to customers by removing fees and disconnections.

WATER PRODUCTION

The City's Water Production section is responsible for providing a reliable source for safe drinking water to customers contained within the City's 57-square mile service area which includes the incorporated city limits and adjacent unincorporated areas.

The Water Production program is responsible for licensed operation and maintenance of all equipment associated with the City's twelve (12) million gallons per day (mgd) Water Treatment Facility. The treatment facility includes an 8 mgd lime softening process and a 4 mgd low pressure reverse osmosis (LPRO) process. Water is blended from both treatment processes prior to distribution. The LPRO concentrate serves as an irrigation source water source as it is blended with reclaimed water for public access irrigation.

The water production section operates and maintains five (5) wellfields that withdraw groundwater from the Upper Florida aquifer through 38 existing wells to meet current and future water demands. The five wellfields, starting in the west and continuing easterly toward the city, include the Rima Ridge, Hudson, Breakaway Trails, State Road 40, and Division Avenue wellfields. Additionally, two elevated storage tanks & 2 ground storage tanks (total storage @ 4.7 mg) and five booster pumping stations are contained within the distribution system to further assist the delivery of finished water to customers.

The program also maintains the water system in conformance with the requirements of the Safe Drinking Water Act, the regulations of the Florida Department of Environmental Protection, Florida Department of Health (DOH) and the Consumptive Use Permit conditions issued by the St. Johns River Water Management District.

WATER PRODUCTION

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Water & Wastewater	3,046,233	3,455,063	3,803,802	348,739	10.09%
Total	3,046,233	3,455,063	3,803,802	348,739	10.09%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	1,342,230	1,794,848	1,944,038	149,190	8.31%
Operating	1,704,002	1,660,215	1,859,764	199,549	12.02%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	3,046,233	3,455,063	3,803,802	348,739	10.09%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Full-time Positions:					
Utilities Manager	1.00	1.00	1.00	0.00	0.00%
Utilities Engineer	2.00	2.00	2.00	0.00	0.00%
Office Assistant II	1.00	1.00	1.00	0.00	0.00%
Chief Treatment Plant Oper. "A"	1.00	1.00	1.00	0.00	0.00%
Supervisor of Equipment Mnt.	1.00	1.00	1.00	0.00	0.00%
Utility Mnt. Foremen	1.00	1.00	1.00	0.00	0.00%
Lead WTP Operator	1.00	1.00	1.00	0.00	0.00%
Treatment Plant Operator	8.00	8.00	8.00	0.00	0.00%
Plant/Pump Mechanic	1.00	1.00	1.00	0.00	0.00%
Utility Electrician	1.00	1.00	1.00	0.00	0.00%
Enviro. Regulatory Compl. Coord.	1.00	1.00	1.00	0.00	0.00%
Sludge Hauling Tech	1.00	1.00	1.00	0.00	0.00%
SCADA Tech.	1.00	1.00	2.00	1.00	0.00%
Part-time Positions:					
Treatment Plant Operator (1)	0.50	0.50	0.50	0.00	0.00%
Total	21.50	21.50	22.50	1.00	4.65%

* Indicates primary department

WATER PRODUCTION

GOALS:

- Maintain compliant and reliable water production activities meeting customer use demands and regulatory standards to include 4 log Removal Disinfection Certification Status for 12 MGD Water Treatment Facility (8 MGD Lime Softening / 4 MGD LPRO Processes) which requires a 0.7 mg/L Free Chlorine in all three Clearwells and a Combined Filter Effluent (CFE) turbidity of less than or equal to 1 NTU.
- Maintain compliant and reliable water production activities for control of lead and copper, specifically through the use of corrosion inhibitor, to include triennial lead and copper sampling of the distribution system and maintaining an LSI in the finished water of +/- 0.20.
- Implement Citywide Workplace Safety Program as it pertains to Utilities.
- Implement new and improved Safety Procedures including but not limited to gas detection device and use for confined space entry and other Personal Protection Equipment and usage.
- Begin input of plant equipment inventory in new Asset Management software. Get staff trained and utilize Asset Management software to generate and track preventative maintenance actions, work orders, identify assets for replacement.
- Maintain accurate records and submit regulatory reports on schedule.
- Enhance record keeping and tracking practices for water loss prevention and audit purposes.
- Continue to assess well field, in-plant and distribution system operations to identify all groundwater and finished water use.
- Maintain accurate database for recording well pumping, water distribution system flushing, leak detection, main break and fire hydrant flushing activities for quantifying water use and for adherence to regulatory permit standards.
- Promptly and efficiently address recommendations made during periodic Florida Dept. of Health (FDEP/ FDOH) inspections.
- Complete the integration and efficiently utilize the VT SCADA/ RTU systems for in-plant and remote wellfields and storage tanks and booster pumping stations.
- Continue to repaint aboveground yard piping to coincide with FDEP regulations.
- Consistently monitor the status of the new LPRO Membranes by utilizing the normalization software provided by the membrane manufacturer.
- Improve plant equipment efficiency reduce downtime through timely maintenance and replacement.
- Maintain a ZERO loss of work record by way of continuously implementing plant safety measures.
- Begin implementation of Western Service Area improvements including site evaluations of Airport Road Utility facility properties.
- Begin Consumptive Use Permit Renewal Process.
- Initiate study to site and permit additional production wells.
- Complete design and refurbishment of the aeration tank, blowers, clear well and splitter box project.
- Complete design of filters 5 and 6 replacement.
- Complete design of Leeway tank refurbishment.
- Remove Well 18SR from service due to damaged casing.

WATER PRODUCTION

GOALS:

- Add VFD motor control to the production wells to increase efficiency and save energy.
- Use cellular technology for RTU/SCADA communications to replace radios where signal strength is no longer acceptable.

PERFORMANCE MEASURES:

	Actual FY 2020-21	Estimate FY 2021-22	Estimate FY 2022-23	<u>Change</u> FY 2021-22 to FY 2022-23	<u>% Change</u> FY 2021-22 to FY 2022-23
Volume of water (in MG) processed during reporting period	2,503	2,542	2,542	-	0.00%
Volume of wastewater (in MG) processed during reporting period	1,566	1,806	1,806	-	0.00%
Volume of Reclaimed Water (in MG) distributed during reporting period	1,591	1,735	1,735	-	0.00%
Total volume of raw sewage collected for treatment (MGD AADF) from retail customers	4.35	4.95	4.95	-	0.00%
Total number of manhole failures in collection system	201	180	180	-	0.00%
Total number of leaks in distribution system	211	146	146	-	0.00%
Total number of pipeline breaks in distribution system	34	42	42	-	0.00%
Total number of leaks in reclaimed water system	27	12	12	-	0.00%
Total number of pipeline breaks in reclaimed water system	7	12	12	-	0.00%
Sum of all qualified formal training hours completed by all employees	700	700	700	-	0.00%
Number of calendar days utility was in full compliance with all drinking water quality and treatment technique requirements contained in National Primary Drinking Water Regulations	365	365	365	-	0.00%
Number of calendar days utility was in full compliance with all drinking water quality and treatment technique requirements contained in National Secondary Drinking Water Regulations	365	365	365	-	0.00%
Total number of standard non-compliance days	-	-	-	-	-
Total water treatment plant effluent flow distributed to distribution system	2,033	2,150	2,200	50	2.33%

WATER PRODUCTION

ACCOMPLISHMENTS:

- Maintained compliant Consumptive Use Permit (CUP) operating and reporting requirements and annual groundwater withdrawal allocations. Current year groundwater withdrawal allocation at 7.795 MGD. Current year annual average day groundwater withdrawals for FY 2019-20 at 6.86 MGD. Reporting includes semi-annual EN-50 Groundwater Withdrawal & Annual Wetlands Monitoring reports along with other groundwater conditions sampling, monitoring and reporting.
- Completed 2020 Annual Water Quality “Consumer Confidence” Report.
- Recorded Zero Distribution Bacteriological failures.
- Maintained compliant and reliable water production activities meeting customer use demands and regulatory standards. Current year water plant average day production is 5.57 Million Gallons per Day (MGD) with 7.89 MGD max day demand during recent 12-month period.
- Provide necessary training and continuing education opportunities to current operations staff to promote licensure certification and personnel expertise.
- Implement Citywide Workplace Safety Program as it pertains to Utilities.
- Maintained the distribution system through consistent monthly flushing programs.
- Replaced the Water Treatment Plant static mixer. Along with a new static mixer, this project included the needed upgrade of the chemical injection points and a shade structure.
- Completed the implementation of VTSCADA system for all Water, Wastewater, and Reuse facilities including Water Treatment Plant, Raw Water Wells, Storage Tanks, Booster Stations, Waste Water Treatment Plant, Lift Stations and Reuse Facilities. Team member completed advanced training course for VTSCADA.
- Replaced LPRO membranes at the water plant.
- Continued implementing the Tour Trax Asset management system to ensure that quality inspections on vital equipment are done consistently around the plant.
- Installed security surveillance equipment around the facility
- Continued the Water Plant beautification project. This project includes the remediation of rust and corrosion on the plant infrastructure, the addition of planters, shrubbery and trees, as well as painting the pipes and the interior of the Administration building.
- Completed installation of new Static Mixer.
- Completed western service area water distribution system improvements model and project alternatives for promoting improved level of service and reliability and for developing effective options for developer considerations.
- Completed Lime Slaker replacement and MCC project.
- Completed sludge Centrifuge Replacement project.
- Replaced non-operational pump/ motor assemblies at Rima 35, 36, 37, & 38.
- Replaced the underground Electric Service between Hudson wells 30 and 29.
- Complete preparation of bid documents and award for multi-year contracts for Pump and motor repair, Well Repair and Rehabilitation, and Instrumentation and Programming.

WASTEWATER TREATMENT

The City's Wastewater Treatment section is responsible for the compliant operation and maintenance of an advanced domestic wastewater treatment facility having an annual average day capacity of 8.0 million gallons per day (mgd). The treatment process utilized at the City's WWTP consists of influent pumping with odor control, primary screening, five-stage Bardenpho™ (fermentation, first anoxic, aeration, second anoxic, and re-aeration), clarification, media filtration, and disinfection. The wastewater section is also responsible for the reliable operation of over eighty (80) remote lift stations contained within the sanitary sewer service area.

The wastewater treatment facility serves as the source of water for the City's public access reclaimed water system. The reclaimed water system generally consists of two reclaimed water storage tanks (one with a capacity of 3.0 million gallons and one with a capacity of 4.0 million gallons, one high service pump station with a total installed pumping capacity rated at 9800 gpm (14.1 mgd) at 85 psi. This program produces approximately 840 million gallons of reuse water annually, providing an available alternative water source for irrigation needs for 2,345 reuse customers in addition to two golf courses. Treated effluent not reused for irrigation is discharged to the City's permitted surface water discharge, the Halifax River. De-watered residuals (or biosolids) are transported from the wastewater treatment facility and treated to Class AA residual standards by a State-licensed contractor.

Competent, State-licensed operators are responsible for operating the plant in conformance with the requirements of the Clean Water Act, the operating permit and NPDES (National Pollution Discharge Elimination System) permit issued by the Florida Department of Environmental Protection (DEP) and the Environmental Protection Agency (EPA).

WASTEWATER TREATMENT

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Water & Wastewater	3,097,535	2,893,201	3,352,389	459,188	15.87%
Total	3,097,535	2,893,201	3,352,389	459,188	15.87%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	968,099	925,158	1,123,630	198,472	21.45%
Operating	2,129,435	1,968,043	2,228,759	260,716	13.25%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	3,097,535	2,893,201	3,352,389	459,188	15.87%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Full-time Positions:					
Utility Mnt. Foreman	1.00	1.00	1.00	0.00	0.00%
Plant/Pump Mechanic	2.00	2.00	2.00	0.00	0.00%
Chief Treatment Plant Operator	1.00	1.00	1.00	0.00	0.00%
Lead Operator	1.00	1.00	1.00	0.00	0.00%
Treatment Plant Operator	8.00	8.00	8.00	0.00	0.00%
Total	13.00	13.00	13.00	0.00	0.00%

WASTEWATER TREATMENT

GOALS:

- Execute Grit Removal contract and complete annual grit removal. Improved grit removal equipment efficiency and should not need to remove grit from process tanks. Will have company take tank readings. Grit contract expired in 2021.
- Implement Citywide Workplace Safety Program as it pertains to Utilities.
- Implement new and improved Safety Procedures including but not limited to gas detection device and use for confined space entry and other Personal Protection Equipment and usage.
- Complete input of plant equipment inventory in new Asset Management software. Get staff trained and utilize Asset Management software to generate and track preventative maintenance actions, work orders, identify assets for replacement.
- Continue to maintain reliable WWTP operations monitoring and reporting standards and operation parameters for reuse and surface water discharges and Class AA residuals sludge disposal in accordance with regulatory conditions contained in the City's current FDEP Operating Permit.
- Continue optimizing reuse disposal system operations and expansion to further reduce surface water discharges to Halifax River and to promote water conservation. SWD usage has dramatically increased since river crossing repairs and will continue to increase until plan is implemented.
- Complete the annual reporting requirements for the following topics and activities: Capacity Analysis, Reuse Summary and Correlation, Pretreatment DMR, Primary and Secondary Drinking Water Standards, Summary of Water Quality and Residuals.
- Continue enhancements to SCADA monitoring and reporting program for plant and remote lift station and reuse pumping and storage systems
- Provide necessary training and continuing education opportunities to current operations staff to promote licensure certification and personnel expertise.
- Improve plant equipment and Lift Stations through maintenance, replacement and purchase of critical equipment spares.
- Permit commercial industries identified as having the capability to contribute contaminants to the sewer collection system that may exceed allowable limits.
- Complete inventory and documentation for backup meters and probes.
- Perform repairs to all concrete reclaimed water ground storage tanks.
- Complete preparation of bid documents and award for multi-year contracts for annual chemical supplies for water and wastewater treatment facilities and wastewater residuals hauling treatment and disposal contract services.
- Complete modifications to chlorine contact chamber to reduce and eliminate permit exceedances, shading to areas to inhibit algae and organism growth.
- Award and complete improvements to Master Lift Station, sludge decant and polymer injection, and post anoxic mixer.
- Replacing a sand filter with a Diamond Filter cloth media filter.
- Complete rehabilitation of Clarifier and Weir Covers to reduce and eliminate fecal permit exceedances.
- Replacement of the chemical storage building due to excessive corrosion and safety risk.
- Rehab and remodel Operations building.

WASTEWATER TREATMENT

ACCOMPLISHMENTS:

- Completed the reporting requirements for the following topics and activities: Reuse, Pretreatment DMR, Primary & Secondary Drinking Water Standards, Priority Pollutants, EPA 503 Biosolids, Reuse Summary and Correlation, Summary of Water Quality & Residuals, Bi-annual Giardia and Cryptosporidium, Semi-annual SWD Toxicity, quarterly Groundwater Monitoring and monthly Discharge Monitoring Reports.
- Plant processed 1,706 million gallons of influent flow (4.67 MGD annual avg. day) and distributed 1,224 million gallons of reuse product (3.35 MGD annual avg. day) during the annual period.
- Completed WWTP Operating Permit Renewal and approval through FDEP. This renewal included revised permit conditions for a Holly Hill Reclaim Water Interconnection to allow more flexibility with reclaimed water use during times supply shortages, conversion of an Equalization Basin into a 3rd Chlorine Contact Basin with baffle installation to improve disinfection and increase permit compliance, the elimination of chronic SWD toxicity testing and reduced frequency and the removal of the Annual Average Total Nitrogen and Total Phosphorus requirement.
- Accurately monitored and reported operation parameters for reuse and surface water discharges and Class AA residuals sludge disposal in accordance with regulatory conditions contained in the City's current FDEP Operating Permit.
- Optimized reuse disposal system operations and expansion to further reduce surface water discharges to Halifax River and to promote water conservation. SWD increased due to river crossing repairs.
- Updated City's Industrial Pretreatment Program (IPP) Enforcement Response Plan to concur with current Sewer Use Ordinance and permit renewal provisions.
- Completed Industrial Pretreatment Program (IPP) annual permitting, sampling, inspection and reporting activities.
- Provided necessary training and continuing education opportunities to current operations staff to promote licensure certification and personnel expertise.
- Completed VT SCADA system, software and integration.
- Completed project to install new centrifuges and modify the reaeration basin.
- Replace the three variable frequency drives at the influent pump station.
- Completed construction of the Reuse pumping and storage facility at Break Away Trails.
- Complete rehabilitation of Lift Stations 3M, Ashford Lakes and Tomoka Meadows.
- Complete Electrical and Lift Station upgrades at Break Away Trails.
- Completed design plans and specifications to replace the three variable frequency drives at the influent pump station.
- Coordinated Chlorine Contact Chamber CIP improvements in attempt to curtail fecal detections per DEP Consent Order.
- Installed three VFD's for the facility's effluent screw pumps.
- Repurposed Micro-C chemical storage tank to store and distribute Aluminum Sulfate and decommissioned old Alum tanks due to age and condition.
- Installed grit by-pass channel high level alarm.
- Replaced one of four Dewatering pumps to eliminate overflows.

WASTEWATER TREATMENT

ACCOMPLISHMENTS:

- Grit snail rebuilt.
- Purchased and installed new Laser Turbidity Meters.
- Multitude of plant lighting improvements for safety.
- Purchased and installed dual hypo chemical strainers to reduce plugging and potential permit exceedances
- Complete SWD CBOD investigation and corrective actions to reduce and eliminate permit exceedances.
- Complete Rehabilitation of Sand Filter 1.

WATER DISTRIBUTION

The Water Distribution Section is responsible for reliable operation of the water distribution system.

State-licensed operators and experienced technicians operate and maintain over 400 miles of potable and 25 miles of raw water mains comprised of several material types to include nearly 2000 fire hydrants and thousands of various sized valves and miscellaneous appurtenances.

In addition, this section is responsible for the installation of all new water meters, testing, calibration and/or replacement of existing water meters, enforcement of the cross connection control program and backflow prevention device maintenance. The water distribution crews also self-perform leak detection reconnaissance of the distribution system and respond to all customer requests for assistance and perform any repairs necessary to maintain system service reliability.

WATER DISTRIBUTION

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Water & Wastewater	1,300,417	1,147,329	1,431,645	284,316	24.78%
Total	1,300,417	1,147,329	1,431,645	284,316	24.78%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	837,519	755,336	917,884	162,548	21.52%
Operating	462,898	391,993	513,761	121,768	31.06%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	1,300,417	1,147,329	1,431,645	284,316	24.78%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Full-time Positions:					
Supervisor of Water Distribution	1.00	1.00	1.00	0.00	0.00%
Office Assistant II	0.25	0.00	0.00	0.00	0.00%
Utility Mapping/Locate Tech.	0.50	1.00	2.00	1.00	0.00%
System Maintenance Foreman	2.00	2.00	2.00	0.00	0.00%
Water Distribution Operators	8.00	8.00	8.00	0.00	0.00%
Utility Electrician	0.25	0.00	0.00	0.00	0.00%
Water Quality Control Tech	1.00	1.00	1.00	0.00	0.00%
Part-time Positions:					
Utility Mapping/Locate Tech.	0.50	0.50	0.00	-0.50	0.00%
Total	13.50	13.50	14.00	0.50	3.70%

WATER DISTRIBUTION

GOALS:

- Maintain reliable water distribution system operations for meeting customers use and quality demands.
- Continue to search for sources of unaccounted for water with emphasis on leak detection program, frequent large meter testing and maintenance of accurate flushing record database to detect all usage throughout City's distribution system. Perform leak detection with in-house personnel for distribution system annually.
- Implement Citywide Workplace Safety Program as it pertains to Utilities.
- Implement new and improved Safety Procedures including but not limited to gas detection device and use for confined space entry and other Personal Protection Equipment and usage.
- Ensure main breaks and service interruptions are repaired in a timely manner and noticed in accordance with pertinent Florida Dept. of Health Regulations.
- Test and inspect all City owned backflow preventers on an annual basis.
- Complete 100% of all service work orders prepared for fire hydrants as identified by Utilities and Fire Department inspections.
- Complete maintenance of all fire hydrants in Ormond by the Sea per yearly contract condition with Volusia County.
- Complete input of asset inventory in new Asset Management software. Get staff trained and utilize Asset Management software to generate and track preventative maintenance actions, work orders, identify assets for replacement.
- Continue enhancements to City's Cross Connection Control Program and compliance rating.
- Modify for efficiencies and continue to improve current distribution system monitoring, sampling and flushing programs to promote better understanding of system operating conditions and improve water quality.
- Install all new meter requests received due to new development or new customer requests for service.
- Perform accuracy testing on water meters in accordance with or exceeding AWWA standards as referenced in the Water Meter Testing and Repair Manual.
- Complete the Phase IV design for the water main replacement project.
- Construct a parallel water main to improve service and redundancy to the north US1 corridor.
- Construct a secondary 24" raw water main along SR40 from Hunters Ridge to Williamson Boulevard.
- Award bid and complete Leeway Storage Tank and Pump Station Rehabilitation and Improvements project.
- Complete installation of N. US 1 water main expansion project.
- Begin implementation of Western service area improvements including completion of SR 40 / Airport Road water main loop project.

WATER DISTRIBUTION

ACCOMPLISHMENTS:

- Maintained reliable water distribution system operations for meeting customer water use demands and water quality concerns.
- Continued activities and focus to minimize unaccounted water with emphasis on large meter testing, leak detection, flushing database records, small meter replacement and raw water metering accuracy and reporting.
- Repaired all water main breaks and service interruptions in a timely manner and notified affected customers in accordance with pertinent FDEP/ FDOH regulations. Water distribution system returned to service within 12 hours of widespread distribution main ruptures due to extensive tree uprooting during Hurricane Matthew.
- Inspected and/ or repaired all city owned backflow prevention devices (BFPD). Continue installation of BFPD on city owned irrigation systems lacking protection.
- Installed new or exchanged approximately 400 water meters.
- Serviced approximately 283 fire hydrants in Ormond-by-the-Sea that are under a maintenance contract with Volusia County Fire Dept., performed maintenance activities on 152 fire hydrants within city limits located between Beach St and US1 starting from south city limits.
- Responded to and performed repairs on approximately 45 main breaks and 415 service laterals and prepared the necessary Precautionary Boil Water Notices.
- Tested and repaired 100% of all meters within City sized 3" and larger scheduled for this fiscal year. Continue scheduling four to six-year testing program on 2" and 1 ½" water meters
- Replaced approximately 15 non-operable isolation valves of various sizes throughout distribution system.
- Performed scheduled valve maintenance activity on approximately 280 water main valves and as necessary in support of scheduled system shutdowns associated with capital projects or water distribution main and services breaks.
- Flushed water mains for Cl2 residual and overall water quality maintenance from US1 to west City Limits.
- Serviced 26 automatic flushing devices in various locations throughout distribution system.
- Replaced a leaking GSP water main causing low pressure to residents on Rocky Ridge Trail.

WASTEWATER COLLECTION AND REUSE DISTRIBUTION

The City's wastewater collection system section is responsible for maintaining reliable operating characteristics throughout the City's wastewater customer service area for:

- 182 miles of gravity sewer main
- 54 miles of force mains
- 24 miles of reuse water mains
- 23 miles of low-pressure sewer mains

The Wastewater Collections program services and maintains over 1,600 Pretreatment Effluent Pumping (PEP) systems serving the low pressure sewer collection needs at the Hunter's Ridge and Breakaway Trails development areas.

The wastewater collection and reuse distribution program performs various preventative maintenance functions to include televising sewer mains for determination of repair needs and identifying inflow-infiltration areas of concern, root control, and periodic pigging of force mains due to main pressure fluctuations affecting operational reliability.

This program also provides round the clock piping and manhole repair activities and response to customer requests for assistance in the event of a sewer backup or reuse irrigation service interruption.

WASTEWATER COLLECTION AND REUSE DISTRIBUTION

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Water & Wastewater	1,287,927	1,283,155	1,591,328	308,173	24.02%
Total	1,287,927	1,283,155	1,591,328	308,173	24.02%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	760,348	821,957	833,773	11,816	1.44%
Operating	527,578	461,198	757,555	296,357	64.26%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	1,287,927	1,283,155	1,591,328	308,173	24.02%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Full-time Positions:					
System Mnt. Foremen	2.00	2.00	2.00	0.00	0.00%
Supervisor of Collection/Reuse	1.00	1.00	1.00	0.00	0.00%
Plant/Pump Mechanic	2.00	2.00	2.00	0.00	0.00%
Maintenance Worker II	3.00	3.00	3.00	0.00	0.00%
Maintenance Worker III	3.00	3.00	3.00	0.00	0.00%
Maintenance Worker IV	2.00	2.00	2.00	0.00	0.00%
Total	13.00	13.00	13.00	0.00	0.00%

WASTEWATER COLLECTION AND REUSE DISTRIBUTION

GOALS:

- Maintain reliable wastewater collection system (gravity and force main) and reuse storage and distribution operations for customers.
- Implement Citywide Workplace Safety Program as it pertains to Utilities.
- Implement new and improved Safety Procedures including but not limited to gas detection device and use for confined space entry and other Personal Protection Equipment and usage.
- Continue sanitary sewer lining projects citywide.
- Prioritize multi-year lining contract scope of work and renewal to correct known defects or deteriorated portions of sewer mains to ensure the integrity of the system and reduce inflow and infiltration.
- Clean and televise approximately 10,000 feet of gravity sewer main and 200 each sewer laterals. PM activities are performed to prioritize and correct defects in deteriorated portions of sewer mains/ service laterals to reduce likelihood of overflows, inflow and infiltration.
- Begin input of asset inventory in new Asset Management software. Get staff trained and utilize Asset Management software to generate and track preventative maintenance actions, work orders, identify assets for replacement.
- Rehabilitation of 50 PEP Systems in Hunter's Ridge and Breakaway Trails Areas.
- Complete construction for Lift Station Rehabilitation Projects including station piping, valves and controls upgrades.
- Perform root control services on gravity sanitary sewer as necessary.
- Support Reuse Service area expansion and service to include recent priority to serve south peninsula area customers.
- Develop a Fats, Oils and Grease (FOG) program plan to assist in reducing the amount of the FOG clogging the sewer transmission lines. Initiate records database for development of inspection program for grease interceptors installed at commercial restaurants within the City's sewer collection service area.
- Review best practices concerning flushable items with all Daycare and Senior care facilities to enhance awareness of potentially harmful disposal methods.
- Repair settled manholes on A1A.
- Begin implementation of western service area improvements related to wastewater collection and conveyance including extension of SR 40 Force main and site evaluation of Airport Road Utility Parcels.

WASTEWATER COLLECTION AND REUSE DISTRIBUTION

ACCOMPLISHMENTS:

- Successfully operated City-wide reuse system for annual period delivering reuse product to over 3,200 residential and 2 golf course customers having demand in excess of 1.3 Billion Gallons.
- Submitted the Annual Reuse Report 2019 per FDEP WWTF permit requirements illustrating 4.2 MGD of the 4.43 MGD annual average day flow received at the City's treatment facility is utilized for land application irrigation purposes.
- Maintained Standard Operating Procedures for Reuse Distribution System including responses to extended dry and wet weather conditions and notification to customers regarding service interruptions or other changes.
- Identified locations for additional meters and valves to provide better operational control and water accounting. Installation commenced.
- PEP System PM Activities: Completed rehabilitation of 18 units, replacement of 7 units, performed installation of 0 new units and performed electrical upgrades to 136 PEP System units replaced in West Ormond Low Pressure Sewer Service area.
- Cleaned approximately 8,800 feet of gravity sewer main and 103 each sewer laterals. Televised approximately 750 feet of gravity sewer main and 333 each sewer laterals. Performed root control program activities on approximately 110 each sewer laterals.
- Completed monthly and annual scheduled preventative maintenance service calls for 90 sewage lift stations throughout the collection system which includes reassembly of each duplex configured pump and motor. Responded to all emergency call outs from SCADA and WIN911 Lift Station monitoring system after hours calls for service alarms (annual average 3 calls per week). Ongoing accomplishment
- Completed approximately 1250 repairs to collection system (gravity, force main, services and manhole) service calls and 252 reuse system leaks and main breaks.
- Completed a variety of lift station and motor replacements and repairs at various lift stations throughout the sanitary sewer collection system.
- Maintained reliable wastewater collection system (gravity and force main) and reuse storage and distribution operations for customers.
- Assisted reuse system installation project for North US Hwy 1 Median Landscape Project.
- Completed master developer service agreement for Hunter's Ridge – DRI – Flagler Co. to include approval of an overall water and sewer master plan and model.
- Prepared bid specifications for upgrades to PEP System components and awarded a contract for replacement pumps.
- Completed construction for Breakaway Trails Yard Electrical and Pump Upgrades project.
- Prepared design plans and specifications for bidding Lift Station Rehabilitation Project to include 4M and 5M lift station piping, valves and controls upgrades.
- Prepared design plans and specifications and completed construction for the Shadow Crossings Reuse Pump Facility Upgrades Project.
- Complete reclaimed water interconnection with City of Holly Hill.
- Rehabilitation of 50 PEP Systems in Hunter's Ridge and Breakaway Trails Areas.
- Construct a parallel force main to improve service and redundancy to the north US1 corridor

WASTEWATER COLLECTION AND REUSE DISTRIBUTION

ACCOMPLISHMENTS:

- Constructed North US 1 force main improvements project for promoting improved level of service and reliability and for developing effective options for developer considerations.

WATER AND WASTEWATER TRANSFERS

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Water & Wastewater	12,537,325	10,691,304	11,355,164	663,860	6.21%
Total	12,537,325	10,691,304	11,355,164	663,860	6.21%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	-	-	-	-	0.00%
Operating	-	-	-	-	0.00%
Capital	-	-	-	-	0.00%
Contingency	-	100,546	-	(100,546)	100.00%
Contributions and Transfers	12,537,325	10,590,758	11,355,164	764,406	7.22%
Total	12,537,325	10,691,304	11,355,164	663,860	6.21%

WATER AND WASTEWATER VEHICLE AND EQUIPMENT REPLACEMENT FUND

This fund accounts for replacement of existing vehicles and equipment for the benefit of Water and Wastewater.

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Miscellaneous	7,679	-	-	-	0.00%
Transfer	150,000	150,000	150,000	-	0.00%
Use of Fund Balance	-	50,000	218,000	168,000	336.00%
Total	157,679	200,000	368,000	168,000	84.00%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	-	-	-	-	0.00%
Operating	-	-	-	-	0.00%
Capital	275,049	200,000	368,000	168,000	84.00%
Contributions and Transfers	-	-	-	-	0.00%
Contingency	-	-	-	-	0.00%
Total	275,049	200,000	368,000	168,000	84.00%

WATER AND WASTEWATER RENEWAL AND REPLACEMENT FUND

This fund accounts for replacement of existing capital assets for the benefit of Water and Wastewater.

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Bond Proceeds	-	-	5,279,000	5,279,000	0.00%
Intergovernmental	-	4,935,000	-	(4,935,000)	100.00%
Charges for Services	196,954	107,000	187,000	80,000	0.00%
Miscellaneous	350	-	-	-	0.00%
Transfers	5,000,000	2,500,000	3,672,745	1,172,745	46.91%
Use of Retained Earnings	-	85,865	355,667	269,802	100.00%
Total	5,197,303	7,627,865	9,494,412	1,866,547	24.47%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	-	-	-	-	0.00%
Operating	511,995	595,365	862,412	267,047	44.85%
Capital	2,664,296	7,032,500	8,632,000	1,599,500	22.74%
Contributions and Transfers	-	-	-	-	0.00%
Contingency	-	-	-	-	0.00%
Total	3,176,291	7,627,865	9,494,412	1,866,547	24.47%

WATER AND WASTEWATER CONSOLIDATED DEBT SERVICE FUND

Used to account for principal and interest payments resulting from the issue of revenue bonds and debt financing.

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Bond Proceeds		-	-	-	0.00%
Transfer	9,379,133	5,228,000	4,743,500	(484,500)	-9.27%
Use of Fund Balance	-	-	10,000	10,000	0.00%
Total	9,379,133	5,228,000	4,753,500	(484,500)	-9.27%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	-	-	-	-	0.00%
Operating	-	-	-	-	0.00%
Debt Service	5,218,410	5,228,000	4,743,500	(484,500)	-9.27%
Contributions and Transfers	(4,287,341)	-	-	-	0.00%
Contingency	-	-	10,000	10,000	0.00%
Total	931,069	5,228,000	4,753,500	(474,500)	-9.08%

WEST ORMOND REUSE IMPACT FEE FUND

This fund accounts for impact fees assessed against new construction activities. Use of these funds is restricted for expansion and construction of West Ormond irrigation facilities.

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Intergovernmental	-	-	-	-	0.00%
Miscellaneous (Impact Fees)	60	-	-	-	0.00%
Use of Retained Earnings	-	-	850,000	850,000	0.00%
Total	60	-	850,000	850,000	0.00%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	-	-	-	-	0.00%
Operating	-	-	-	-	0.00%
Capital	-	-	850,000	850,000	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Contingency	-	-	-	-	0.00%
Total	-	-	850,000	850,000	0.00%

WATER SYSTEM IMPACT FEE FUND

This fund accounts for impact fees assessed against new construction activities. Use of these funds is restricted for expansion and construction of water facilities.

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Intergovernmental	-	-	-	-	0.00%
Miscellaneous (Impact Fees)	745,076	460,000	725,000	265,000	57.61%
Transfers	-	-	-	-	0.00%
Use of Retained Earnings	-	60,000	-	(60,000)	-100.00%
Total	745,076	520,000	725,000	205,000	39.42%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	-	-	-	-	0.00%
Operating	-	-	-	-	0.00%
Capital	13,193	520,000	300,000	(220,000)	-42.31%
Contributions and Transfers	-	-	-	-	0.00%
Contingency	-	-	425,000	425,000	0.00%
Total	13,193	520,000	725,000	205,000	39.42%

WASTEWATER SYSTEM IMPACT FEE FUND

This fund accounts for impact fees assessed against new construction activities. Use of these funds is restricted for expansion and construction of wastewater facilities.

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Intergovernmental	-	-	2,032,000	2,032,000	0.00%
Miscellaneous (Impact Fees)	652,988	400,000	675,000	275,000	68.75%
Bond Issue	-	-	-	-	0.00%
Transfers	-	-	-	-	0.00%
Use of Retained Earnings	-	-	1,593,000	1,593,000	0.00%
Total	652,988	400,000	4,300,000	3,900,000	975.00%

Expenditures:

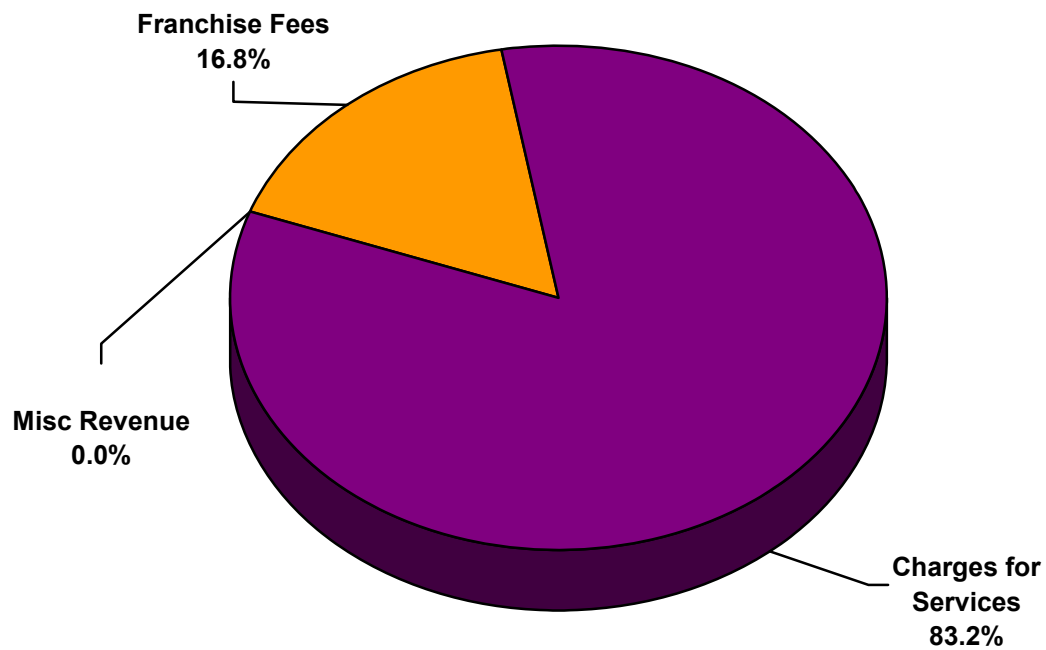
	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	-	-	-	-	0.00%
Operating	-	-	-	-	0.00%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	4,300,000	4,300,000	0.00%
Contingency	-	400,000	-	(400,000)	0.00%
Total	-	400,000	4,300,000	3,900,000	975.00%

SOLID WASTE FUND SUMMARY

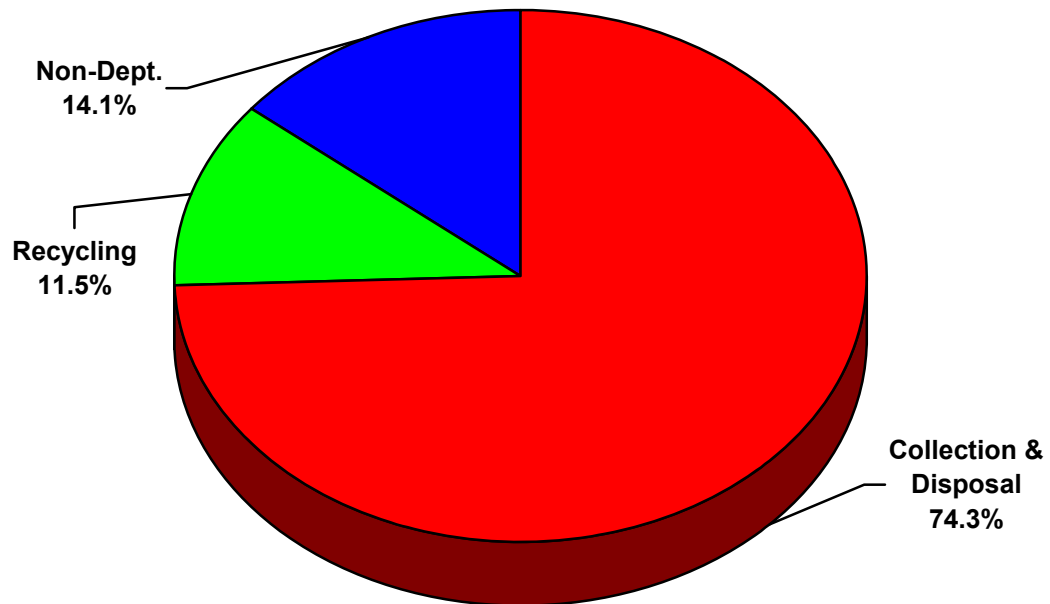
Description	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Revenues					
Franchise Fees	1,579,553	1,500,000	1,648,000	148,000	9.87%
Intergovernmental	41,422	-	-	-	0.00%
Other Charges for Services	7,531,172	7,940,000	8,178,200	238,200	3.00%
Misc. Revenue	275	1,000	1,000	-	0.00%
Transfers In	-	-	-	-	0.00%
Use of Retained Earnings	-	3,232	-	(3,232)	-100.00%
Total Net Revenues	9,152,422	9,444,232	9,827,200	382,968	4.06%

Expenditures					
Collection & Disposal	7,086,369	7,068,712	7,306,235	237,523	3.36%
Recycling	1,026,233	1,096,778	1,133,960	37,182	3.39%
Non-Departmental	1,255,167	1,278,742	1,387,005	108,263	8.47%
Total Net Expenditures	9,367,768	9,444,232	9,827,200	382,968	4.06%

SOLID WASTE FUND REVENUES



SOLID WASTE FUND EXPENDITURES



SOLID WASTE COLLECTION AND DISPOSAL

Through an exclusive franchise with a private contractor, the Collection and Disposal program provides for curbside collection of Class I residential solid waste twice per week and yard once per week. The contractor also collects solid waste from all commercial businesses a minimum of three (3) days per week to a maximum of six (6) days per week.

The contractor disposes of all Class I solid waste at the Volusia County solid waste facility. Residential customers pay a monthly fee to cover the costs of collection and disposal. Commercial customers are presently charged per cubic yard of solid waste disposed in two, four, six and eight cubic yard containers.

Approximately 28,000 tons of solid waste consisting of residential (15,000 tons) and commercial (13,000 tons) is collected annually (excludes 8,300 tons of yard waste).

SOLID WASTE COLLECTION AND DISPOSAL

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Solid Waste	7,086,369	7,068,712	7,306,235	237,523	3.36%
Total	7,086,369	7,068,712	7,306,235	237,523	3.36%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	105,053	178,587	184,854	6,267	3.51%
Operating	6,973,720	6,890,125	7,121,381	231,256	3.36%
Capital	7,596	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	7,086,369	7,068,712	7,306,235	237,523	3.36%

Staffing Summary:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Full-time Positions:					
Public Works Operations Mgr.	0.00	1.00	1.00	0.00	0.00%
Total	0.00	1.00	1.00	0.00	0.00%

SOLID WASTE COLLECTION AND DISPOSAL

GOALS:

Collection and Disposal:

- Complete 100% of daily residential and commercial collections no later than 7:00 p.m. each day.
- Achieve an on-time daily collection rate of at least 95% (collections time variance of no more than four (4) hours from original time).

Recycling:

- Achieve a monthly participation rate for residential customers of 93%.
- Divert a total of 33% from all solid waste (includes C/D, yard waste tires, etc.) generated within the City from being disposed at a certified Class I Landfill (includes commercial recycling).
- Maintain the number of recyclables collected per residential unit at an average of five point eighty-five (5.85) pounds.

PERFORMANCE MEASURES:

	Actual FY 2020-21	Actual FY 2021-22	Estimate FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Workload:					
Residential collections	17,650	17,756	17,765	9	0.05%
Commercial collections	550	520	525	5	0.96%
Recycling customers	18,125	18,375	18,345	(30)	-0.16%
Miles of street sweeping	5,150	5,271	5,150	(121)	-2.30%
Efficiency/Effectiveness:					
Inquiries-Residential collections monthly average	73	63	60	(3)	-4.76%
Inquiries-Commercial collections monthly average	17	11	15	4	36.36%

ACCOMPLISHMENTS:

Collection & Disposal:

- Completed 100% of solid waste collections on time (residential/commercial)
- Achieved a 100% on-time daily collection rate.
- Received compliments for excellence in service provided

Recycling:

- Achieved a monthly participation rate of 91.80%.
- Achieved a diversion rate of 30.65% (elimination of glass 5/19)
- Maintained 12 recyclable items collected curbside.
- Maintained a 100% compliance with daily recycling bin delivery.
- Maintained an average 5.05 pounds per household of recyclables collected curbside.
- Successfully promoted recycling program changes, elimination of glass from recycling collection to the community

SOLID WASTE RECYCLING

The Recycling program provides curbside collection of fourteen (14) different recyclable products for all residential customers on a once per week basis through a private contractor. The program was initiated on a citywide basis on July 1, 1991 in order to meet the requirements of the 1988 Solid Waste Management Act, which requires cities and counties in the State of Florida to reduce the amount of solid waste disposed at landfills by 30%.

Approximately 3,500 tons of recyclable materials are collected annually. Residential customers pay a monthly fee to cover the costs of recycling.

In addition, the program provides educational classes and materials through publications, trade shows and in-school presentations.

SOLID WASTE RECYCLING

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Solid Waste	1,026,233	1,096,778	1,133,960	37,182	3.39%
Total	1,026,233	1,096,778	1,133,960	37,182	3.39%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	34,834	-	-	-	#DIV/0!
Operating	991,398	1,096,778	1,133,960	37,182	3.39%
Capital	-	-	-	-	0.00%
Contributions and Transfers	-	-	-	-	0.00%
Total	1,026,233	1,096,778	1,133,960	37,182	3.39%

SOLID WASTE TRANSFERS

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Solid Waste	1,255,167	1,278,742	1,387,005	108,263	8.47%
Total	1,255,167	1,278,742	1,387,005	108,263	8.47%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	-	-	-	-	0.00%
Operating	-	-	-	-	0.00%
Capital	-	-	-	-	0.00%
Debt Service	-	-	-	-	0.00%
Contributions and Transfers	1,255,167	1,278,742	1,343,962	65,220	5.10%
Contingency	-	-	43,043	43,043	0.00%
Total	1,255,167	1,278,742	1,387,005	108,263	8.47%

WORKERS COMPENSATION FUND

This fund is used to account for expenditures associated with providing workers compensation coverage to employees.

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Internal Service Charges	1,139,616	781,612	781,612	-	0.00%
Miscellaneous	109,533	20,000	20,000	-	0.00%
Use of Fund Balance	-	-	-	-	0.00%
Total	1,249,149	801,612	801,612	-	0.00%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	-	-	-	-	0.00%
Operating	986,580	727,500	727,500	-	0.00%
Capital	-	-	-	-	0.00%
Contributions and Transfers	74,112	74,112	74,112	-	0.00%
Total	1,060,692	801,612	801,612	-	0.00%

GENERAL LIABILITY INSURANCE FUND

This fund is used to account for expenditures associated with providing general liability coverage to employees.

Revenue and Expenditure Summaries:

Revenues:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Internal Service Charges	1,183,853	1,260,253	1,460,253	200,000	15.87%
Miscellaneous	54,021	-	-	-	0.00%
Use of Fund Balance	-	-	-	-	0.00%
Total	1,237,874	1,260,253	1,460,253	200,000	15.87%

Expenditures:

	Actual FY 2020-21	Estimate FY 2021-22	Budget FY 2022-23	Change FY 2021-22 to FY 2022-23	% Change FY 2021-22 to FY 2022-23
Personnel Services	-	-	-	-	0.00%
Operating	1,114,158	1,222,400	1,422,400	200,000	16.36%
Capital	-	-	-	-	0.00%
Contributions and Transfers	82,853	37,853	37,853	-	0.00%
Total	1,197,011	1,260,253	1,460,253	200,000	15.87%

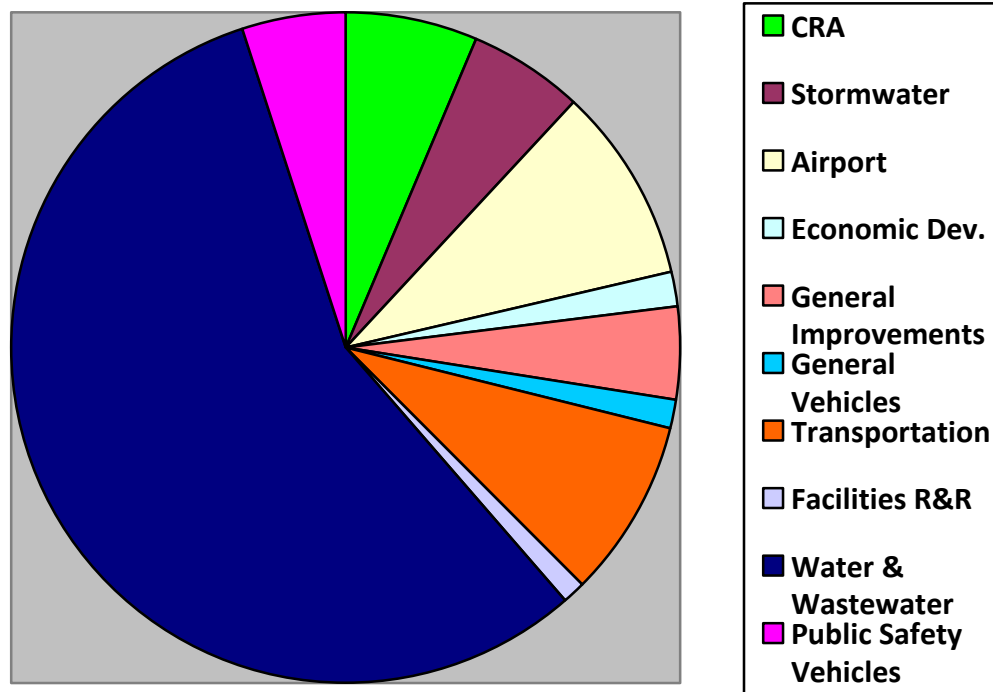
CAPITAL IMPROVEMENTS
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Overview

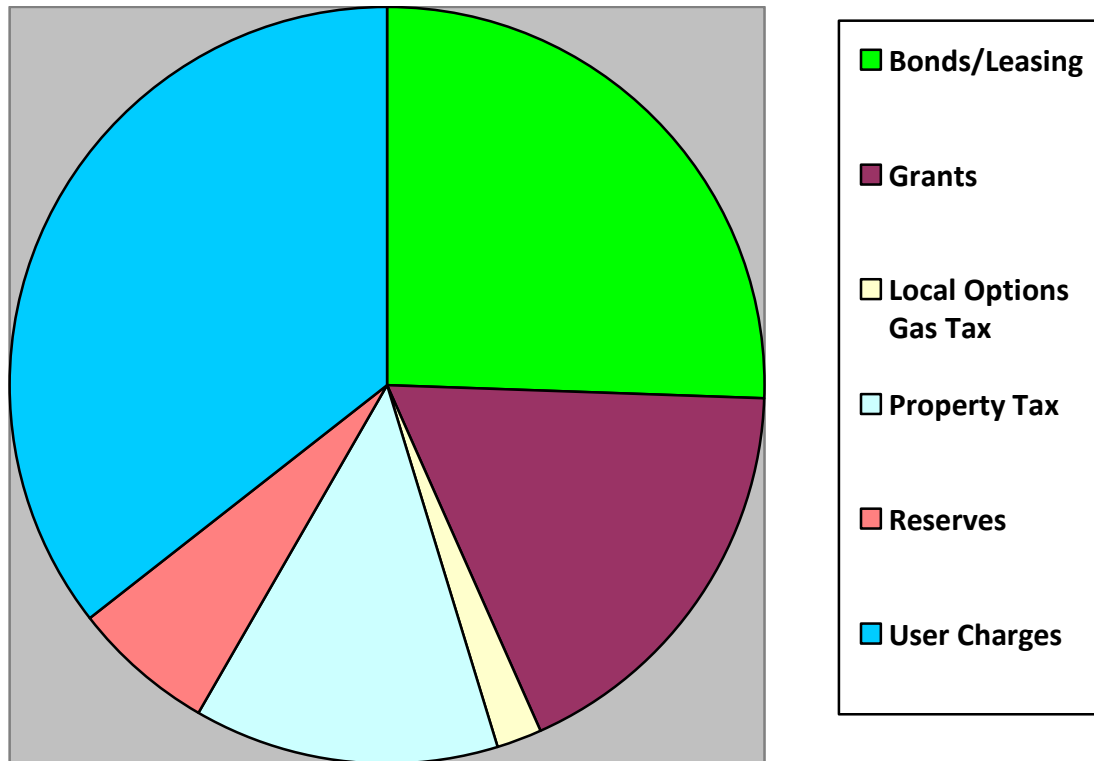
The City's Five-Year Capital Improvements Program represents a substantial effort to identify and schedule capital investments for a multi-year period complete with a project description and justification, as well as recommended financing for each project. The CIP reflects projects that have been identified as being essential to the organization.

Expenditures



Category	Total
Community Redevelopment	\$4,514,989
Stormwater	3,850,000
Airport	6,747,780
Economic Development	1,112,000
General Improvements	3,101,115
General Vehicles	1,099,000
Public Safety Vehicles	3,444,000
Transportation	6,028,220
Facilities Renewal and Replacement	695,000
Water & Wastewater	39,874,650
TOTAL	\$70,466,754

Funding



Category	Total
Bonds/Leasing	\$17,947,500
Grants/Donations	12,673,498
Local Options Gas Tax	1,250,000
Property Tax	9,280,370
Reserves	4,270,236
User Charges	25,045,150
TOTAL	\$70,466,754

FY 2022-23 CIP Projects

Fund 104-Community Redevelopment

Downtown improvements are funded through property tax revenue which is expendable only within the downtown area. For FY 2022-23 the primary focus is the addition of an Electric Vehicle Charging station (\$70,000) and East Granada Utility Undergrounding (\$60,000).

Fund 107-Stormwater Drainage Improvements

FY 2022-23 projects include the continuation of the Stormwater Piping Replacement project (\$500,000), Stormwater Construction (\$250,000) and Vehicle Replacements (\$100,000).

Fund 110-Economic Development Improvement

Business Park Drive Phase II (\$1,112,000) is planned contingency upon funding from FDOT.

Fund 301-General Improvement Fund

Projects included for FY 2022-23 are North Ridgewood Avenue Sidewalks funded by CDBG funds (\$151,165), replacement of the Police Department roof (\$345,000), and the Performing Arts Center Renovations (\$1,630,000).

Fund 302-General Vehicle and Equipment Replacement

The FY 2022-23 plan includes the replacement of five Public Works vehicles and one Leisure Service vehicle (\$299,000).

Fund 305-Public Safety Vehicle and Equipment Replacement

The FY 2022-23 plan includes the replacement of six Patrol Vehicles, two Special Unit vehicles and one motorcycle (\$435,000) and the replacement of the Brush Truck (\$175,000). The plan also includes one Patrol Vehicle (\$55,000) for a newly added position. *Equipment below the CIP threshold will be included as part of the annual operating budget.*

Fund 308-Transportation

Transportation projects include Neighborhood Traffic Calming (\$50,000), Railroad Crossings (\$100,000), Road Rehabilitation (\$750,000), Street Light and Traffic Signal Maintenance (\$109,400), Sidewalk Repairs & Replacements (\$302,500) and Opticom Equipment (\$60,000).

Fund 317-Facility Renewal and Replacement

For FY 2022-23, projects include Bailey Riverbridge Roof Replacement (\$45,000), Outdoor Fitness Station at Nova Community Center (\$97,000), Rental Pavilion Replacement at SONC (\$65,000) and Shell Parking Lot Refurbishment (\$51,000). *Projects below the CIP threshold will be included as part of the annual operating budget.*

Fund 408-Water & Wastewater Vehicle and Equipment Replacement

The FY 2022-23 plan includes the replacement of four vehicles plus two additional vehicles for two newly added positions. (\$368,000).

Fund 409-Water and Wastewater System Improvements

FY 2022-22 includes annual recurring projects (\$2,958,000 total) such City-wide Meter Replacement, General Facility and System Upgrades, Lift Station Rehabilitation, Meter Installation, PEP Tank Replacement, Sanitary Sewer Inflow Infiltration (\$300,000) and Water Storage Tank Repairs. Non-recurring projects (\$6,374,000) include Reclaimed Water Storage, Shadow Crossings Reuse Pump Facility, Water Reclamation Facility, WTP Filter Media Replacement and WTP Replacement of Lime Softening Filters.

Fund 434 & 435-Water & Wastewater Impact Fees

The FY 2022-23 plan includes design of the Airport Road Reclaim Water Main (\$150,000), Hudson Wellfield Expansion Design (\$300,000), WRF Ultraviolet Disinfection (\$2,700,000) and Septic to Sewer Conversion (\$1,600,000).

Board Recommendations

The Quality of Life Board will review projects in the areas of Beautification, Recreation and Cultural Improvements and Facilities Renewal and Replacement on June 2nd.

The Aviation Advisory Board reviewed Airport projects within the CIP on May 23rd and voted unanimously to recommend the projects as presented.

Ormond Main Street reviewed the CIP and accepted it as presented.

Operating Expenditures

During the capital improvement process, additional staffing requirements and ongoing operating expenses are identified for inclusion in the appropriate department's operating budget. No significant increases in operating revenue or expenditures are anticipated as a result of capital projects. Below is a matrix, by fund, detailing the additional annual operating expenditures anticipated if the identified capital projects were not funded.

Category	Total
Community Redevelopment	\$250,000
Stormwater	350,000
Airport	200,000
Economic Development	50,000
General Improvements	250,000
General Vehicles	0
Transportation	300,000
Facilities Renewal and Replacement	50,000
Water & Wastewater	500,000
Solid Waste	15,000

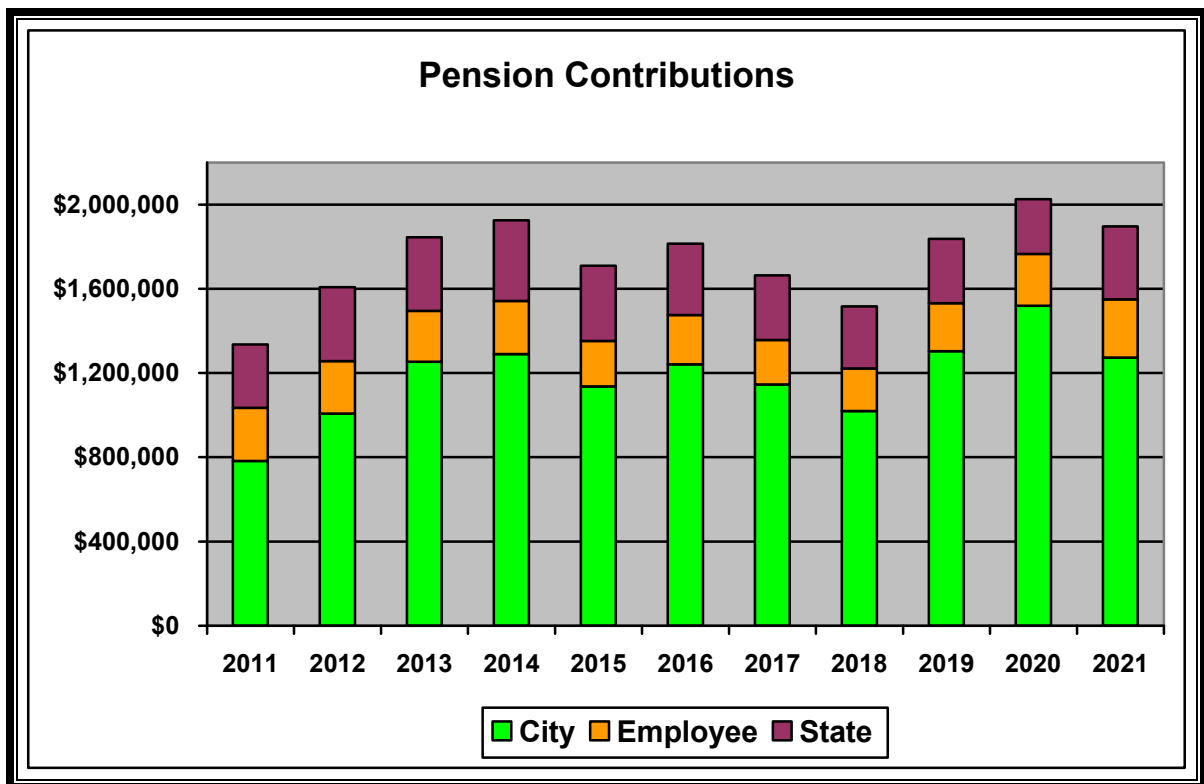
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**CITY OF ORMOND BEACH, FLORIDA
MUNICIPAL FIREFIGHTERS' RETIREMENT TRUST
REVENUES BY SOURCE
LAST TEN FISCAL YEARS
SEPTEMBER 30, 2021
(In Thousands)**

Revenues by Source

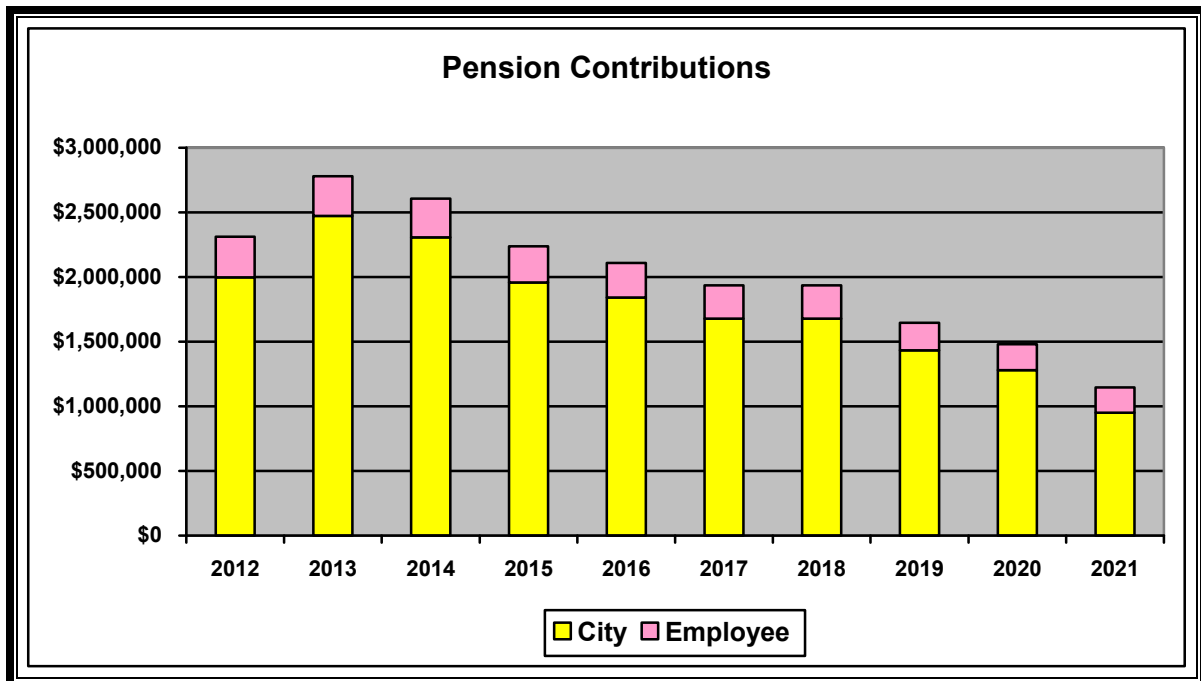
Fiscal Year Ended	Employee Contributions	Employer Contributions	State Contributions	Investment Income	Other	Total
2012	250	1,007	351	3,027	-	4,635
2013	241	1,254	349	2,505	-	4,349
2014	252	1,290	383	2,473	-	4,398
2015	216	1,136	358	(399)	-	1,311
2016	235	1,241	338	2,036	-	3,850
2017	212	1,145	306	3,046	-	4,709
2018	203	1,019	295	3,046	-	4,563
2019	228	1,303	306	921	-	2,758
2020	246	1,520	259	2,423	-	4,448
2021	277	1,273	346	6,283	-	8,179



**CITY OF ORMOND BEACH, FLORIDA
GENERAL EMPLOYEES PENSION
REVENUES BY SOURCE
LAST TEN FISCAL YEARS
SEPTEMBER 30, 2021
(In Thousands)**

Revenues by Source

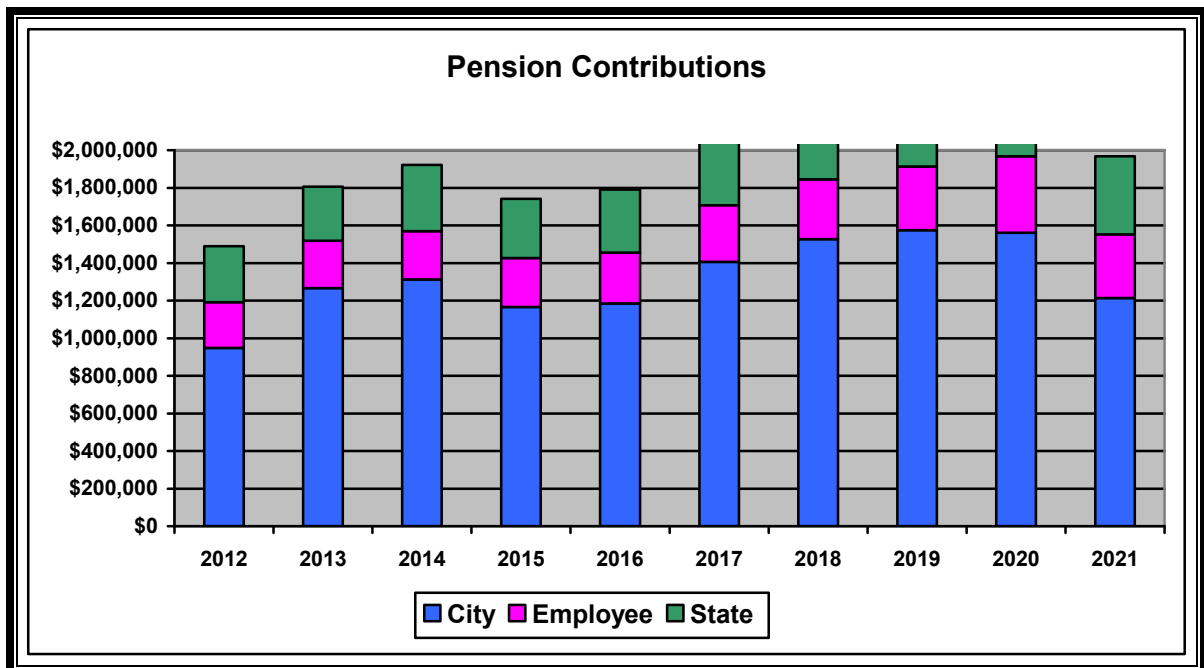
Fiscal Year Ended	Employee Contributions	Employer Contributions	Investment Income	Total
2012	313	1,998	5,430	7,741
2013	307	2,473	4,484	7,264
2014	298	2,308	4,408	7,014
2015	280	1,958	(584)	1,654
2016	268	1,842	3,480	5,590
2017	258	1,677	5,035	6,970
2018	258	1,677	5,035	6,970
2019	212	1,433	1,501	3,146
2020	201	1,280	3,775	5,256
2021	195	950	10,348	11,493



**CITY OF ORMOND BEACH, FLORIDA
MUNICIPAL POLICE OFFICERS' RETIREMENT TRUST
REVENUES BY SOURCE
LAST TEN FISCAL YEARS
SEPTEMBER 30, 2021
(In Thousands)**

Revenues by Source

Fiscal Year Ended	Employee Contributions	Employer Contributions	State Contributions	Investment Income	Total
2012	243	948	298	3,878	5,367
2013	251	1,267	288	3,080	4,886
2014	258	1,312	351	3,049	4,970
2015	260	1,166	315	(472)	1,269
2016	272	1,184	334	2,355	4,145
2017	302	1,406	343	5,432	7,483
2018	318	1,527	379	3,475	5,699
2019	338	1,575	407	978	3,298
2020	406	1,561	411	2,849	5,227
2021	340	1,213	415	7,218	9,186



**CITY OF ORMOND BEACH, FLORIDA
DEMOGRAPHIC AND ECONOMIC STATISTICS
LAST TEN FISCAL YEARS
SEPTEMBER 30, 2021**

Fiscal Year	Population⁽¹⁾	Personal Income (In thousands)	Per Capita Personal Income⁽²⁾	Median Age⁽³⁾	Unemployment Rate⁽⁵⁾
2012	38,376	1,284,637	33,475	45.8	7.40%
2013	38,557	1,336,424	34,661	46.1	5.50%
2014	39,455	1,376,980	34,900	46.3	5.00%
2015	40,013	1,447,230	36,169	46.6	5.00%
2016	40,366	1,541,860	38,197	46.6	5.20%
2017	40,722	1,591,660	39,086	47.0	3.70%
2018	42,816	1,427,314	33,336	51.0	3.20%
2019	43,475	1,503,322	34,579	51.5	3.20%
2020	43,759	1,523,645	34,819	50.8	5.90%
2021	44,043	1,533,533	34,819	50.2	4.30%

Sources: (1) Bureau of Economic and Business Research, University of Florida
Metropolitan Statistical Area
(3) Volusia County, Florida
(4) Bureau of Labor Statistics

Source: City of Ormond Beach Finance Department

CITY OF ORMOND BEACH, FLORIDA
 PRINCIPAL EMPLOYERS
 CURRENT YEAR AND TEN YEARS AGO
 SEPTEMBER 30, 2021

Fiscal Year 2021			Fiscal Year 2012		
Employer	Number of Employees	Percent of Total Employment	Employer	Number of Employees	Percent of Total Employment
Volusia County School Board	7,977	3.06	Board	7,929	3.13
Adventhealth System	6,448	2.47	Divisions	4,248	1.68
Halifax Community Health	4,000	1.53	Halifax Community Health	3,957	1.56
Publix Supermarkets, Inc.	3,795	1.45	Walmart	3,160	1.25
County of Volusia	3,305	1.27	County of Volusia	3,100	1.22
Walmart Associates, Inc.	3,248	1.24	Incorporated	2,486	0.98
State of Florida	2,743	1.05	State of Florida	2,361	0.93
Embry Riddle Aeronautical University	1,628	0.62	Daytona State College	1,797	0.71
Amazon	1,500	0.57	U.S Government	1,422	0.56
Daytona State College	1,383	0.53	Embry Riddle Aeronautical University	1,176	0.46
Total	36,027	13.79	Total	31,636	12.48
Estimated total workforce	261,059		Estimated total workforce	253,550	

Note: No statistics are kept on primary employers within the City of Ormond Beach, Florida

Sources: County of Volusia, Department of Economic Development (Latest Available Data)
 Labor Market Statistics, Florida Research and Economic Database

CITY OF ORMOND BEACH, FLORIDA
OPERATING INDICATORS BY FUNCTION/PROGRAM
LAST TEN FISCAL YEARS
SEPTEMBER 30, 2021

	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
Police										
Number of traffic citations issued	6,669	7,626	8,906	9,281	6,803	7,551	8,237	7,509	9,814	7,475
Number of offense reports	6,448	5,923	6,713	6,568	8,834	7,326	7,501	7,064	7,025	6,956
Number of calls for service	70,124	75,266	54,949	65,390	83,083	83,098	87,867	93,102	84,485	82,713
Fire										
Emergency fire responses	3,299	3,065	2,790	3,045	5,600	2,120	2,025	2,120	2,090	1,750
Emergency rescue responses (ALS/BLS)	4,435	4,119	4,411	4,796	6,800	5,300	5,424	5,227	4,577	4,872
Education classroom presentations	31	5	50	64	86	98	75	47	61	102
Education (not included in reporting entity)										
Kindergarten-Grade 5 students	2,995	2,980	2,940	2,892	2,931	2,899	2,899	2,857	2,857	2,836
Grades 6-8 students	1,265	1,260	1,054	1,006	1,048	1,022	1,022	1,108	1,108	1,100
Airport	-									
Fixed based operator	14	13	13	12	11	10	10	10	10	12
Flight School	3	3	3	2	2	5	2	3	2	3
Based aircraft	144	140	142	175	163	140	180	177	169	171
Total 12 hour, operations	105,143	112,677	100,877	100,173	116,165	109,000	108,689	118,929	124,769	130,770
Water treatment plants										
Jefferson Street Plant:										
Design capacity	12.00 MGD	12.00 MGD	12.00 MGD	12.00 MGD	12.00 MGD	12.00 MGD	12.00 MGD	12.00 MGD	12.00 MGD	12.00 MGD
Current production rate	5.54 MGD	5.93 MGD	5.93 MGD	5.93 MGD	5.93 MGD	5.93 MGD	5.73 MGD	5.29 MGD	5.27 MGD	5.38 MGD
Number of water utility connections	23,923	23,638	23,465	22,793	21,905	21,905	21,661	21,444	21,248	21,162
Solid waste system										
Number of solid waste disposal customers	17,617	17,214	17,501	17,284	17,066	16,868	16,672	16,457	16,333	16,262
Number of active participating recycling program (units)	16,834	16,704	16,667	17,017	16,302	16,105	17,321	17,126	16,998	16,905
Water pollution control plants										
Orchard Street Plant:										

GLOSSARY

Accounting Basis- Method used to determine when revenues and expenses (with associated assets and liabilities) are recognized in the accounts of a firm, and reported in its financial statements. In accrual basis accounting, for example, revenues are recognized when earned and expenses are recognized when incurred, whether or not any cash is received or paid. In cash basis accounting, however, revenues and expenses are recognized only when cash is received or paid, irrespective of the timing of actual sales or purchases.

Accrual- A basis of accounting in which revenues are recognized when they are measurable and earned and expenditures are recorded when incurred.

Appropriation- Authorization by the City Commission that allows expenditures to be made on behalf of the City against governmental resources.

Audit- An examination of internal controls and financial statements.

Balance Sheet- A statement which presents the financial position of an entity as of a specified date.

Budget- A financial plan or proposed revenues and expenditures for a specified period of time (usually one year).

Budgetary Accounting- Used by governments where a formal budget is adopted through an extensive approval process as an expression of public policy. The budget is a statement of financial intent indicating how the government plans to raise revenue and expend its resources.

Budget Calendar- The schedule of key dates or milestones, which the City follows in the preparation and adoption of the budgets.

Budget Deficit- A budget in which expenditures exceed the projected funds available.

CAFR- (comprehensive annual financial report) a standard accounting requirement followed by local and state governments to show how tax money is spent. The report serves several purposes which also help explain various aspects of government activity for taxpayers.

Capital Expenditures- Expenditures for items which exceed \$25,000 in value and have a useful life of 1 year or more.

Capital Projects- Have long range returns, useful life spans, are relatively expensive, and have physical presence such as buildings, roads, sewage systems, water systems, etc.

CIP- (capital improvement project) New or continued and approved capital projects for the maintenance or improvement of city assets.

Committed- Fund balance classification that can only be used for a specific purpose pursuant to constraints imposed by formal action of the government's highest level of decision making authority.

Debt Service- The City's obligation to pay principal and interest according to a predetermined schedule.

Debt Service Fund- The funds created to account for the accumulation of resources for, and the payment of, general long-term debt principal and interest.

Department- A major organizational unit that indicates management responsibility for a group of related operations.

DEP- (Florida Department of Environmental Protection) Florida agency devoted to environmental management and stewardship. Florida's environmental priorities include achieving regulatory certainty, consistency and protection, and achieving the highest water quality.

Depreciation- The periodic expiration of an asset's useful life. Depreciation is a requirement in proprietary-type funds, such as enterprise and internal service funds. It is not used in any other fund. Depreciation is a non-cash expense and while it is recorded in the annual financial statements, it is not budgeted.

Encumbrances- Commitments against an appropriation.

EPA- (Environmental Protection Agency) an independent federal agency, created in 1970, that sets and enforces rules and standards that protect the environment and control pollution.

Enterprise Fund- The funds established to account for operations that are financed and operated in a manner similar to private business enterprises, where the intent of the governing body is that the costs (expenses, including depreciation) of providing goods or services to the general public on a continuing basis be financed or recovered primarily through user charges.

Estimated Revenues- Projections of funds to be received during the fiscal year.

FAA- (Federal Aviation Administration) is a component of the U.S. Department of Transportation that sets standards for the air-worthiness of all civilian aircraft, inspects and licenses them and regulates civilian and military air traffic control centers.

FDOT- (Florida Department of Transportation) a decentralized agency charged with the establishment, maintenance, and regulation of public transportation in the state of Florida.

Franchise Fees- Fees levied on a corporation in return for granting privilege, sanctioning a monopoly, or permitting the use of public property, usually subject to regulation.

Fund Balance- The amount by which assets exceed liabilities.

GIS- (geographic information system) allows the city's users to produce maps from the existing GIS with integrated information from the data base of the primary mini-computer application.

Impact Fees- A connection's contribution toward its equitable share of the cost of capital improvements required to serve new customers.

Interfund Transfers- Amounts transferred from one fund to another.

Intergovernmental Revenues- Revenues received from another government.

Internal Service Funds- The funds established for the financing of goods or services provided by one department to other departments within the City on a cost reimbursement basis. Examples are the Data Processing Fund and the Insurance Fund.

LAN- (local area network) a computer network covering a small local area, such as a home or office.

Levy- Imposed taxes, special assessments, or service charges.

MGD- (million gallons per day) a measurement standard for city owned water treatment pumps.

Modified Accrual Method- Method under which revenues are recognized in the period they become available and measurable, and expenditures are recognized in the period the associated liability is incurred. Most government accounting follows this method.

NPDES- (national pollution discharge elimination system) a national program under Section 402 of the Clean Water Act for regulation of discharges of pollutants from point sources to waters of the United States. Discharges are illegal unless authorized by an NPDES permit.

OBPAC- (Ormond Beach Performing Arts Center) consists of an auditorium, rehearsal room, studio and music rooms for city sponsored groups, professional theater and musical productions.

Operating Expenditures- Ongoing expenditures that are not wages, benefits or capital in nature.

Ordinance- A formal legislative enactment by the governing board of a municipality.

Personal Property- Livestock, commercial equipment and furnishings, attachments to mobile homes, railroad cars, and similar possessions that are taxable under State law.

Real Property- Land and the buildings and other structures attached to it that are taxable under state law.

Reserved- Indicates that a portion of fund balance is restricted for a specific purpose.

Roll back tax rate- The tax rate that generates the same amount of revenue as the prior year exclusive of gains from new construction.

SOH- (save our homes) an amendment to the Florida Constitution that mandates that the assessed value of your Homestead property can increase by no more than 3% above last year's assessed value (or the consumer price index, whichever is less).

Special Revenue Fund- Account for the proceeds of specific revenue sources that are legally restricted to expenditures for specified purposes.

State Revenue Sharing- Allocations to municipalities from a trust fund primarily supported by State cigarette and motor fuel taxes.

Taxable Value- Assessed value of property minus any exceptions, which may be applicable.

Tax Base- The total property valuations on which each taxing agency levies its tax rates.

Tentative Millage- The tax rate adopted at the first public hearing of a taxing agency. Under State law, the agency may reduce, but not increase, the tentative millage during the second budget hearing.

Truth in Millage- State law establishing mandatory procedures, including advertising requirements and the holding of public hearings, for adoption of budgets and tax rates.

Unassigned- Fund balance classification that has not been assigned to other fund balance classifications.

Utility Tax- Municipal charges levied by the City in each and every purchase of a public service within the corporate limits of the City. Public service is electricity, gas, fuel oil, water, and telephone service.

WAN- (wide area network) a large, integrated computer network with multiple access points and users. An example would be the World Wide Web.

Cost Allocation Plan FY 2022-23

Allocation of General Fund Costs to Other Funds through interfund transfer

						General Fund Police Department Budget Allocated based on estimated cost to secure assets 0.5%	General Fund Fire Department Budget Allocated based on estimated time spent on flow testing & hydrant maintenance 2.0%	General Fund Planning Department Budget Allocated based on estimated cost of development review plus Avolve 15.0%	Total General Fund Costs Allocated to Other Funds				
General Fund Administration Budget (Commission, City Manager, Legal, Support Services) Allocation based on % of agenda items		General Fund Finance and Human Resources Budget Allocation based on # of employees		General Fund Information Technology Munis/Energov									
Amount to be allocatec		\$	2,464,221	\$	1,587,011	\$	1,515,518	\$	11,141,759	\$	6,731,586	\$	796,727
Allocation of costs to:													
Stormwater	4.0%	98,569	2.2%	35,267	0.0%	-	NA	NA	NA	NA	133,836	Stormwater	
Airport	0.5%	12,321	0.3%	4,408	0.0%	-	NA	NA	NA	NA	16,729	Airport	
General Capital Improvements	1.0%	24,642	0.0%	-	0.0%	-	NA	NA	NA	NA	24,642	General Capital Improvements	
Transportation	8.0%	197,138	0.0%	-	0.0%	-	NA	NA	NA	NA	197,138	Transportation	
Water/Wastewater Operating	15.0%	369,633	17.8%	282,135	35.0%	530,431	55,709	134,632	119,509	1,492,049	Water/Wastewater Operating		
Solid Waste	1.0%	24,642	0.6%	8,817	0.6%	8,420	NA	NA	NA	33,459	Solid Waste		

Allocation of Engineering Costs to Other Funds through department charge

	General Fund Engineering Budget Allocation based on average CIP budget	
Amount to be allocated	\$	1,201,983
Planning	2.00%	24,040
Streets	2.00%	24,040
Parks	2.00%	24,040
Building	2.00%	24,040
Leisure Services	2.00%	24,040
Airport	1.00%	12,020
		132,218
Allocation of costs to:		
Downtown Redevelopment	1.07%	11,461
Stormwater	7.01%	74,939
Transportation	11.31%	120,951
Water/Wastewater R&R	80.62%	862,414
Solid Waste	0.00%	-
		1,069,765
12,133,900		1,201,983

Allocation of Water/Wastewater Utility Billing Costs to Other Funds through interfund transfer

	Water/Wastewater Utility Billing Costs (Excluding Meter Reading Costs) Allocation based on Fund Revenues to Total Revenue	
Amount to be allocated	\$	1,154,086
Allocation of costs to:		
Stormwater	7.61%	87,805
Solid Waste	29.29%	338,083
Cost Allocation for Utility Billing Services		
Budget 40151302		2,467,103.00
Less: Professional Services		-945108
Less: Meter Reading Personnel Costs		(319,745.00)
Less: Vehicle Costs		(37,964.00)
Less: Equipment Repairs		(8,700.00)
Less: Uniforms/Clothing		(1,500.00)
Total to Allocate		1,154,086.00
Stormwater Revenue	2,525,500.00	7.61%
Solid Waste Revenue	9,724,200.00	29.29%
Water/WW Revenue	20,945,000.00	63.10%
	33,194,700.00	
Transfer from Stormwater to Water/Wastewater	87,804.50	
Transfer from Solid Waste to Water/Wastewater	338,082.98	

Investment Policy City of Ormond Beach, Florida

**Approved By City Council
April 16, 2013**

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ATTACHMENT A: Glossary of Cash and Investment Management Terms

ATTACHMENT B: Investment Pool/Fund Questionnaire

Investment Policy of the City of Ormond Beach, Florida

I. PURPOSE

The purpose of this Investment Policy (hereinafter “Policy”) is to set forth the investment objectives and parameters for the management of the funds of the City of Ormond Beach, Florida, (hereinafter the “City”). This Policy is designed to ensure the prudent management of public funds, the availability of operating and capital funds when needed, and an investment return competitive with comparable funds and financial market indices.

II. SCOPE

In accordance with Section 218.415, Florida Statutes, this Policy applies to all cash and investments held or controlled by the City and shall be identified as “general operating funds” of the City with the exception of the City’s Pension Funds and funds related to the issuance of debt where there are other existing policies or indentures in effect for such funds. Additionally, any future revenues, which have statutory investment requirements conflicting with this Policy and funds held by state agencies (e.g., Department of Revenue), are not subject to the provisions of this Policy.

III. INVESTMENT OBJECTIVES

Safety of Principal

The foremost objective of this investment program is the safety of the principal of those funds within the portfolios. Investment transactions shall seek to keep capital losses at a minimum, whether they are from securities defaults or erosion of market value. To attain this objective, diversification is required in order that potential losses on individual securities do not exceed the income generated from the remainder of the portfolio.

Maintenance of Liquidity

The portfolios shall be managed in such a manner that funds are available to meet reasonably anticipated cash flow requirements in an orderly manner. Periodical cash flow analyses will be completed in order to ensure that the portfolios are positioned to provide sufficient liquidity.

Return on Investment

The portfolio shall be designed with the objective of attaining a market rate of return throughout budgetary and economic cycles, taking into account the investment risk constraints and liquidity needs. Return on investment is of least importance compared to the safety and liquidity objectives described above. However, return is attempted through active management where the adviser utilizes a total return strategy (which includes both realized and unrealized gains and losses in the portfolio). This total return strategy seeks to increase the value of the portfolio through reinvestment of income and capital gains. The

core of investments is limited to relatively low risk securities in anticipation of earning a fair return relative to the risk being assumed. Despite this, an Investment Manager(s) may trade to recognize a loss from time to time to achieve a perceived relative value based on its potential to enhance the total return of the portfolio.

IV. DELEGATION OF AUTHORITY

In accordance with the City's Charter, the responsibility for providing oversight and direction in regard to the management of the investment program resides with the City's Manager. Responsibility for the administration of the investment program is hereby delegated by the City Manager to the Finance Director, who shall maintain an Investment Procedures and Internal Controls Manual based on this Policy. The Finance Director shall be responsible for monitoring internal controls, administrative controls and to regulate the activities of the City's staff involved with the investment program. The City may employ an Investment Advisor(s) to assist in managing some of the City's portfolios. Such Investment Advisor(s) must be registered under the Investment Advisors Act of 1940.

V. STANDARDS OF PRUDENCE

The standard of prudence to be used by investment officials shall be the "Prudent Person" standard and shall be applied in the context of managing the overall investment program. Investment officers acting in accordance with written procedures and this investment Policy and exercising due diligence shall be relieved of personal responsibility for an individual security's credit risk or market price changes, provided deviations from expectation are reported to the City Council in a timely fashion and the liquidity and the sale of securities are carried out in accordance with the terms of this Policy. The "Prudent Person" rule states the following:

Investments shall be made with judgment and care, under circumstances then prevailing, which persons of prudence, discretion and intelligence exercise in the management of their own affairs, not for speculation, but for investment, considering the probable safety of their capital as well as the probable income to be derived from the investment.

While the standard of prudence to be used by investment officials who are officers or employees is the "Prudent Person" standard, any person or firm hired or retained to invest, monitor, or advise concerning these assets shall be held to the higher standard of "Prudent Expert". The standard shall be that in investing and reinvesting moneys and in acquiring, retaining, managing, and disposing of investments of these funds, the contractor shall exercise: the judgment, care, skill, prudence, and diligence under the circumstances then prevailing, which persons of prudence, discretion, and intelligence, acting in a like capacity and familiar with such matters would use in the conduct of an enterprise of like character and with like aims by diversifying the investments of the funds, so as to minimize the risk, considering the probable income as well as the probable safety of their capital.

VI. ETHICS AND CONFLICTS OF INTEREST

Employees involved in the investment process shall refrain from personal business activity that could conflict with proper execution of the investment program, or which could impair their ability to make impartial investment decisions. Also, employees involved in the investment process shall disclose to the City Manager any material financial interests in financial institutions that conduct business with the City,

and they shall further disclose any material personal financial/investment positions that could be related to the performance of the City's investment program.

VII. INTERNAL CONTROLS AND INVESTMENT PROCEDURES

The Finance Director shall establish a system of internal controls and operational procedures that are in writing and made a part of the City's operational procedures. The internal controls should be designed to prevent losses of funds, which might arise from fraud, employee error, and misrepresentation by third parties, or imprudent actions by employees. The written procedures should include reference to safekeeping, repurchase agreements, separation of transaction authority from accounting and record keeping, wire transfer agreements, banking service contracts, collateral/depository agreements, and "delivery vs. payment" procedures. No person may engage in an investment transaction except as authorized under the terms of this Policy. These procedures are intended to reduce the relatively low risk that material losses may occur and not be detected within a timely period by employees in the normal course of performing their assigned functions.

Independent auditors as a normal part of the annual financial audit to the City shall conduct a review of the system of internal controls to ensure compliance with policies and procedures.

VIII. CONTINUING EDUCATION

The Finance Director, management designee and/or appropriate staff shall annually complete 8 hours of continuing education in subjects or courses of study related to investment practices and products.

IX. AUTHORIZED INVESTMENT INSTITUTIONS AND DEALERS

Authorized City staff and Investment Advisor(s) shall only purchase securities from financial institutions, which are Qualified Institutions by the City or institutions designated as "Primary Securities Dealers" by the Federal Reserve Bank of New York. Authorized City staff and Investment Advisor(s) shall only enter into repurchase agreements with financial institutions that are Qualified Institutions and Primary Securities Dealers as designated by the Federal Reserve Bank of New York.

The City's Investment Advisor(s) shall utilize and maintain its own list of approved primary and non-primary securities dealers.

The Finance Director and/or the management designee shall maintain a list of financial institutions and broker/dealers that are approved for investment purposes and only firms meeting the following requirements will be eligible to serve as Qualified Institutions:

- 1) regional dealers that qualify under Securities and Exchange Commission Rule 15C3-1 (uniform net capital rule);
- 2) Capital of no less than \$10,000,000;
- 3) registered as a dealer under the Securities Exchange Act of 1934;
- 4) member of the National Association of Dealers (NASD);
- 5) registered to sell securities in Florida; and
- 6) the firm and assigned broker have been engaged in the business of effecting transactions in U.S. government and agency obligations for at least five (5) consecutive years.

All brokers, dealers and other financial institutions deemed to be Qualified Institutions shall be provided with current copies of the City's Investment Policy. A current audited financial statement is required to be on file for each financial institution and broker/dealer with which the City transacts business.

X. MATURITY AND LIQUIDITY REQUIREMENTS

To the extent possible, an attempt will be made to match investment maturities with known cash needs and anticipated cash flow requirements. .

Investments shall have a term appropriate to the need for funds and in accordance with debt covenants, but in no event shall exceed five (5) years.

XI. COMPETITIVE SELECTION OF INVESTMENT INSTRUMENTS

After the Finance Director or management designee and the Investment Advisor(s) has determined the approximate maturity date based on cash flow needs and market conditions and has analyzed and selected one or more optimal types of investments, a minimum of three (3) Qualified Institutions and/or Primary Dealers must be contacted and asked to provide bids/offers on securities in questions. Bids will be held in confidence until the bid deemed to best meet the investment objectives is determined and selected.

However, if obtaining bids/offers are not feasible and appropriate, securities may be purchased utilizing the comparison to current market price method on an exception basis. Acceptable current market price providers include, but are not limited to:

- A. Telerate Information System
- B. Bloomberg Information Systems
- C. Wall Street Journal or a comparable nationally recognized financial publication providing daily market pricing
- D. Daily market pricing provided by the City's custodian or their correspondent institutions

The Finance Director and the Investment Advisor(s) shall utilize the competitive bid process to select the securities to be purchased or sold. Selection by comparison to a current market price, as indicated above, shall only be utilized when, in judgment of the Finance Director and the Investment Advisor(s), competitive bidding would inhibit the selection process.

Examples of when this method may be used include:

- A. When time constraints due to unusual circumstances preclude the use of the competitive bidding process
- B. When no active market exists for the issue being traded due to the age or depth of the issue
- C. When a security is unique to a single dealer, for example, a private placement
- D. When the transaction involves new issues or issues in the "when issued" market

Overnight sweep investments or repurchase agreements will not be bid, but may be placed with the City's depository bank relating to the demand account for which the sweep investments or repurchase agreement was purchased.

XII. AUTHORIZED INVESTMENTS AND PORTFOLIO COMPOSITION

Investments should be made subject to the cash flow needs and such cash flows are subject to revisions as market conditions and the City's needs change. However, when the invested funds are needed in whole or in part for the purpose originally intended or for more optimal investments, the Finance Director or management designee may direct the Investment Advisor(s) to sell the investment at the then-prevailing market price and place the proceeds into the proper account at the City's custodian.

The following are the investment requirements and allocation limits on security types, issuers, and maturities as established by the City. The Finance Director or management designee shall have the option to further restrict investment percentages from time to time based on market conditions, risk and diversification investment strategies. The percentage allocations requirements for investment types and issuers are calculated based on the original cost of each investment. Investments not listed in this Policy are prohibited.

In the event of a ratings downgrade of a security, the Investment Advisor(s) shall notify the Finance Director within five business days of such a decline in the required rating. The Investment Advisor(s) and the Finance Director will review the individual facts and circumstances of the situation and determine an appropriate course of action.

The allocation limits and security types do not apply to the investment of debt proceeds. These investments shall be governed by the debt covenant included in the debt instrument.

Security Type	Minimum Rating Requirement	Maturity Limits	Maximum Allocation Limit	Maximum Issuer Limit
United States Government Securities	N/A	5 Years	100%	N/A
United States Government Agencies (full faith and credit of the United States Government)	N/A	5 Years	50%	25%
Federal Instrumentalities (United States Government Sponsored Enterprises (“GSE”) which are non-full faith and credit).*	N/A	5 Years	80%	40%
Mortgage-Backed Securities (MBS) *	N/A	5 Years	20%	15%
Non-Negotiable Interest Bearing Time Certificates of Deposit	N/A	1 Years	50%	25%
Repurchase Agreements	N/A	60 Days	50%	25%
Commercial Paper	P-1/A-1	270 Days	25%	15%
Corporate Notes	single “A” category by any two NRSROs	5 Years	25%	5%
Bankers’ Acceptances	P-1/A-1	180 Days	35%	20%
State and/or Local Government Taxable and/or Tax-Exempt Debt	Single “A” category by two NRSROs	5 Years	20%	20%
Registered Investment Companies (Money Market Mutual Funds)	AAAm	N/A	50%	25%
Intergovernmental Investment Pool	AAA	N/A	25%	N/A
Florida PRIME	AAAm	N/A	25%	N/A

*The combined total of available funds invested in Federal Instrumentalities and Mortgage- Backed Securities cannot be more than 80%.

A. United States Government Securities

1. Purchase Authorization

Authorized Staff may invest in negotiable direct obligations, or obligations the principal and interest of which are unconditionally guaranteed by the United States Government. Such securities will include, but not be limited to the following:

Cash Management Bills
Treasury Securities – State and Local Government Series (SLGS)
Treasury Bills
Treasury Notes
Treasury Bonds
Treasury Strips

2. Portfolio Composition

A maximum of 100% of available funds may be invested in the United States Government Securities.

3. Maturity Limitations

The length to maturity of any direct investment in the United States Government Securities is five (5) years from the date of purchase.

B. United States Government Agencies (full faith and credit of the United States Government)

1. Purchase Authorization

Authorized Staff may invest in bonds, debentures or notes issued or guaranteed by the United States Government agencies, provided such obligations are backed by the full faith and credit of the United States Government. Such securities will include, but not be limited to the following:

- Government National Mortgage Association (GNMA)
- United States Export – Import Bank
 - Direct obligations or fully guaranteed certificates of beneficial ownership
- Farmer Home Administration
 - Certificates of beneficial ownership
- Federal Financing Bank
 - Discount notes, notes and bonds
- Federal Housing Administration Debentures
- General Services Administration
- New Communities Debentures
 - United States Government guaranteed debentures
- United States Public Housing Notes and Bonds
 - United States Government guaranteed public housing notes and bonds
- United States Department of Housing and Urban Development
 - Project notes and local authority bonds

2. Portfolio Composition

A maximum of 50% of available funds may be invested in United States Government agencies.

3. Limits on Individual Issuers

A maximum of 25% of available funds may be invested in individual United States Government agencies.

4. Maturity Limitations

The length to maturity for an investment in any United States Government agency security is five (5) years from the date of purchase.

C. Federal Instrumentalities (United States Government Sponsored Enterprises (“GSE”) which are non-full faith and credit).

1. Purchase Authorization

Authorized Staff may invest in bonds, debentures or notes issued or guaranteed by United States Government Sponsored Enterprises (Federal Instrumentalities which are non-full faith and credit agencies) limited to the following:

Federal Farm Credit Bank (FFCB)
 Federal Home Loan Bank or its District banks (FHLB)
 Federal National Mortgage Association (FNMA)
 Federal Home Loan Mortgage Corporation (Freddie-Macs) including Federal Home Loan Mortgage Corporation participation certificates

2. Portfolio Composition

A maximum of 80% of available funds may be invested in Federal Instrumentalities. The combined total of available funds invested in Federal Instrumentalities and Mortgage-Backed Securities cannot be more than 80%.

3. Limits on Individual Issuers

A maximum of 40% of available funds may be invested in any one issuer.

4. Maturity Limitations

The length to maturity for an investment in any Federal Instrumentality is five (5) years from the date of purchase.

D. Mortgage-Backed Securities (MBS)

1. Purchase Authorization

Authorized Staff may invest in mortgage-backed securities (MBS) which are based on mortgages that are guaranteed by a government agency or GSE for payment of principal and a guarantee of timely payment.

2. Portfolio Composition

A maximum of 20% of available funds may be invested in MBS. The combined total of available funds invested in Federal Instrumentalities and Mortgage Backed Securities cannot be more than 80%.

3. Limits of Individual Issuers

A maximum of 15% of available funds may be invested with any one issuer.

4. Maturity Limitations

A maximum length to maturity for an investment in any MBS is five (5) years from the date of purchase.

The maturity of mortgage securities shall be considered the date corresponding to its average life. This date reflects the point at which an investor will have received back half of the original principal (face) amount. The average life may be different from the stated legal maturity included in a security's description.

E. Non-Negotiable Interest Bearing Time Certificates of Deposit

1. Purchase Authorization

Authorized Staff may invest in non-negotiable interest bearing time certificates of deposit or savings accounts in banks organized under the laws of this state and/or in national banks organized under the laws of the United States and doing business and situated in this state, provided that any such deposits are secured by the Florida Security for Public Deposits Act, Chapter 280, Florida Statutes.

2. Portfolio Composition

A maximum of 50% of available funds may be invested in non-negotiable interest bearing time certificates of deposit or savings accounts.

3. Limits on Individual Issuers

A maximum of 25% of available funds may be deposited with any one issuer.

4. Maturity Limitations

The maximum maturity on any certificate shall be no greater than one (1) year from the date of purchase.

F. Repurchase Agreements

1. Purchase Authorization

a. Authorized Staff may invest in repurchase agreements comprised of only those investments based on the requirements set forth by the City's Master Repurchase Agreement. All firms with whom the City enters into repurchase agreements will have in place an executed Master Repurchase Agreement with the City.

b. A third party custodian shall hold collateral for all repurchase agreements with a term longer than one (1) business day.

c. Securities authorized for collateral are negotiable direct obligations of the United States Government and Federal Instrumentalities with maturities under five (5) years and must have a mark-to-market value at a minimum of 102 percent during the term of the repurchase agreement.

Immaterial short-term deviations from 102 percent requirement are permissible only upon the approval of the Authorized Staff.

2. Portfolio Composition

A maximum of 50% of available funds may be invested in repurchase agreements with the exception of one (1) business day agreements and overnight sweep agreements.

3. Limits on Individual Issuers

A maximum of 25% of available funds may be invested with any one institution with the exception of one (1) business day agreements and overnight sweep agreements.

4. Maturity Limitations

The maximum length to maturity of any repurchase agreement is 60 days from the date of purchase.

G. Commercial Paper

1. Purchase Authorization

Authorized Staff may invest in commercial paper of any United States company that is rated, at the time of purchase, "Prime-1" by Moody's and "A-1" by Standard & Poor's (prime commercial paper). If backed by a letter of credit (LOC), the long-term debt of the LOC provider must be rated at least single "A" category by any two Nationally Recognized Statistical Rating Organizations ("NRSROs").

2. Portfolio Composition

A maximum of 25% of available funds may be directly invested in prime commercial paper.

3. Limits on Individual Issuers

A maximum of 15% of available funds may be invested with any one issuer.

4. Maturity Limitations

The maximum length to maturity for prime commercial paper shall be 270 days from the date of purchase.

H. Corporate Notes

1. Purchase Authorization

Authorized Staff may invest in corporate notes issued by corporations organized and operating within the United States or by depository institutions licensed by the United States that have a long term debt rating, at the time of purchase, at a minimum single “A” category by any two NRSROs.

2. Portfolio Composition

A maximum of 25% of available funds may be directly invested in corporate notes.

3. Limits on Individual Issuers

A maximum of 5% of available funds may be invested with any one issuer.

4. Maturity Limitations

The maximum length to maturity for corporate notes shall be five (5) years from the date of purchase.

I. Bankers’ Acceptances

1. Purchase Authorization

Authorized Staff may invest in bankers’ acceptances which are issued by a domestic bank which has at the time of purchase, an unsecured, uninsured and unguaranteed obligation rating of at least “Prime-1” by Moody’s or “A-1” by Standard & Poor’s.

2. Portfolio Composition

A maximum of 35% of available funds may be directly invested in bankers’ acceptances.

3. Limits on Individual Issuers

A maximum of 20% of available funds may be invested with any one issuer.

4. Maturity Limitations

The maximum length to maturity for bankers’ acceptances shall be 180 days from the date of purchase.

J. State and/or Local Government Taxable and/or Tax-Exempt Debt

1. Purchase Authorization

Authorized Staff may invest in state and/or local government taxable and/or tax-exempt debt, general obligation and/or revenue bonds, rated at the time of purchases, at a minimum single “A” category by any two NRSROs, or rated at least “MIG-2” by Moody’s or “SP-2” by Standard & Poor’s for short-term debt.

2. Portfolio Composition

A maximum of 20% of available funds may be invested in taxable and tax-exempt debts.

3. Limits on Individual Issuers

A maximum of 20% of available funds may be invested with any one issuer.

4. Maturity Limitations

A maximum length to maturity for an investment in any state or local government debt security is five (5) years from the date of purchase.

K. Registered Investment Companies (Money Market Mutual Funds)

1. Purchase Authorization

Authorized Staff may invest in shares in open-end and no-load money market funds provided such funds are registered under the Federal Investment Company Act of 1940 and operate in accordance with 17 C.F.R. § 270.2a-7, which stipulates that money market funds must have an average weighted maturity of 60 days or less. In addition, the share value of the money market funds must be equal to \$1.00.

2. Portfolio Composition

A maximum of 50% of available funds may be invested in money market funds.

3. Limits of Individual Issuers

A maximum of 25% of available funds may be invested with any one money market fund.

4. Rating Requirements

The money market funds shall be rated “AAAm” by Standard & Poor’s or the equivalent by another NRSRO.

5. Due Diligence Requirements

A thorough review of any money market fund is required prior to investing, and on a continual basis. There shall be a questionnaire developed by the Finance Director that will contain a list of questions that covers the major aspects of any investment pool/fund.

L. Intergovernmental Investment Pool

1. Purchase Authorization

Authorized Staff may invest in intergovernmental investment pools that are authorized pursuant to the Florida Interlocal Cooperation Act, as provided in s. 163.01, F.S.

2. Portfolio Composition

A maximum of 25% of available funds may be invested in intergovernmental investment pools.

3. Rating Requirements

The Intergovernmental Investment Pool shall be rated “AAA” by Standard & Poor’s or the equivalent by another NRSRO.

4. Due Diligence Requirements

A thorough review of any investment pool/fund is required prior to investing, and on a continual basis. There shall be a questionnaire developed by the Finance Director that will contain a list of questions that covers the major aspects of any investment pool.

M. The Florida PRIME

1. Purchase Authorization

Authorized Staff may invest in the Florida PRIME.

2. Portfolio Composition

A maximum of 25% of available funds may be invested in the Florida PRIME.

3. Rating Requirements

The Florida PRIME shall be rated “AAAm” by Standard & Poor’s or the equivalent by another NRSRO.

4. Due Diligence Requirements

A thorough review of the Florida PRIME is required prior to investing, and on a continual basis. There shall be a questionnaire developed by the Finance Director that will contain a list of questions that covers the major aspects of any investment pool/fund.

XIII. DERIVATIVES AND REVERSE REPURCHASE AGREEMENTS

Investment in any derivative products or the use of reverse repurchase agreements requires specific City Council approval prior to their use. If the City Council approves the use of derivative products, the Finance Director or management designee shall develop sufficient understanding of the derivative products and have the expertise to manage them. A “derivative” is defined as a financial instrument the value of which depends on, or is derived from, the value of one or more underlying assets or indices or asset values. If the City Council approves the use of reverse repurchase agreements or other forms of leverage, the investment shall be limited to transactions in which the proceeds are intended to provide liquidity and for which the Finance Director or management designee has sufficient resources and expertise to manage them.

XIV. PERFORMANCE MEASUREMENTS

In order to assist in the evaluation of the portfolios' performance, the City will use performance benchmarks for short-term and long-term portfolios. The use of benchmarks will allow the City to measure its returns against other investors in the same markets.

- A. Investment performance of funds designated as short-term funds and other funds that must maintain a high degree of liquidity will be compared to the return on the S&P Rated GIP Index Government 30 Day Yield. Investments of current operating funds shall have maturities of no longer than twenty-four (24) months.
- B. Investment performance of funds designated as core funds and other non-operating funds that have a longer-term investment horizon will be compared to the Merrill Lynch 1-3 Year U.S. Treasury Note Index and the portfolio's total rate of return will be compared to this benchmark. The appropriate index will have a duration and asset mix that approximates the portfolios and will be utilized as a benchmark to be compared to the portfolios' total rate of return. Investments of bond reserves, construction funds, and other non-operating funds ("core funds") shall have a term appropriate to the need for funds and in accordance with debt covenants, but in no event shall exceed five (5) years.

XV. REPORTING

The Finance Director, management designee and/or Investment Advisor(s) shall provide the City Manager with a "Quarterly Investment Report" that summarizes but not limited to the following:

- A. Recent market conditions, economic developments and anticipated investment conditions.
- B. The investment strategies employed in the most recent quarter.
- C. A description of all securities held in investment portfolios at month-end.
- D. The total rate of return for the quarter and year-to-date versus appropriate benchmarks.
- E. Any areas of the Policy concern warranting possible revisions to current or planned investment strategies. The market values presented in these reports will be consistent with accounting guidelines in GASB Statement 31.

On an annual basis, the City Manager designee shall submit to the City Council a written report on all invested funds. The annual report shall provide all, but not limited to, the following: a complete list of all invested funds, name or type of security in which the funds are invested, the amount invested, the maturity date, earned income, the book value, the market value, the yield on each investment.

The annual report will show performance on both a book value and total rate of return basis and will compare the results to the above-stated performance benchmarks. All investments shall be reported at fair value per GASB Statement 31. Investment reports shall be available to the public.

XVI. THIRD-PARTY CUSTODIAL AGREEMENTS

Securities, with the exception of certificates of deposits, shall be held with a third party custodian; and all securities purchase by, and all collateral obtained by the City should be properly designated as an asset of the City. The securities must be held in an account separate and apart from the assets of the financial institution. A third party custodian is defined as any bank depository chartered by the Federal Government, the State of Florida, or any other state or territory of the United States which has a branch or principal place of business in the State of Florida, or by a national association organized and existing under the laws of the United States which is authorized to accept and execute trusts and which is doing business in the State of Florida. Certificates of deposits will be placed in the provider's safekeeping department for the term of the deposit.

The custodian shall accept transaction instructions only from those persons who have been duly authorized by the City Manager and which authorization has been provided, in writing, to the custodian. No withdrawal of securities, in whole or in part, shall be made from safekeeping, shall be permitted unless by such a duly authorized person.

The custodian shall provide the Finance Director or management designee with safekeeping statements that provide detail information on the securities held by the custodian. On a monthly basis, the custodian will also provide reports that list all securities held for the City, the book value of holdings and the market value as of month-end.

Security transactions between a broker/dealer and the custodian involving the purchase or sale of securities by transfer of money or securities must be made on a "delivery vs. payment" basis, if applicable, to ensure that the custodian will have the security or money, as appropriate, in hand at the conclusion of the transaction. Securities held as collateral shall be held free and clear of any liens.

XVII. INVESTMENT POLICY ADOPTION

The Investment Policy shall be adopted by City resolution. The Finance Director and Accounting Manager shall review the Policy annually and submit recommendations to the City Manager for review and approval. If a change in the Policy is recommended for approval by the City Manager, the Finance Director will prepare the necessary report to Council.

APPROVED AND ADOPTED BY THE CITY COUNCIL ON April 16, 2013.

RESOLUTION NUMBER

Name: _____

Title: _____

Attachment A

Glossary of Cash and Investment Management Terms

Accrued Interest. Interest earned but which has not yet been paid or received.

Agency. See "Federal Agency Securities."

Ask Price. Price at which a broker/dealer offers to sell a security to an investor. Also known as "offered price."

Asset Backed Securities (ABS). A fixed-income security backed by notes or receivables against assets other than real estate. Generally issued by special purpose companies that "own" the assets and issue the ABS. Examples include securities backed by auto loans, credit card receivables, home equity loans, manufactured housing loans, farm equipment loans and aircraft leases.

Average Life. The average length of time that an issue of serial bonds and/or term bonds with a mandatory sinking fund feature is expected to be outstanding.

Bankers' Acceptance (BA's). A draft or bill of exchange drawn upon and accepted by a bank. Frequently used to finance shipping of international goods. Used as a short-term credit instrument, bankers' acceptances are traded at a discount from face value as a money market instrument in the secondary market on the basis of the credit quality of the guaranteeing bank.

Basis Point. One hundredth of one percent, or 0.01%. Thus 1% equals 100 basis points.

Bearer Security. A security whose ownership is determined by the holder of the physical security. Typically, there is no registration on the issuer's books. Title to bearer securities is transferred by delivery of the physical security or certificate. Also known as "physical securities."

Benchmark Bills: In November 1999, FNMA introduced its Benchmark Bills program, a short-term debt securities issuance program to supplement its existing discount note program. The program includes a schedule of larger, weekly issues in three- and six-month maturities and biweekly issues in one-year for Benchmark Bills. Each issue is brought to market via a Dutch (single price) auction. FNMA conducts a weekly auction for each Benchmark Bill maturity and accepts both competitive and non-competitive bids through a web based auction system. This program is in addition to the variety of other discount note maturities, with rates posted on a daily basis, which FNMA offers. FNMA's Benchmark Bills are unsecured general obligations that are issued in book-entry form through the Federal Reserve Banks. There are no periodic payments of interest on Benchmark Bills, which are sold at a discount from the principal amount and payable at par at maturity. Issues under the Benchmark program constitute the same credit standing as other FNMA discount notes; they simply add organization and liquidity to the short-term Agency discount note market.

Benchmark Notes/Bonds: Benchmark Notes and Bonds are a series of FNMA "bullet" maturities (non-callable) issued according to a pre-announced calendar. Under its Benchmark Notes/Bonds program, 2, 3, 5, 10 and 30-year maturities are issued each quarter. Each Benchmark Notes new issue has a minimum size of \$4 billion, 30-year new issues having a minimum size of \$1 billion, with re-openings based on investor demand to further enhance liquidity. The amount of non-callable issuance has allowed FNMA to build a yield curve in Benchmark Notes and Bonds in maturities ranging from 2 to 30 years. The liquidity emanating from these large size issues has facilitated favorable financing opportunities through the development of a liquid overnight and term repo market. Issues under the Benchmark program constitute the same credit standing as other FNMA issues; they simply add organization and liquidity to the intermediate- and long-term Agency market.

Benchmark. A market index used as a comparative basis for measuring the performance of an investment portfolio. A performance benchmark should represent a close correlation to investment guidelines, risk tolerance and duration of the actual portfolio's investments.

Bid Price. Price at which a broker/dealer offers to purchase a security from an investor.

Bond Market Association (BMA). The bond market trade association representing the largest securities markets in the world. In addition to publishing a Master Repurchase Agreement, widely accepted as the industry standard document for Repurchase Agreements, the BMA also recommends bond market closures and early closes due to holidays.

Bond. Financial obligation for which the issuer promises to pay the bondholder (the purchaser or owner of the bond) a specified stream of future cash flows, including periodic interest payments and a principal repayment.

Book Entry Securities. Securities that are recorded in a customer's account electronically through one of the financial markets electronic delivery and custody systems, such as the Fed Securities wire, DTC and PTC

(as opposed to bearer or physical securities). The trend is toward a certificate-free society in order to cut down on paperwork and to diminish investors' concerns about the certificates themselves. The vast majority of securities are now book entry securities.

Book Value. The value at which a debt security is reflected on the holder's records at any point in time. Book value is also called "amortized cost" as it represents the original cost of an investment adjusted for amortization of premium or accretion of discount. Also called "carrying value." Book value can vary over time as an investment approaches maturity and differs from "market value" in that it is not affected by changes in market interest rates.

Broker/Dealer. A person or firm transacting securities business with customers. A "broker" acts as an agent between buyers and sellers, and receives a commission for these services. A "dealer" buys and sells financial assets from its own portfolio. A dealer takes risk by owning inventory of securities, whereas a broker merely matches up buyers and sellers. See also "Primary Dealer."

Bullet Notes/Bonds. Notes or bonds that have a single maturity date and are non-callable.

Call Date. Date at which a call option may be or is exercised.

Call Option. The right, but not the obligation, of an issuer of a security to redeem a security at a specified value and at a specified date or dates prior to its stated maturity date. Most fixed-income calls are at par, but can be at any previously established price. Securities issued with a call provision typically carry a higher yield than similar securities issued without a call feature. There are three primary types of call options (1) European - one-time calls, (2) Bermudan - periodically on a predetermined schedule (quarterly, semi-annual, annual), and (3) American - continuously callable at any time on or after the call date. There is usually a notice period of at least 5 business days prior to a call date.

Callable Bonds/Notes. Securities, which contain an imbedded call option giving the issuer, the right to redeem the securities prior to maturity at a predetermined price and time.

Certificate of Deposit (CD). Bank obligation issued by a financial institution generally offering a fixed rate of return (coupon) for a specified period of time (maturity). Can be as long as 10 years to maturity, but most CDs purchased by public agencies are one year and under.

Collateral. Investment securities or other property that a borrower pledges to secure repayment of a loan, secure deposits of public monies, or provide security for a repurchase agreement.

Collateralization. Process by which a borrower pledges securities, property, or other deposits for securing the repayment of a loan and/or security.

Collateralized Mortgage Obligation (CMO). A security that pools together mortgages and separates them into short, medium, and long-term positions (called tranches). Tranches are set up to pay different rates of interest

depending upon their maturity. Interest payments are usually paid monthly. In “plain vanilla” CMOs, principal is not paid on a tranche until all shorter tranches have been paid off. This system provides interest and principal in a more predictable manner. A single pool of mortgages can be carved up into numerous tranches each with its own payment and risk characteristics.

Commercial Paper. Short term unsecured promissory note issued by a company or financial institution. Issued at a discount and matures for par or face value. Usually a maximum maturity of 270 days, and given a short-term debt rating by one or more NRSROs.

Convexity. A measure of a bond's price sensitivity to changing interest rates. A high convexity indicates greater sensitivity of a bond's price to interest rate changes.

Corporate Note. A debt instrument issued by a corporation with a maturity of greater than one year and less than ten years.

Counterparty. The other party in a two party financial transaction. "Counterparty risk" refers to the risk that the other party, to a transaction, will fail in its related obligations. For example, the bank or broker/dealer in a repurchase agreement.

Coupon Rate. Annual rate of interest on a debt security, expressed as a percentage of the bond's face value.

Current Yield. Annual rate of return on a bond based on its price. Calculated as (coupon rate / price), but does not accurately reflect a bond's true yield level.

Custody. Safekeeping services offered by a bank, financial institution or trust company, referred to as the “custodian.” Service normally includes the holding and reporting of the customer's securities, the collection and disbursement of income, securities settlement and market values.

Dealer. A dealer, as opposed to a broker, acts as a principal in all transactions, buying and selling for his own account.

Delivery Versus Payment (DVP). Settlement procedure in which securities are delivered versus payment of cash, but only after cash has been received. Most security transactions, including those through the Fed Securities Wire system and DTC, are done DVP as a protection for both the buyer and seller of securities.

Depository Trust Company (DTC). A firm through which members can use a computer to arrange for securities to be delivered to other members without physical delivery of certificates. A member of the Federal Reserve System and owned mostly by the New York Stock Exchange, the Depository Trust Company uses computerized debit and credit entries. Most corporate securities, commercial paper, CDs and BAs clear through DTC.

Derivatives. For hedging purposes, common derivatives are options, futures, swaps and swaptions. All Collateralized Mortgage Obligations (“CMOs”) are derivatives. (1) Financial instruments whose return profile is linked to, or derived from, the movement of one or more underlying index or security, and may include a leveraging factor, or (2) financial contracts based upon notional amounts whose value is derived from an underlying index or security (interest rates, foreign exchange rates, equities or commodities).

Derivative Security. Financial instrument created from, or whose value depends upon, one or more underlying assets or indexes of asset values.

Designated Bond. FFCB's regularly issued, liquid, non-callable securities that generally have a 2 or 3 year original maturity. New issues of Designated Bonds are \$1 billion or larger. Re-openings of existing Designated Bond issues are generally a minimum of \$100 million. Designated Bonds are offered through a syndicate of two to six dealers. Twice each month the Funding Corporation announces its intention to issue a new Designated Bond, reopen an existing issue, or to not issue or reopen a Designated Bond. Issues under the Designated Bond

program constitute the same credit standing as other FFCB issues; they simply add organization and liquidity to the intermediate- and long-term Agency market.

Discount Notes. Unsecured general obligations issued by Federal Agencies at a discount. Discount notes mature at par and can range in maturity from overnight to one year. Very large primary (new issue) and secondary markets.

Discount Rate. Rate charged by the system of Federal Reserve Banks on overnight loans to member banks. Changes to this rate are administered by the Federal Reserve and closely mirror changes to the “fed funds rate.”

Discount Securities. Non-interest bearing money market instruments that are issued at discount and redeemed at maturity for full face value. Examples include: U.S. Treasury Bills, Federal Agency Discount Notes, Bankers' Acceptances and Commercial Paper.

Discount. The amount by which a bond or other financial instrument sells below its face value. See also “Premium.”

Diversification. Dividing investment funds among a variety of security types, maturities, industries and issuers offering potentially independent returns.

Dollar Price. A bond’s cost expressed as a percentage of its face value. For example, a bond quoted at a dollar price of 95 ½, would have a principal cost of \$955 per \$1,000 of face value.

Duff & Phelps. One of several NRSROs that provide credit ratings on corporate and bank debt issues.

Duration. The weighted average maturity of a security’s or portfolio’s cash flows, where the present values of the cash flows serve as the weights. The greater the duration of a security/portfolio, the greater its percentage price volatility with respect to changes in interest rates. Used as a measure of risk and a key tool for managing a portfolio versus a benchmark and for hedging risk. There are also different kinds of duration used for different purposes (e.g. MacAuley Duration, Modified Duration).

Fannie Mae. See “Federal National Mortgage Association.”

Fed Money Wire. A computerized communications system that connects the Federal Reserve System with its member banks, certain U. S. Treasury offices, and the Washington D.C. office of the Commodity Credit Corporation. The Fed Money Wire is the book entry system used to transfer cash balances between banks for themselves and for customer accounts.

Fed Securities Wire. A computerized communications system that facilitates book entry transfer of securities between banks, brokers and customer accounts, used primarily for settlement of U.S. Treasury and Federal Agency securities.

Fed. See “Federal Reserve System.”

Federal Agency Security. A debt instrument issued by one of the Federal Agencies. Federal Agencies are considered second in credit quality and liquidity only to U.S. Treasuries.

Federal Agency. Government sponsored/owned entity created by the U.S. Congress, generally for the purpose of acting as a financial intermediary by borrowing in the marketplace and directing proceeds to specific areas of the economy considered to otherwise have restricted access to credit markets. The largest Federal Agencies are GNMA, FNMA, FHLMC, FHLB, FFCB, SLMA, and TVA.

Federal Deposit Insurance Corporation (FDIC). Federal agency that insures deposits at commercial banks, currently to a limit of \$250,000 per depositor per bank.

Federal Farm Credit Bank (FFCB). One of the large Federal Agencies. A government sponsored enterprise (GSE) system that is a network of cooperatively-owned lending institutions that provides credit services to farmers, agricultural cooperatives and rural utilities. The FFCBs act as financial intermediaries that borrow money in the capital markets and use the proceeds to make loans and provide other assistance to farmers and farm-affiliated businesses. Consists of the consolidated operations of the Banks for Cooperatives, Federal Intermediate Credit Banks, and Federal Land Banks. Frequent issuer of discount notes, agency notes and callable agency securities. FFCB debt is not an obligation of, nor is it guaranteed by the U.S. government, although it is considered to have minimal credit risk due to its importance to the U.S. financial system and agricultural industry. Also issues notes under its “designated note” program.

Federal Funds (Fed Funds). Funds placed in Federal Reserve Banks by depository institutions in excess of current reserve requirements, and frequently loaned or borrowed on an overnight basis between depository institutions.

Federal Funds Rate (Fed Funds Rate). The interest rate charged by a depository institution lending Federal Funds to another depository institution. The Federal Reserve influences this rate by establishing a “target” Fed Funds rate associated with the Fed's management of monetary policy.

Federal Home Loan Bank System (FHLB). One of the large Federal Agencies. A government sponsored enterprise (GSE) system, consisting of wholesale banks (currently twelve district banks) owned by their member banks, which provides correspondent banking services and credit to various financial institutions, financed by the issuance of securities. The principal purpose of the FHLB is to add liquidity to the mortgage markets. Although FHLB does not directly fund mortgages, it provides a stable supply of credit to thrift institutions that make new mortgage loans. FHLB debt is not an obligation of, nor is it guaranteed by the U.S. government, although it is considered to have minimal credit risk due to its importance to the U.S. financial system and housing market. Frequent issuer of discount notes, agency notes and callable agency securities. Also issues notes under its “global note” and “TAP” programs.

Federal Home Loan Mortgage Corporation (FHLMC or “Freddie Mac”). One of the large Federal Agencies. A government sponsored public corporation (GSE) that provides stability and assistance to the secondary market for home mortgages by purchasing first mortgages and participation interests financed by the sale of debt and guaranteed mortgage backed securities. FHLMC debt is not an obligation of, nor is it guaranteed by the U.S. government, although it is considered to have minimal credit risk due to its importance to the U.S. financial system and housing market. Frequent issuer of discount notes, agency notes, callable agency securities and MBS. Also issues notes under its “reference note” program.

Federal National Mortgage Association (FNMA or “Fannie Mae”). One of the large Federal Agencies. A government sponsored public corporation (GSE) that provides liquidity to the residential mortgage market by purchasing mortgage loans from lenders, financed by the issuance of debt securities and MBS (pools of mortgages packaged together as a security). FNMA debt is not an obligation of, nor is it guaranteed by the U.S. government, although it is considered to have minimal credit risk due to its importance to the U.S. financial system and housing market. Frequent issuer of discount notes, agency notes, callable agency securities and MBS. Also issues notes under its “benchmark note” program.

Federal Reserve Bank. One of the 12 distinct banks of the Federal Reserve System.

Federal Reserve System (the Fed). The independent central bank system of the United States that establishes and conducts the nation's monetary policy. This is accomplished in three major ways: (1) raising or lowering bank reserve requirements, (2) raising or lowering the target Fed Funds Rate and Discount Rate, and (3) in open market operations by buying and selling government securities. The Federal Reserve System is made up of twelve Federal Reserve District Banks, their branches, and many national and state banks throughout the nation. It is headed by the seven member Board of Governors known as the “Federal Reserve Board” and headed by its Chairman.

Financial Industry Regulatory Authority, Inc (FINRA). is a private corporation that acts as a self-regulatory organization (SRO). FINRA is the successor to the National Association of Securities Dealers, Inc. (NASD). Though sometimes mistaken for a government agency, it is a non-governmental organization that performs financial regulation of member brokerage firms and exchange markets. The government also has a regulatory arm for investments, the Securities and Exchange Commission.

Fiscal Agent/Paying Agent. A bank or trust company that acts, under a trust agreement with a corporation or municipality, in the capacity of general treasurer. The agent performs such duties as making coupon payments, paying rents, redeeming bonds, and handling taxes relating to the issuance of bonds.

Fitch Investors Service, Inc. One of several NRSROs that provide credit ratings on corporate and municipal debt issues.

Floating Rate Security (FRN or “floater”). A bond with an interest rate that is adjusted according to changes in an interest rate or index. Differs from variable-rate debt in that the changes to the rate take place immediately when the index changes, rather than on a predetermined schedule. See also “Variable Rate Security.”

Freddie Mac. See "Federal Home Loan Mortgage Corporation".

Ginnie Mae. See "Government National Mortgage Association".

Global Notes: Notes designed to qualify for immediate trading in both the domestic U.S. capital market and in foreign markets around the globe. Usually large issues that are sold to investors worldwide and therefore have excellent liquidity. Despite their global sales, global notes sold in the U.S. are typically denominated in U.S. dollars.

Government National Mortgage Association (GNMA or "Ginnie Mae"). One of the large Federal Agencies. Government-owned Federal Agency that acquires, packages, and resells mortgages and mortgage purchase commitments in the form of mortgage-backed securities. Largest issuer of mortgage pass-through securities. GNMA debt is guaranteed by the full faith and credit of the U.S. government (one of the few agencies that is actually full faith and credit of the U.S.).

Government Securities. An obligation of the U.S. government, backed by the full faith and credit of the government. These securities are regarded as the highest quality of investment securities available in the U.S. securities market. See "Treasury Bills, Notes, Bonds, and SLGS."

Government Sponsored Enterprise (GSE). Privately owned entity subject to federal regulation and supervision, created by the U.S. Congress to reduce the cost of capital for certain borrowing sectors of the economy such as students, farmers, and homeowners. GSEs carry the implicit backing of the U.S. Government, but they are not direct obligations of the U.S. Government. For this reason, these securities will offer a yield premium over U.S. Treasuries. Some consider GSEs to be stealth recipients of corporate welfare. Examples of GSEs include: FHLB, FHLMC, FNMA and SLMA.

Government Sponsored Enterprise Security. A security issued by a Government Sponsored Enterprise. Considered Federal Agency Securities.

Index. A compilation of statistical data that tracks changes in the economy or in financial markets.

Interest-Only (IO) STRIP. A security based solely on the interest payments from the bond. After the principal has been repaid, interest payments stop and the value of the security falls to nothing. Therefore, IOs are considered risky investments. Usually associated with mortgage-backed securities.

Internal Controls. An internal control structure ensures that the assets of the entity are protected from loss, theft, or misuse. The internal control structure is designed to provide reasonable assurance that these objectives are met.

The concept of reasonable assurance recognizes that 1) the cost of a control should not exceed the benefits likely to be derived and 2) the valuation of costs and benefits requires estimates and judgments by management. Internal controls should address the following points:

1. **Control of collusion** - Collusion is a situation where two or more employees are working in conjunction to defraud their employer.
2. **Separation of transaction authority from accounting and record keeping** - By separating the person who authorizes or performs the transaction from the people who record or otherwise account for the transaction, a separation of duties is achieved.
3. **Custodial safekeeping** - Securities purchased from any bank or dealer including appropriate collateral (as defined by state law) shall be placed with an independent third party for custodial safekeeping.
4. **Avoidance of physical delivery securities** - Book-entry securities are much easier to transfer and account for since actual delivery of a document never takes place. Delivered securities must be properly safeguarded against loss or destruction. The potential for fraud and loss increases with physically delivered securities.
5. **Clear delegation of authority to subordinate staff members** - Subordinate staff members must have a clear understanding of their authority and responsibilities to avoid improper actions. Clear delegation of authority also preserves the internal control structure that is contingent on the various staff positions and their respective responsibilities.
6. **Written confirmation of transactions for investments and wire transfers** - Due to the potential for error and improprieties arising from telephone and electronic transactions, all transactions should be supported by written communications and approved by the appropriate person. Written communications may be via fax if on letterhead and if the safekeeping institution has a list of authorized signatures.
7. **Development of a wire transfer agreement with the lead bank and third-party custodian** - The designated official should ensure that an agreement will be entered into and will address the following points: controls, security provisions, and responsibilities of each party making and receiving wire transfers.

Inverse Floater. A floating rate security structured in such a way that it reacts inversely to the direction of interest rates. Considered risky as their value moves in the opposite direction of normal fixed-income investments and whose interest rate can fall to zero.

Investment Advisor. A company that provides professional advice managing portfolios, investment recommendations and/or research in exchange for a management fee.

Investment Adviser Act of 1940. Federal legislation that sets the standards by which investment companies, such as mutual funds, are regulated in the areas of advertising, promotion, performance reporting requirements, and securities valuations.

Investment Grade. Bonds considered suitable for preservation of invested capital; bonds rated a minimum of Baa3 by Moody's, BBB- by Standard & Poor's, or BBB- by Fitch. Although "BBB" rated bonds are considered investment grade, most public agencies cannot invest in securities rated below "A."

Liquidity. Relative ease of converting an asset into cash without significant loss of value. Also, a relative measure of cash and near-cash items in a portfolio of assets. Also, a term describing the marketability of a money market security correlating to the narrowness of the spread between the bid and ask prices.

Local Government Investment Pool (LGIP). An investment by local governments in which their money is pooled as a method for managing local funds, (i.e., Florida State Board of Administration's Florida Prime Fund).

Long-Term Core Investment Program. Funds that are not needed within a one year period.

Market Value. The fair market value of a security or commodity. The price at which a willing buyer and seller would pay for a security.

Mark-to-market. Adjusting the value of an asset to its market value, reflecting in the process unrealized gains or losses.

Master Repurchase Agreement. A widely accepted standard agreement form published by the Bond Market Association (BMA) that is used to govern and document Repurchase Agreements and protect the interest of parties in a repo transaction.

Maturity Date. Date on which principal payment of a financial obligation is to be paid.

Medium Term Notes (MTN's). Used frequently to refer to corporate notes of medium maturity (5-years and under). Technically, any debt security issued by a corporate or depository institution with a maturity from 1 to 10 years and issued under an MTN shelf registration. Usually issued in smaller issues with varying coupons and maturities, and underwritten by a variety of broker/dealers (as opposed to large corporate deals issued and underwritten all at once in large size and with a fixed coupon and maturity).

Money Market. The market in which short-term debt instruments (bills, commercial paper, bankers' acceptance, etc.) are issued and traded.

Money Market Mutual Fund (MMF). A type of mutual fund that invests solely in money market instruments, such as: U.S. Treasury bills, commercial paper, bankers' acceptances, and repurchase agreements. Money market mutual funds are registered with the SEC under the Investment Company Act of 1940 and are subject "rule 2a-7" which significantly limits average maturity and credit quality of holdings. MMF's are managed to maintain a stable net asset value (NAV) of \$1.00. Many MMFs carry ratings by a NRSRO.

Moody's Investors Service. One of several NRSROs that provide credit ratings on corporate and municipal debt issues.

Mortgage Backed Securities (MBS). Mortgage-backed securities represent an ownership interest in a pool of mortgage loans made by financial institutions, such as savings and loans, commercial banks, or mortgage companies, to finance the borrower's purchase of a home or other real estate. The majority of MBS are issued and/or guaranteed by GNMA, FNMA and FHLMC. There are a variety of MBS structures, some of which can be very risky and complicated. All MBS have reinvestment risk as actual principal and interest payments are dependent on the payment of the underlying mortgages which can be prepaid by mortgage holders to refinance and lower rates or simply because the underlying property was sold.

Mortgage Pass-Through Securities. A pool of residential mortgage loans with the monthly interest and principal distributed to investors on a pro-rata basis. Largest issuer is GNMA.

Municipal Note/Bond. A debt instrument issued by a state or local government unit or public agency. The vast majority of municipals are exempt from state and federal income tax, although some non-qualified issues are taxable.

Mutual Fund. Portfolio of securities professionally managed by a registered investment company that issues shares to investors. Many different types of mutual funds exist (bond, equity, money fund); all except money market funds operate on a variable net asset value (NAV).

Negotiable Certificate of Deposit (Negotiable CD). Large denomination CDs (\$100,000 and larger) that are issued in bearer form and can be traded in the secondary market.

Net Asset Value. The market value of one share of an investment company, such as a mutual fund. This figure is calculated by totaling a fund's assets which includes securities, cash, and any accrued earnings, subtracting this from the fund's liabilities and dividing this total by the number of shares outstanding. This is calculated once a day based on the closing price for each security in the fund's portfolio. (See below.)

$$[(\text{Total assets}) - (\text{Liabilities})]/(\text{Number of shares outstanding})$$

NRSRO. A “Nationally Recognized Statistical Rating Organization.” A designated rating organization that the SEC has deemed a strong national presence in the U.S. NRSROs provide credit ratings on corporate and bank debt issues. Only ratings of a NRSRO may be used for the regulatory purposes of rating. Includes Moody’s, S&P, Fitch and Duff & Phelps.

Offered Price. See also “Ask Price.”

Open Market Operations. Federal Reserve monetary policy tactic entailing the purchase or sale of government securities in the open market by the Federal Reserve System from and to primary dealers in order to influence the money supply, credit conditions, and interest rates.

Par Value. Face value, stated value or maturity value of a security.

Physical Delivery. Delivery of readily available underlying assets at contract maturity.

Portfolio. Collection of securities and investments held by an investor.

Premium. The amount by which a bond or other financial instrument sells above its face value. See also “Discount.”

Primary Dealer. Any of a group of designated government securities dealers designated by to the Federal Reserve Bank of New York. Primary dealers can buy and sell government securities directly with the Fed. Primary dealers also submit daily reports of market activity and security positions held to the Fed and are subject to its informal oversight. Primary dealers are considered the largest players in the U.S. Treasury securities market.

Prime Paper. Commercial paper of high quality. Highest rated paper is A-1+/A-1 by S&P and P-1 by Moody’s.

Principal. Face value of a financial instrument on which interest accrues. May be less than par value if some principal has been repaid or retired. For a transaction, principal is par value times price and includes any premium or discount.

Prudent Investor Standard. Standard that requires that when investing, reinvesting, purchasing, acquiring, exchanging, selling, or managing public funds, a trustee shall act with care, skill, prudence, and diligence under the circumstances then prevailing, including, but not limited to, the general economic conditions and the anticipated needs of the agency, that a prudent person acting in a like capacity and familiarity with those matters would use in the conduct of funds of a like character and with like aims, to safeguard the principal and maintain the liquidity needs of the agency. More stringent than the “prudent person” standard as it implies a level of knowledge commensurate with the responsibility at hand.

Qualified Public Depository - Per Florida Statute 280, means any bank, saving bank or savings association that:

1. Is organized and exists under the laws of the United States, the laws of this state or any other state or territory of the United States;

2. Has its principal place of business in this state or has a branch office in this state which is authorized under the laws of this state or of the United States to receive deposits in this state.
3. Has deposit insurance under the provision of the Federal Deposit Insurance Act, as amended, 12 U.S.C. ss.1811 seq.
4. Meets all requirements of F.S. 280
5. Has been designed by the Treasurer as a qualified public depository.

Range Note. A type of structured note that accrues interest daily at a set coupon rate that is tied to an index. Most range notes have two coupon levels; a higher accrual rate for the period the index is within a designated range, the lower accrual rate for the period that the index falls outside the designated range. This lower rate may be zero and may result in zero earnings.

Rate of Return. Amount of income received from an investment, expressed as a percentage of the amount invested.

Realized Gains (Losses). The difference between the sale price of an investment and its book value. Gains/losses are “realized” when the security is actually sold, as compared to “unrealized” gains/losses which are based on current market value. See “Unrealized Gains (Losses).”

Reference Bills: FHLMC’s short-term debt program created to supplement its existing discount note program by offering issues from one month through one year, auctioned on a weekly or on an alternating four-week basis (depending upon maturity) offered in sizeable volumes (\$1 billion and up) on a cycle of regular, standardized issuance. Globally sponsored and distributed, Reference Bill issues are intended to encourage active trading and market-making and facilitate the development of a term repo market. The program was designed to offer predictable supply, pricing transparency and liquidity, thereby providing alternatives to U.S. Treasury bills. FHLMC’s Reference Bills are unsecured general corporate obligations. This program supplements the corporation’s existing discount note program. Issues under the Reference program constitute the same credit standing as other FHLMC discount notes; they simply add organization and liquidity to the short-term Agency discount note market.

Reference Notes: FHLMC’s intermediate-term debt program with issuances of 2, 3, 5, 10 and 30-year maturities. Initial issuances range from \$2 - \$6 billion with re-openings ranging \$1 - \$4 billion.

The notes are high-quality bullet structures securities that pay interest semiannually. Issues under the Reference program constitute the same credit standing as other FHLMC notes; they simply add organization and liquidity to the intermediate- and long-term Agency market.

Repurchase Agreement (Repo). A short-term investment vehicle where an investor agrees to buy securities from a counterparty and simultaneously agrees to resell the securities back to the counterparty at an agreed upon time and for an agreed upon price. The difference between the purchase price and the sale price represents interest earned on the agreement. In effect, it represents a collateralized loan to the investor, where the securities are the collateral. Can be DVP, where securities are delivered to the investor’s custodial bank, or “tri-party” where the securities are delivered to a third party intermediary. Any type of security can be used as “collateral,” but only some types provide the investor with special bankruptcy protection under the law. Repos should be undertaken only when an appropriate BMA approved master repurchase agreement is in place.

Reverse Repurchase Agreement (Reverse Repo). A repo from the point of view of the original seller of securities. Used by dealers to finance their inventory of securities by essentially borrowing at short-term rates. Can also be used to leverage a portfolio and in this sense, can be considered risky if used improperly.

Safekeeping. Service offered for a fee, usually by financial institutions, for the holding of securities and other valuables. Safekeeping is a component of custody services.

Secondary Market. Markets for the purchase and sale of any previously issued financial instrument.

Securities Lending. An arrangement between an investor and a custody bank that allows the custody bank to “loan” the investor's investment holdings, reinvest the proceeds in permitted investments, and share any profits with the investor. Should be governed by a securities lending agreement. Can increase the risk of a portfolio in that the investor takes on the default risk on the reinvestment at the discretion of the custodian.

Sinking Fund. A separate accumulation of cash or investments (including earnings on investments) in a fund in accordance with the terms of a trust agreement or indenture, funded by periodic deposits by the issuer (or other entity responsible for debt service), for the purpose of assuring timely availability of moneys for payment of debt service. Usually used in connection with term bonds.

Spread. The difference between the price of a security and similar maturity U.S. Treasury investments, expressed in percentage terms or basis points. A spread can also be the absolute difference in yield between two securities. The securities can be in different markets or within the same securities market between different credits, sectors, or other relevant factors.

Standard & Poor's. One of several NRSROs that provide credit ratings on corporate and municipal debt issues.

STRIPS (Separate Trading of Registered Interest and Principal of Securities). Acronym applied to U.S. Treasury securities that have had their coupons and principal repayments separated into individual zero-coupon Treasury securities. The same technique and “strips” description can be applied to non-Treasury securities (e.g. FNMA strips).

Structured Notes. Notes that have imbedded into their structure options such as step-up coupons or derivative-based returns.

Swap. Trading one asset for another.

TAP Notes: Federal Agency notes issued under the FHLB TAP program. Launched in 6/99 as a refinement to the FHLB bullet bond auction process. In a break from the FHLB's traditional practice of bringing numerous small issues to market with similar maturities, the TAP Issue Program uses the four most common maturities and reopens them up regularly through a competitive auction. These maturities (2, 3, 5 and 10 year) will remain open for the calendar quarter, after which they will be closed and a new series of TAP issues will be opened to replace them. This reduces the number of separate bullet bonds issued, but generates enhanced awareness and liquidity in the marketplace through increased issue size and secondary market volume.

Tennessee Valley Authority (TVA). One of the large Federal Agencies. A wholly owned corporation of the United States government that was established in 1933 to develop the resources of the Tennessee Valley region in order to strengthen the regional and national economy and the national defense. Power operations are separated from non-power operations. TVA securities represent obligations of TVA, payable solely from TVA's net power proceeds, and are neither obligations of nor guaranteed by the United States. TVA is currently authorized to issue debt up to \$30 billion. Under this authorization, TVA may also obtain advances from the U.S. Treasury of up to \$150 million. Frequent issuer of discount notes, agency notes and callable agency securities.

Total Return. Investment performance measured over a period of time that includes coupon interest, interest on interest, and both realized and unrealized gains or losses. Total return includes, therefore, any market value appreciation/depreciation on investments held at period end.

Treasuries. Collective term used to describe debt instruments backed by the U.S. Government and issued through the U.S. Department of the Treasury. Includes Treasury bills, Treasury notes, and Treasury bonds. Also a benchmark term used as a basis by which the yields of non-Treasury securities are compared (e.g., "trading at 50 basis points over Treasuries").

Treasury Bills (T-Bills). Short-term direct obligations of the United States Government issued with an original term of one year or less. Treasury bills are sold at a discount from face value and do not pay interest before maturity. The difference between the purchase price of the bill and the maturity value is the interest earned on the bill. Currently, the U.S. Treasury issues 4-week, 13-week and 26-week T-Bills

Treasury Bonds. Long-term interest-bearing debt securities backed by the U.S. Government and issued with maturities of ten years and longer by the U.S. Department of the Treasury. The Treasury stopped issuing Treasury Bonds in August 2001.

Treasury Notes. Intermediate interest-bearing debt securities backed by the U.S. Government and issued with maturities ranging from one to ten years by the U.S. Department of the Treasury. The Treasury currently issues 2-year, 5-year and 10-year Treasury Notes.

Trustee. A bank designated by an issuer of securities as the custodian of funds and official representative of bondholders. Trustees are appointed to insure compliance with the bond documents and to represent bondholders in enforcing their contract with the issuer.

Uniform Net Capital Rule. SEC regulation 15C3-1 that outlines the minimum net capital ratio (ratio of indebtedness to net liquid capital) of member firms and non-member broker/dealers.

Unrealized Gains (Losses). The difference between the market value of an investment and its book value. Gains/losses are "realized" when the security is actually sold, as compared to "unrealized" gains/losses which are based on current market value. See also "Realized Gains (Losses)."

Variable-Rate Security. A bond that bears interest at a rate that varies over time based on a specified schedule of adjustment (e.g., daily, weekly, monthly, semi-annually or annually). See also "Floating Rate Note."

Weighted Average Maturity (or just "Average Maturity"). The average maturity of all securities and investments of a portfolio, determined by multiplying the par or principal value of each security or investment by its maturity (days or years), summing the products, and dividing the sum by the total principal value of the portfolio. A simple measure of risk of a fixed-income portfolio.

Weighted Average Maturity to Call. The average maturity of all securities and investments of a portfolio, adjusted to substitute the first call date per security for maturity date for those securities with call provisions.

Yield Curve. A graphic depiction of yields on like securities in relation to remaining maturities spread over a time line. The traditional yield curve depicts yields on U.S. Treasuries, although yield curves exist for Federal Agencies and various credit quality corporates as well. Yield curves can be positively sloped (normal) where longer-term investments have higher yields, or "inverted" (uncommon) where longer-term investments have lower yields than shorter ones.

Yield to Call (YTC). Same as "Yield to Maturity," except the return is measured to the first call date rather than the maturity date. Yield to call can be significantly higher or lower than a security's yield to maturity.

Yield to Maturity (YTM). Calculated return on an investment, assuming all cash flows from the security are reinvested at the same original yield. Can be higher or lower than the coupon rate depending on market rates and whether the security was purchased at a premium or discount. There are different conventions for calculating YTM for various types of securities.

Yield. There are numerous methods of yield determination. In this glossary, see also "Current Yield," "Yield Curve," "Yield to Call" and "Yield to Maturity."

Attachment B
Investment Pool/Fund Questionnaire

1. A description of eligible investment securities, and a written statement of investment policy and objectives.
2. A description of interest calculations and how it is distributed, and how gains and losses are treated.
3. A description of how the securities are safeguarded (including the settlement processes), and how often the securities are priced and the program audited.
4. A description of who may invest in the program, how often, what size deposit and withdrawal are allowed.
5. A schedule for receiving statements and portfolio listings.
6. Are reserves, retained earnings, etc. utilized by the pool/fund?
7. A fee schedule, and when and how is it assessed.
8. Is the pool/fund eligible for bond proceeds and/or will it accept such proceeds?

ATTACHMENT A	
ALL FUNDS SUMMARY	
Description	Budget FY 2022-23
General Fund (001)	41,522,489
Special Revenue Funds:	
Downtown Redevelopment Trust Fund (104)	1,437,353
Ormond Crossings Trust Fund (106)	296,171
Stormwater Utility Fund (107)	2,525,500
Airport Fund (108)	288,998
Local Law Enforcement Trust Fund (109)	-
Economic Development Fund (110)	1,112,000
State Law Enforcement Trust Fund (112)	-
Pension Contribution Pass Through Fund (113)	800,000
Recreation Facility Fee Fund (115)	50,275
Grants Fund (116)	-
Total Special Revenue Funds	6,510,297
Debt Service Funds:	
Financing Debt Service Fund (205)	651,688
2002 GOB Debt Service Fund (209)	-
2003 GOB Debt Service Fund (210)	118,674
2004 Revenue Bond Fund (211)	162,202
2010 Beachfront Park Bond Fund (220)	352,327
Total Debt Service Funds	1,284,891
Capital Improvement Funds:	
Capital Improvements Fund (301)	2,190,745
Equipment Renewal & Replacement Fund (302)	347,000
Public Safety Vehicle & Equipment Fund (305)	934,000
Transportation Improvements Fund (308)	2,262,489
Recreational Impact Fee Fund (310)	215,000
Local Road Impact Fee Fund (316)	89,000
Facilities Renewal & Replacement Fund (317)	506,470
Stormwater Impact Fee Fund (318)	50,000
Total Capital Improvement Funds	6,594,704
Water and Wastewater Funds:	
Water and Wastewater Fund (401)	24,001,431
Vehicle Replacement Fund (408)	368,000
Renewal & Replacement Fund (409)	9,494,412
Water/Wastewater Consolidated Debt Service Fund (414)	4,753,500
West Ormond Reuse Impact Fee Fund (433)	850,000
Water System Impact Fee Fund (434)	725,000
Wastewater System Impact Fee Fund (435)	4,300,000
Total Water and Wastewater Funds	44,492,343
Solid Waste Fund (460)	9,827,200
Workers Compensation Fund (502)	801,612
General Liability Fund (504)	1,460,253
TOTAL BUDGET APPROPRIATION	112,493,789
Less: Interfund Transfers	(16,200,585)
Fleet Operations (Internal Service Charges)	(1,908,683)
Engineering (Internal Service Charges)	(1,201,983)
Consolidated Insurance Fund (Internal Service Charges)	(2,261,865)
TOTAL NET BUDGET	90,920,673

**MINUTES
ORMOND BEACH CITY COMMISSION
HELD AT CITY HALL COMMISSION CHAMBERS**

August 16, 2022

7:00 p.m.

Commission Chambers

Present: Mayor Bill Partington, Commissioners Dwight Selby, Troy Kent, Susan Persis, and Rob Littleton, City Manager Joyce Shanahan, City Attorney Randy Hayes, and City Clerk Susan Carroll Dauderis.

A G E N D A

1. CALL TO ORDER

2. INVOCATION

3. PLEDGE OF ALLEGIANCE

4. PRESENTATIONS AND PROCLAMATIONS

A. AdventHealth Daytona Beach - Ed Noseworthy

5. AUDIENCE REMARKS - REGARDING ITEMS NOT ON THE AGENDA

6. APPROVAL OF MINUTES

A. Minutes from City Commission meeting – August 3, 2022

7. CONSENT AGENDA

The action proposed is stated for each item on the Consent Agenda. Unless a City Commissioner removes an item from the Consent Agenda, no discussion on individual items will occur and a single motion will approve all items.

A. RESOLUTION NO. 2022-99: A RESOLUTION ACKNOWLEDGING THE RECEIPT OF THE 2022 ORMOND CROSSINGS ANNUAL REPORT DATED JUNE 2022; AND SETTING FORTH AN EFFECTIVE DATE

Staff Contact: Steven Spraker, Planning Director (386-676-3341)

B. RESOLUTION NO. 2022-100: A RESOLUTION AUTHORIZING AN ADDITIONAL EXPENDITURE TO COUNTY OF VOLUSIA FOR TRAFFIC SIGNAL MAINTENANCE UNDER AN INTERLOCAL AGREEMENT FOR MUNICIPAL SERVICES; AND SETTING FORTH AN EFFECTIVE DATE.

Staff Contact: Alex Schumann, City Engineer (386-676-3302)

C. RESOLUTION NO. 2022-101: A RESOLUTION AUTHORIZING THE EXECUTION OF AN INTERLOCAL AGREEMENT WITH THE COUNTY OF VOLUSIA FOR THE PROVISION OF MUNICIPAL SERVICES AND TRAFFIC SIGNAL MAINTENANCE WITHIN THE CITY OF ORMOND BEACH; SETTING FORTH AN EFFECTIVE DATE.

Staff Contact: Alex Schumann, City Engineer (386-676-3302)

D. RESOLUTION NO. 2022-102: A RESOLUTION ACCEPTING A BID FROM SGS CONTRACTING SERVICES, INC. FOR CONSTRUCTION SERVICES REGARDING THE CLARIFIER

IMPROVEMENT PROJECT, UNDER BID NO. 2022-23; AUTHORIZING THE EXECUTION OF A CONTRACT AND PAYMENT THEREFOR; REJECTING ALL OTHER BIDS; AND SETTING FORTH AN EFFECTIVE DATE.

Staff Contact: Shawn Finley, Public Works Director (386-676-3292)

- E. **RESOLUTION NO. 2022-103:** A RESOLUTION AUTHORIZING A COST INCREASE TO ODYSSEY MANUFACTURING CO. REGARDING THE PROVISION OF SODIUM HYPOCHLORITE UNDER ITB 2020- 24; AND SETTING FORTH AN EFFECTIVE DATE.

Staff Contact: Shawn Finley, Public Works Director (386-676-3292)

- F. **Fiscal Year 2021 Edward Byrne Memorial Justice Assistance Grant (JAG) County-wide Funds Distribution**

Staff Contact: Loretta Moio, Grants Coordinator (386-676-3315)

Disposition: Approve as recommended in the City Manager memorandum dated August 16, 2022.

- G. **Auto Renewal Contract - Interactive Voice Response System**

Staff Contact: Kelly McGuire, Finance Director (386-676-3226)

Disposition: Approve as recommended in the City Manager memorandum dated August 16, 2022.

- H. **Capital Improvement Plan Fiscal Year 2022-2023 to Fiscal Year 2026-2027**

Staff Contact: Kelly McGuire, Finance Director (386-676-3226)

Disposition: Approve as recommended in the City Manager memorandum dated August 16, 2022.

- I. **City Manager Status Report, August 2022**

Staff Contact: Joyce Shanahan, City Manager (386-676-3200)

Disposition: Approve as recommended in the City Manager memorandum dated August 16, 2022.

8. PUBLIC HEARINGS

- A. **ORDINANCE NO. 2022-24:** AN ORDINANCE ANNEXING ONE PARCEL OF REAL PROPERTY INTO THE CITY OF ORMOND BEACH, SAID PROPERTY BEING GENERALLY LOCATED APPROXIMATELY 125 FEET WEST OF OLD DIXIE HIGHWAY AND APPROXIMATELY 770 FEET NORTH OF PLANTATION OAKS BOULEVARD, BEING LOCATED AT LOT 13, BLOCK 217, ORMOND ON THE BAY, VOLUSIA COUNTY PARCEL NUMBER 3239-03-17-0130; SETTING FORTH ZONING PRIVILEGES AND OBLIGATIONS REGARDING THE PROPERTY; REDEFINING THE TERRITORIAL BOUNDARIES OF THE CITY OF ORMOND BEACH TO INCLUDE THE PROPERTY; REDESIGNATING THE BOUNDARIES OF ZONE 1 OF THE CITY OF ORMOND BEACH TO INCLUDE THE PROPERTY; PROVIDING FOR TRANSMISSION; PROVIDING FOR SEVERABILITY; AND SETTING FORTH AN EFFECTIVE DATE. **(SECOND READING)**

Staff Contact: Steven Spraker, Planning Director (386-676-3341)

9. FIRST READING OF ORDINANCES

- A. **ORDINANCE NO. 2022-25:** AN ORDINANCE OF THE CITY OF ORMOND BEACH, FLORIDA, AMENDING ARTICLE III, FIREFIGHTERS' PENSION TRUST FUND, OF CHAPTER 16, PENSIONS AND RETIREMENT, OF THE CODE OF ORDINANCES; AMENDING SECTION 16-43, ESTABLISHMENT AND OPERATION OF FUND; FINANCES AND FUND MANAGEMENT; PROVIDING FOR SEVERABILITY OF PROVISIONS; PROVIDING FOR CODIFICATION; REPEALING ALL ORDINANCES IN CONFLICT HERewith AND PROVIDING AN EFFECTIVE DATE.

Staff Contact: Kelly McGuire, Finance Director (386-676-3226)

10. DISCUSSION AND DIRECTION ITEMS

- A. **901 Airport Road, Joint Purchase with SJRWMD & Volusia County for Land Preservation**

Staff Contact: Steven Spraker, Planning Director (386-676-3341)

11. REPORTS, SUGGESTIONS, REQUESTS

12. ADJOURNMENT

MINUTES

Item #1 – Meeting Call to Order

Mayor Partington called the meeting to order at 7:01 p.m.

Item #2 – Invocation

Pastor Kevin Mahoney, Rima Ridge Baptist Church, provided the invocation.

Item #3 – Pledge of Allegiance

Mayor Partington led the Pledge of Allegiance.

Item #4 – Presentations and Proclamations

Item #4A – AdventHealth Daytona Beach – Ed Noseworthy

Mayor Partington presented a proclamation to AdventHealth Daytona Beach Chief Executive Officer Ed Noseworthy and AdventHealth Daytona Beach. He discussed the contributions AdventHealth Daytona Beach and Mr. Noseworthy made to the community. He encouraged citizens to thank AdventHealth Daytona Beach and Mr. Noseworthy for their community contributions. Mayor Partington presented a key to the city and city pin to Mr. Noseworthy.

Mr. Noseworthy stated it was a pleasure to serve the community and thanked the Commission.

Item #5 – Audience Remarks

Ms. Terry Mercer, 31 Dix Avenue, voiced her concerns regarding the State Road 40 planned construction with the Florida Department of Transportation (FDOT), noting FDOT did not plan to redo any part of the bridge. She explained her concerns regarding the bicycle lane on the Granada Boulevard bridge. She discussed possible options to improve the bridge for bicycle riders.

Mr. Doyle Lewis, no listed address, expressed his concerns regarding bicycle parking, bicycle racks on buses, lack of bicycle racks throughout the city and motorcycle parking.

Item #6 – Approval of Minutes

Mayor Partington advised the minutes of the August 3, 2022, meeting had been sent to the Commission for review and were posted on the city’s website for public viewing. He asked for any corrections, additions, or omissions. He stated that hearing no corrections, the minutes would stand approved as presented.

Commissioner Persis moved, seconded by Commissioner Littleton, for approval of the August 3, 2022, City Commission meeting minutes.

The motion passed by voice vote.

Item #7 – Consent Agenda

Mayor Partington advised the actions proposed for the items on the Consent Agenda were so stated on the agenda. He asked if any member of the Commission had questions or wished to discuss any items separately.

Commissioner Selby moved, seconded by Commissioner Littleton, for approval of the consent agenda.

Call Vote:	Commissioner Selby	Yes
	Commissioner Kent	Yes
	Commissioner Persis	Yes
	Commissioner Littleton	Yes
Carried.	Mayor Partington	Yes

Comments on the Consent Agenda

There were no comments on the Consent Agenda.

Item #8 – Public Hearings

Ms. Joyce Shanahan, City Manager, stated staff was requesting for the Commission to pull Item 9A from the Agenda as the Pension Board would be meeting on Friday, August 26, 2022, and would amend the Item. She explained as presented there were no limitations on the investment and was likely an oversight. She stated staff would bring the amended item back in September 2022.

The Commission agreed to pull Item 9A Ordinance 2022-25 from the August 16, 2022, agenda.

Mayor Partington opened the public hearings.

Item #8A – Annexation: Lot 13, Block 217, Ormond on the Bay, Volusia County parcel #3239-03-17-0130

City Clerk Susan C. Dauderis read by title only:

ORDINANCE NO. 2022-24
AN ORDINANCE ANNEXING ONE PARCEL OF REAL PROPERTY INTO THE CITY OF ORMOND BEACH, SAID PROPERTY BEING GENERALLY LOCATED APPROXIMATELY 125 FEET WEST OF OLD DIXIE HIGHWAY AND APPROXIMATELY 770 FEET NORTH OF PLANTATION OAKS BOULEVARD, BEING LOCATED AT LOT 13, BLOCK 217, ORMOND ON THE BAY, VOLUSIA COUNTY PARCEL NUMBER 3239-03-17-0130; SETTING FORTH ZONING PRIVILEGES AND OBLIGATIONS REGARDING THE PROPERTY; REDEFINING THE TERRITORIAL BOUNDARIES OF THE CITY OF ORMOND BEACH TO INCLUDE THE PROPERTY; REDESIGNATING THE BOUNDARIES OF ZONE 1 OF THE CITY OF ORMOND BEACH TO INCLUDE THE PROPERTY; PROVIDING FOR TRANSMISSION; PROVIDING FOR SEVERABILITY; AND SETTING FORTH AN EFFECTIVE DATE. **(SECOND READING)**

Commissioner Persis moved, seconded by Commissioner Selby, for approval of Ordinance No. 2022-24, on second reading, as read by title only.

Call Vote:	Commissioner Kent	Yes
	Commissioner Persis	Yes
	Commissioner Littleton	Yes
	Commissioner Selby	Yes
Carried.	Mayor Partington	Yes

Mayor Partington closed the public hearings.

Item #10 – Discussion and Direction Items

Item #10A – 901 Airport Road, Joint Purchase with SJRWMD & Volusia County for Land Preservation

Mr. Steven Spraker, Planning Director, explained the item was to see if the Commission had interest in a Joint Participation Agreement (JPA) for the property at 901 Airport Road. He discussed the location and zoning and explained the property was on the Volusia County’s Volusia Forever B List due to lack of funding source. He stated in June 2022, Saint Johns River Water Management District (SJRWMD) expressed interest in a joint partnership with Volusia County and the City of Ormond Beach. He noted SJRWMD would pay 60 percent at \$462,000, Volusia County would pay 20 percent at \$154,000 and the City of Ormond Beach would pay 20 percent at \$154,000 noting the three parties would split the closing costs at proximately \$7,000 each. He explained Volusia County and the City would jointly own the property and SJRWMD would maintain a conservation easement over the property. He stated with the conservation easement and location staff would incorporate the property into Riverbend Nature Park.

Commissioner Selby inquired what was meant by SJRWMD considering FDOT mitigation with the property; whereby, Mr. Spraker explained there was a roadway project that had wetland impacts and they would need to mitigate within a certain geographic area. Commissioner Selby inquired if FDOT needed the land, could they contribute funds to purchase the property; whereby, Mr. Spraker explained the SJRWMD funds were coming from FDOT.

Commissioner Persis inquired if the City and Volusia County would be 50-50 owners; whereby, Mr. Spraker confirmed.

Commissioner Selby voiced his concerns of purchasing property for conservation when it was zoned for industrial and could be utilized for future jobs.

Commissioner Persis inquired about the acreage of the wetlands; whereby, Mr. Spraker stated there were approximately ten acres of wetlands. She discussed her support of the project.

Mayor Partington stated the property was on the B List due to lack of funding, noting the Parks and Recreation Master Plan that highlighted the residents desire for more trails and preserved land. He voiced his support of the item.

Commissioner Selby inquired the status of a consultant’s recommendation for the land use of the Riverbend Golf Course; whereby, Ms. Shanahan stated they were still working on it. He explained while it was unclear of the property’s future, he felt it would not be commercially developed. He stated he would be voting no on the project as there was a potential for 80,000 square feet of commercial development which would be beneficial for future jobs and a tax base.

Commissioner Littleton inquired if Commission Selby thought there was a possibility the land was unable to be developed; whereby, Commissioner Selby stated he did not know but the land was zoned as commercial and there was a preliminary plan many years ago.

Mr. Spraker stated the owners of the property owned it since 2002, noting their desire for the property to be conservation and not be developed. He explained the property owners were selling the property below the appraisal price.

Commissioner Kent explained he liked the idea of the property as a commercial development due to its location. He discussed the benefits of the proximity to Riverbend

Nature Park noting the citizens wanted more nature trail areas, and stated he would support the project.

Commissioner Persis moved, seconded by Commissioner Littleton, for staff to move forward on the project.

Call Vote:	Commissioner Persis	Yes
	Commissioner Littleton	Yes
	Commissioner Selby	No
	Commissioner Kent	Yes
Carried.	Mayor Partington	Yes

Item #11 – Reports, Suggestions, Requests

Project Updates

Ms. Shanahan, stated the Stormwater Lining project was nearing completion. The Sanchez Park supplies came in and staff was scheduling a pre-construction meeting and noted installation was set to begin early September 2022. The Hazard Mitigation grant program to replace the doors and windows at City Hall, Police Station and Public Works was near completion. She explained FDOT was working on a stormwater project and started the week of August 15, 2022, and was also working on the fenders of the Granada Boulevard bridge. She stated FDOT was staging in the residential area on North Beach Street and explained staff was working with FDOT to relocate the staging area.

Commissioner Kent thanked staff for looking into the FDOT staging area as he had citizens calling concerned.

Events

Ms. Shanahan stated the movie for Movies on the Halifax on September 2, 2022, would be Sonic the Hedgehog.

Commissioner Persis and Mayor Partington thanked the Commission for allowing them to attend the League of Cities 100 year celebration conference and discussed the sessions attended.

Mayor Partington stated he presented on the Cyber Security panel at the Florida League of Cities event with Assistant City Manager Claire Whitley, and thanked Ms. Whitley for her work on the panel.

Commissioner Littleton wished the best to the students, parents and school staff for the new school year.

Commissioner Selby discussed the upcoming events with Ormond Beach MainStreet including hosting the Florida MainStreet state-wide conference from September 11 through 13, 2022, the annual Ormond Beach MainStreet meeting on October 17, 2022, and Riverfest Seafood Festival would be November 19 and 20, 2022.

Audience Remarks

Commissioner Persis thanked Ms. Mercer for her comments and noted she received many resident emails regarding the bicycle lane on the Granada Boulevard bridge. She requested staff get with FDOT to discuss.

Commissioner Selby stated he met with FDOT Project Manager Ty Garner and noted FDOT was still receiving public comment on the State Road 40/Granada Boulevard project. He stated Ms. Mercer had great ideas regarding the bicycle lane and discussed the safety improvements in the current FDOT plan.

Commissioner Kent discussed his concerns regarding the bicycle safety on the Granada bridge. He discussed the Seabreeze Boulevard bridge in Daytona Beach and what was done there to improve bicycle safety.

Mayor Partington discussed the FDOT event on August 9, 2022 and thanked the citizens for their input. He thanked Ms. Mercer for her input regarding the bicycle lane and stated he would be in favor of a bridge committee to help decide how best to improve it. He discussed potential ideas to help improve the bicycle lane on the bridge.

Joe Daniels

Commissioner Kent thanked Mr. Joe Daniels for his contributions to Ormond Beach, noting his support of the renaming of the South Ormond Neighborhood Center to Joe and Ellwillie Daniels South Ormond Neighborhood Center.

Item #12 – Adjournment

The meeting was adjourned at 7:58 p.m.

APPROVED: September 7, 2022

BY:

Bill Partington, Mayor

ATTEST:

Susan Carroll Dauderis,
City Clerk



CITY OF ORMOND BEACH

City Manager • 22 S. Beach Street • Ormond Beach • Florida • 32174 • (386) 676-3200 • Fax (386) 676-3384

CITY MANAGER MEMORANDUM

To: The Honorable Mayor Partington and City Commissioners

Through: Joyce A. Shanahan, City Manager

From: Robert Carolin, Leisure Services Director

Date: September 7, 2022

Subject: Ormond Beach Memorial Art Museum Service Agreement

Commission Goal: Quality of Life - Other

Introduction

This is a request for the City Commission to approve the renewal of an annual contract for services agreement with the Ormond Beach Memorial Art Museum.

Background

In 2008, a contract for services agreement was executed between the City of Ormond Beach and the Ormond Beach Memorial Art Museum. The contract has been renewed annually since and remains in effect through September 30, 2022.

Discussion

As per the agreement, the contract may be renewed for additional one-year periods based upon the fiscal calendar of the City. The Ormond Beach Memorial Art Museum has provided excellent service to the City and it is staff's intent to renew the agreement with the Ormond Beach Memorial Art Museum.

Budget Impact

The contract is included in the Fiscal Year 2022-2023 General Fund proposed budget at the current year amount of \$72,960. The annual funding will assist the art museum in providing free admittance seven days per week, and support the free art outreach programs for veterans.

In addition to the proposed budget of \$72,960, City staff maintain the following items at the Ormond Beach Memorial Art Museum:

- Flags- replacement
- Fountain- operational issues, piping issues, pump replacement when required

- Bathrooms- faucets, toilets, drains
- Water bubblers
- Elevator Maintenance Coordination
- Air Conditioning troubleshooting and repairs
- Pest Control
- General repairs- outside faucets, outside plumbing, waterfall troubleshooting
- Gazebo Repairs
- Parking area wall repairs
- Electrical issues- lighting, resets, parking area
- Doors- closers, handles, locks
- Moving furniture
- Pressure washing
- Roof issues when required
- Painting if requested

Yellowstone Landscape also provides landscape and lawn mowing services. The service is performed at 39 visits per year. The service includes irrigation maintenance and repair, fertilization, mulch and detail services.

In-addition to the above services, Yellowstone Landscape blows the Garden paths off 3 times per week, every week (Monday, Wednesday and Friday). Annual costs for all services are \$15,600.

Citizen Impact

The Ormond Beach Memorial Art Museum provides an important service to the community, historically as well as culturally. The various tributes to local war veterans located at the facility are a meaningful feature of the museum. The museum provides year-round art exhibits, classes, and cultural events that are professionally created, organized, and managed by the staff at the Museum.

Recommendation

Staff is recommending that the City Commission approve the renewal of the contract for services agreement with the Ormond Beach Memorial Art Museum for an additional year. The effective date would be October 1, 2022.

Attachments:

- 22-105 Orm Mem Art Museum Agr (P22-0127G)(PDF)
- Ormond Memorial Art Museum Contract (P22-0127G) (PDF)
- Year End Financial Report_OMAM_21-22 (PDF)
- Ormond Beach Memorial Art Service Agreement (PDF)

REVIEWED BY:
Kelly McGuire, Finance Director 8/11/2022
Claire Whitley, Assistant City Manager 8/26/2022**APPROVED BY:**
Joyce A. Shanahan, City Manager 8/29/2022

RESOLUTION NO. 2022-105

A RESOLUTION AUTHORIZING EXECUTION OF A SERVICE AGREEMENT BETWEEN THE CITY AND THE ORMOND MEMORIAL ART MUSEUM, INC.; AUTHORIZING THE EXPENDITURE OF FUNDING; AND SETTING FORTH AN EFFECTIVE DATE.

WHEREAS, the City Commission desires to enter into an agreement with the Ormond Memorial Art Museum, Inc. regarding the activities and functions connected with the maintenance and operation of the museum, and

WHEREAS, the City Manager has certified that the City's \$72,960.00 funding contribution has been appropriated in the General Fund (001) and has not been appropriated for any other purpose, now therefore,

BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF ORMOND BEACH, FLORIDA, THAT:

SECTION ONE. The Mayor and the City Manager are hereby authorized and directed to execute a Service Agreement between the City of Ormond Beach and the Ormond Memorial Art Museum, Inc. regarding the activities and functions connected with the maintenance and operation of the museum, a copy of said Agreement being attached hereto and incorporated herein by reference.

SECTION TWO. This Resolution shall take effect immediately upon its adoption.

APPROVED AND AUTHENTICATED this 7th day of September, 2022.

BILL PARTINGTON
Mayor

ATTEST:

SUSAN CARROLL DAUDERIS
City Clerk

SERVICE AGREEMENT
FOR ORMOND MEMORIAL ART MUSEUM, INC.

THIS AGREEMENT is entered into by and between the **CITY OF ORMOND BEACH** (“CITY”), a Florida municipal corporation, and **ORMOND MEMORIAL ART MUSEUM, INC.** (“MUSEUM”), a Florida non-profit corporation, in consideration of the terms and conditions described as follows.

1. **Recitals.** The parties agree that the foregoing recitals are true and correct and are incorporated herein by reference and are part of this Agreement.

2. **Term.** This Agreement shall be effective on the date it is last signed by the undersigned parties and shall continue in effect through and including September 30, 2023. Thereafter, this Agreement may be renewed for additional one (1) year periods beginning on October 1st and ending on September 30th of the following year.

3. **Responsibilities of the Respective Parties.**

The MUSEUM shall be responsible for the following:

- a) Administering a professional Art Museum, including programs and exhibitions, that shall be open and free to the public Monday through Friday, 10:00 a.m. to 4:00 p.m.; and Saturday and Sunday, 12:00 p.m. to 4:00 p.m. Closed major holidays and between exhibitions.
- b) Hosting multiple pop-up professionally curated Art Exhibitions annually. Each exhibit will last between 30 and 60 days in different locations throughout the City.
- c) Conducting both in person and online educational Art Enrichment Outreach Programs to underserved Ormond Beach population with free family art nights

and free art outreach to veterans, to children at the Boys and Girls Club and to those with medical conditions.

- d) Participating and representing Ormond Beach at Volusia County Cultural Alliance and participate in ECHO Ranger Children's Program.
- e) Offering online art and nature education classes for adults and children, including a summer camp for 2023.
- f) Collaborating and partnering with the City of Ormond Beach and Ormond Beach Main Street to host Art in the Park Art Show, and other community cultural events.
- g) Hosting a Veteran's Day Tribute reception or event annually.
- h) Maintaining an active presence for Ormond Beach and Ormond Memorial Art Museum in the Florida Association of Museums and the American Association of Museums.
- i) Stewarding and professionally maintaining and marketing the Malcolm Fraser collection of paintings.
- j) Maintaining the preservation of the Gardens by providing the labor, material and maintenance for the formal planting of flower beds with annuals, providing change of color with each season as per attached Memorial Gardens Care Plan.
- k) Operating under the Art Museum Advisory Board derived from the Ormond Memorial Art Museum, Inc.
- l) Collecting and disseminating data, providing assistance to City committees, Quality of Life Board, Leisure Services Advisory Board, Ormond Memorial Art Board, and attending various meetings relative to such tasks.

- m) Providing information to the City of Ormond Beach webpage in regards to programming information as it relates to the Ormond Memorial Art Museum and Gardens.
- n) Maintaining an Art Museum Director.
- o) Scheduling and providing rental opportunities for weddings and social functions in the Museum, gazebo and the gardens. The fees charged shall be consistent with the City's Fee Schedule as approved annually. Museum shall be entitled to retain all rental fees collected. It is the Museum's responsibility to ensure that the renting parties execute use agreements, provide insurance, and execute a release of liability and indemnity agreement (requirements are more specifically described in the Ormond Memorial Lease Agreement). The Museum shall permit use of meeting rooms by City staff or officials without charge when such use is for City purposes and does not conflict with another previously scheduled event.

The CITY shall be responsible for the following:

- a) The City shall make an annual contribution to the Ormond Art Museum in the total sum of seventy-two thousand nine hundred sixty and 00/100 (\$72,960.00), payable in quarterly installments of eighteen thousand two hundred forty and 00/100 dollars (\$18,240.00).
- b) The parties shall be responsible for maintenance and repair of the structures and facilities as provided in the Ormond Memorial Art Museum Lease Agreement. Janitorial services shall be provided by the Museum.

- c) The City shall provide regular grounds maintenance services in coordination with the Museum Gardener's duties and as provided in the attached Memorial Gardens Care Plan.
- d) The City shall be responsible for the payment of all electrical and water charges in the Gardens.
- e) Any proposed capital improvements shall be approved by, and at the discretion of, the Ormond Beach City Commission.
- f) The City shall have oversight for the garden memorials, with garden benches and specific plants, donated by local residents as tributes to family members and friends.
- g) The City shall allow Museum non-exclusive use of the grassy area located behind the St. James church as overflow parking. Reservations for use of the overflow parking area must be made with the City's designated representative. The parking area is depicted on Exhibit "A" which is attached hereto and incorporated herein by reference. The Museum shall ensure that its liability insurance policy is updated to reflect insurance coverage for this additional parking lot area.

4. Art Museum Advisory Board. The responsibilities of the parties delineated in this Agreement are consistent with the purpose of the Art Museum Advisory Board set forth in Section 2-219, City of Ormond Beach *Code of Ordinances*.

The City Manager, or designee, and the chairman of the Quality of Life advisory board shall be ex officio voting members of the board of directors of the MUSEUM, in accordance with Section 2-219, *Code of Ordinances*.

5. **Termination of Agreement.** Either party may terminate this Agreement without cause upon giving the other party at least sixty (60) days prior written notice of the intention to terminate this Agreement.

6. **Relationship of Parties.** Neither the CITY (including any of its elected or appointed officers, employees, agents or other representatives) nor MUSEUM (including any of its directors, officers, employees, agents or other representatives) are the employee, agent, or other representative of the other party; and all activity performed by either party pursuant to and in furtherance of this Agreement, whether directly or indirectly related to this Agreement, shall constitute the separate and independent act of the respective party performing said act.

7. **Liability and Indemnification.** MUSEUM shall fully defend, indemnify, save, and hold the CITY (including its elected and appointed officers, employees, agents, and other representatives) harmless from and against all suits, action, claims, proceedings, demands, or liability of any nature whatsoever (including attorney's fees through and including all appeals), arising from injury, loss, or damage to any person or property, which is directly or indirectly caused by or results from any act or negligence of MUSEUM (including its directors, officers, employees, agents and other representatives).

8. **Miscellaneous.** MUSEUM shall:

- a) Obtain and maintain at its sole expense, all applicable licenses, permits and certificates which are necessary to discharge MUSEUM'S duties under this Agreement.
- b) Be solely responsible for paying all costs relative to the discharge of its duties under this Agreement, except as otherwise indicated herein.

- c) Comply with all applicable federal, state, and local laws, rules, and regulations.
- d) Have the option to serve beer, wine and liquor under the following conditions:
 - Any profits of the sale of alcohol at the MUSEUM shall directly benefit MUSEUM operations.
 - The MUSEUM must ensure that the MUSEUM and any vendors comply with state liquor licensing, and all state and local regulations.
 - The MUSEUM shall maintain liquor liability insurance of no less than 1 million per occurrence naming the CITY as an additional insured, and shall require any vendors selling alcohol to provide proof of liquor liability insurance in the same amount.
 - The MUSEUM shall indemnify and hold the CITY harmless from any liability resulting from any personal injury or property damage occurring as a result of any service or sale of alcohol at the MUSEUM.
 - The MUSEUM is ultimately responsible for maintaining appropriate safety and security at any event where alcohol is served or sold. At any event in which alcohol is served, supervision by MUSEUM staff is mandatory.
 - All applications for use of the MUSEUM by third parties shall state whether alcohol will be sold or served.
 - All records of alcohol sales shall be provided by the MUSEUM to the CITY as part of the annual report accounting of the Museum's

revenues from events and operation of concessions as required by the Ormond Memorial Art Museum Lease Agreement

- The City shall have the right to terminate alcohol sales or service at the MUSEUM if any of the above conditions are not met.

9. **Assignment.** Neither this Agreement nor any part thereof may be assigned to any other person or entity without the prior written consent of the City Commission.

10. **Sovereign Immunity.** The CITY expressly retains all rights, privileges, immunities, and benefits of sovereign immunity. This provision shall be construed broadly in favor of the CITY.

11. **Complete Agreement.** The terms of this Service Agreement are incorporated into the Lease of the Ormond Memorial Art Museum and Building effective October 1, 2019, and together, these Agreements constitute the entire and complete agreement by and between the parties.

12. **Amendments.** This Agreement may not be amended unless such changes are reduced to writing, which amendments must be approved by the City Commission, and signed by both parties.

13. **Public Purpose.** The allocation and expenditure of public funds herein provided are intended to serve clearly identifiable and concrete public purposes as the primary objective of this agreement, with a reasonable expectation that such public purposes will be substantially and effectively accomplished, and that the public funds provided herein are not to be used for general functions or purposes of MUSEUM. The parties determine that the use of the public funds are intended to satisfy the “public purpose” principles established in *O’Neill v. Burns*, 198 So.2d 1 (Fla. 1967) and Florida Attorney General Opinion 75-221 (July 24, 1975).

14. Compliance With Florida Public Records Law. MUSEUM expressly agrees that it shall comply with the public records law provided in Florida Statutes, Chapter 119, and specifically to:

(a) Keep and maintain public records that ordinarily and necessarily would be required by the City in order to perform the contracted service.

(b) Provide the public with access to public records on the same terms and conditions that the City would provide the records and at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes, or as otherwise provided by law.

(c) Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law.

(d) Meet all requirements for retaining public records and transfer, at no cost, to the City all public records in possession of the MUSEUM upon termination of the contract and destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. All records stored electronically must be provided to the City in a format that is compatible with the information technology systems of the City.

(e) Failure of MUSEUM to comply with Public Records Law as provided by Florida Statutes, Chapter 119, shall subject the Agreement to termination for cause by the City.

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:

**CITY CLERK
22 SOUTH BEACH STREET
ORMOND BEACH, FLORIDA 32175. (386)677-0311
CITYCLERK@ORMONDBEACH.ORG**

Ref: Fla. Stat. §119.0701(2016)

IN WITNESS WHEREOF, the undersigned parties have caused this Service Agreement to be signed on the dates indicated hereinbelow.

DATE: _____, 2022.

CITY OF ORMOND BEACH

By: _____

BILL PARTINGTON

Mayor

Attest: _____

JOYCE A. SHANAHAN

City Manager

DATE: _____, 2022.

**ORMOND MEMORIAL ART
MUSEUM, INC.**

By: _____

LISA PERRY

President

Attest: _____

STEPHANIE MASON-TEAGUE

Executive Director

Memorial Gardens Care Plan

Mowing Contract (City of Ormond Beach)

39 visits per year – once weekly in summer, once every two weeks in winter

Services provided:

Mow grass

Edge grass

Weed eat grass

Blow off parking lot & paths

Mulch once per year

Fertilize grass

Parks Maintenance Duties (City of Ormond Beach):

Blow off paths two times per week

Maintain & repair hardscape elements as needed

Repair major irrigation problems

Museum Gardener

Funding: City of Ormond Beach \$11,640 (included in annual contribution); \$10,385 OMAM

Duties:

Plant, maintain, weed & fertilize flower beds

Prune shrubs

Weed shrubs

Clean up storm debris & litter

Other (currently being done by Museum Gardener):

Remove underbrush & dead plant material

Prune overgrowth

Edge & prune paths

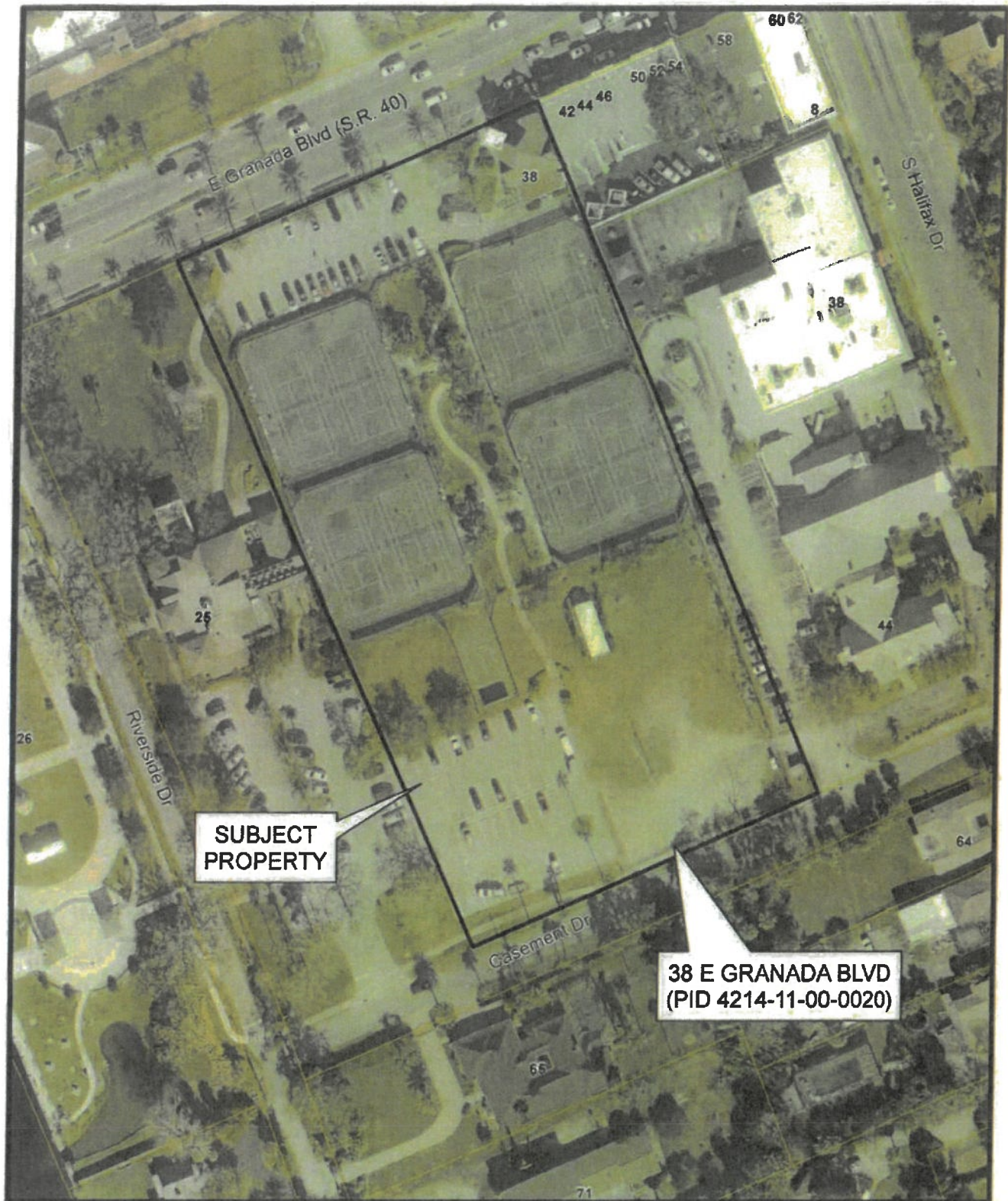
Prune around ponds

Clean out 4 ponds weekly

Monitor pumps on ponds, keep aerators clean & make minor repairs

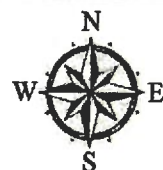
Monitor irrigation

(pruning & weeding debris averages 190 cubic yards a year)



**LOCATION MAP
38 EAST GRANADA BOULEVARD
(PARCEL ID 4214-11-00-0020)**

Prepared By: The City of Ormond Beach
G.I.S. Department - September 16, 2021



1 inch = 100 feet

Ormond Memorial Art Museum & Gardens Year End Financial Report

Fiscal Year: October 1, 2021 – September 30, 2022

NOTES:

The report below covers the nearly 8 months the Museum building was under construction and staff and programs were operating out of offices located at the St. James Church. On May 16, 2022, the new building opened to the public. Since that time, we have been able to generate onsite revenue and have seen an increase in membership support. The building expenses shown below are just a portion of the expected annual costs, reflecting the utilities costs since opening.

REPORT:

		<u>Oct 1, '21 - Aug 19, 22</u>
Ordinary Income/Expense		
Income		
Group Tours		
Museum Group Tours		18.00
Garden Group Tours		18.00
Total Group Tours		36.00
Bar Sales		343.64
Contributions		
4280 · Corporate Contributions		1,320.00
4730 · Exhibition Sponsor		2,000.00
4310 · Foundation Contributions		23,389.73
Fundraising		
4055 · Excess from Major Sponsors	Major Sponsors	4,180.00
4056 · Annual Appeal		25.00
4770 · Art in the Garden		
	Art in the Garden Nov 2021	24,278.28
	4771 · Sponsonship	73,950.00
	4772 · Donation	0.00
	4773 · Ticket	875.00
	4774 · Dessert	24,104.00
	4775 · Auction	24,533.00
	4770 · Art in the Garden - Other	915.00
Total 4770 · Art in the Garden		148,655.28
4790 · Art in the Park		7,775.00
Total Fundraising		160,635.28
4793 · Individual Contributions		5,153.61

Total Contributions	192,498.62
Grants	
State of Florida	24,856.00
City of Ormond Beach Grant	72,960.00
County Grant	26,009.00
Total Grants	123,825.00
Revenue	
4000 · Tuition	16,692.48
4040 · Summer Camp	5,165.00
4060 · Admission	5,862.38
4070 · Rental Income	2,352.35
4080 · Membership	32,890.00
4300 · Fraser Trust Income	71.47
Total Revenue	63,033.68
Sales	
Art Sales	90.00
Gift Shop Sales	412.99
Total Sales	502.99
Total Income	380,239.93
Cost of Goods Sold	
Cost of Goods Sold	
Bar Purchases	321.65
Gift Shop	624.57
Total Cost of Goods Sold	946.22
Total COGS	946.22
Gross Profit	379,293.71
Expense	
Administrative	
Rental Events	1,310.52
Gift Shop Supplies	100.00
Onboarding Expense	147.63
Advertising/Mkt/Newsletter	3,027.31
Dues & Subscriptions	1,670.75
Insurance	
Liability	3,337.66
Workers Comp	374.27
Total Insurance	3,711.93
Professional Develoment	22.38
Taxes & Licenses	946.25
Total Administrative	10,936.77
Fundraising	
Art in the Garden	

Art in the Garden nov '21	8,223.21
Art in the Garden - Other	22,794.98
Total Art in the Garden	31,018.19
Art in The Park	7,825.00
Donor Appreciation	1,162.49
Grant Research & Preparation	26.35
Total Fundraising	40,032.03
Gen & Admin Bldg Utils & Maint	*Partial Year: open 5/16/22
Garden	1,596.21
City Utilities	1,431.00
FPL	9,723.89
Janitorial	2,031.46
Maintenance & Supplies	2,369.13
Pest Control	80.00
Phone	2,356.72
Repair & Upgrades	495.00
Security System	2,447.00
Total Gen & Admin Bldg Utils & Maint	22,530.41
Office Expenses	
Office Equipment	4,279.97
Office Supplies	2,981.34
Online Svcs/Software/Website	7,174.30
Postage	1,145.08
Total Office Expenses	15,580.69
Outside Fees	
Neon Online fees	5,318.35
Stripe Online Fees	1,871.34
PayPal Sevice Charges	17.18
Accounting	3,300.00
Artistic Contractors	6,546.51
Bank Charges	32.86
Bookkeeping	2,787.57
Merchant fees	155.02
Other Professional Support	3,036.00
Total Outside Fees	23,064.83
Over/short	-23.00
Program Services	
Volunteers	24.99
Art of Healing	18.99
VA Program	225.00
Family Art Night	565.73
Art Camp	2,506.33

Educational Supplies	796.32
Exhibition Hard Costs	2,309.25
Exhibition Marketing Costs	684.50
Exhibition Reception Costs	1,155.97
Program Services - Other	50.00
Total Program Services	8,337.08
Rent Expense	880.60
Salaries, Wages & Benefits	
Employee Incentives	1,260.44
Employee Health Ins Benefits	5,162.50
Direct Deposit Fee	310.14
Payroll Taxes	
FL Unemployment	49.52
Medicare	2,907.57
Social Security	12,432.39
Total Payroll Taxes	15,389.48
Salaries - Administrative	114,396.98
Salaries - Artistic	84,865.02
Total Salaries, Wages & Benefits	221,384.56
uncategorized	306.18
Total Expense	343,030.15
Net Ordinary Income	36,263.56

RESOLUTION NO. 2021-159

A RESOLUTION AUTHORIZING EXECUTION OF A SERVICE AGREEMENT BETWEEN THE CITY AND THE ORMOND MEMORIAL ART MUSEUM, INC.; AUTHORIZING THE EXPENDITURE OF FUNDING; AND SETTING FORTH AN EFFECTIVE DATE.

WHEREAS, the City Commission desires to enter into an agreement with the Ormond Memorial Art Museum, Inc. regarding the activities and functions connected with the maintenance and operation of the museum, and

WHEREAS, the City Manager has certified that the City's \$72,960.00 funding contribution has been appropriated in the General Fund (001) and has not been appropriated for any other purpose, now therefore,

BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF ORMOND BEACH, FLORIDA, THAT:

SECTION ONE. The Mayor and the City Manager are hereby authorized and directed to execute a Service Agreement between the City of Ormond Beach and the Ormond Memorial Art Museum, Inc. regarding the activities and functions connected with the maintenance and operation of the museum, a copy of said Agreement being attached hereto and incorporated herein by reference.

SECTION TWO. This Resolution shall take effect immediately upon its adoption.

APPROVED AND AUTHENTICATED this 5th day of October, 2021.


BILL PARTINGTON
Mayor

ATTEST:


SUSAN CARROLL DAUDERIS
City Clerk

SERVICE AGREEMENT
FOR ORMOND MEMORIAL ART MUSEUM, INC.

THIS AGREEMENT is entered into by and between the **CITY OF ORMOND BEACH** (“CITY”), a Florida municipal corporation, and **ORMOND MEMORIAL ART MUSEUM, INC.** (“MUSEUM”), a Florida non-profit corporation, in consideration of the terms and conditions described as follows.

1. **Recitals.** The parties agree that the foregoing recitals are true and correct and are incorporated herein by reference and are part of this Agreement.

2. **Term.** This Agreement shall be effective on the date it is last signed by the undersigned parties and shall continue in effect through and including September 30, 2022. Thereafter, this Agreement may be renewed for additional one (1) year periods beginning on October 1st and ending on September 30th of the following year.

3. **Responsibilities of the Respective Parties.**

The MUSEUM shall be responsible for the following:

- a) Administering a professional Art Museum, including programs and exhibitions, that shall be open and free to the public Monday through Friday, 10:00 a.m. to 4:00 p.m.; and Saturday and Sunday, 12:00 p.m. to 4:00 p.m. Closed major holidays and between exhibitions. **The Museum will be temporarily closed for renovations until approximately March 2022.**
- b) Hosting multiple pop-up professionally curated Art Exhibitions annually. Each exhibit will last between 30 and 60 days in different locations throughout the City.
- c) Conducting both in person and online educational Art Enrichment Outreach Programs to underserved Ormond Beach population with free family art nights

and free art outreach to veterans, to children at the Boys and Girls Club and to those with medical conditions. Programs may be moved to various on-site locations throughout the City as health conditions allow.

- d) Participating and representing Ormond Beach at Volusia County Cultural Alliance and participate in ECHO Ranger Children's Program.
- e) Offering online art and nature education classes for adults and children, including a summer camp for 2022. Classes may be moved to various off-site locations throughout the City or online as health conditions allow.
- f) Collaborating and partnering with the City of Ormond Beach and Ormond Beach Main Street to host Art in the Park Art Show, and other community cultural events as health conditions allow.
- g) Hosting a Veteran's Day Tribute reception or event annually.
- h) Maintaining an active presence for Ormond Beach and Ormond Memorial Art Museum in the Florida Association of Museums and the American Association of Museums.
- i) Stewarding and professionally maintaining and marketing the Malcolm Fraser collection of paintings.
- j) Maintaining the preservation of the Gardens by providing the labor, material and maintenance for the formal planting of flower beds with annuals, providing change of color with each season as per attached Memorial Gardens Care Plan.
- k) Operating under the Art Museum Advisory Board derived from the Ormond Memorial Art Museum, Inc.

- l) Collecting and disseminating data, providing assistance to City committees, Quality of Life Board, Leisure Services Advisory Board, Ormond Memorial Art Board, and attending various meetings relative to such tasks.
- m) Providing information to the City of Ormond Beach webpage in regards to programming information as it relates to the Ormond Memorial Art Museum and Gardens.
- n) Maintaining an Art Museum Director.
- o) Scheduling and providing rental opportunities for weddings and social functions in the Museum, gazebo and the gardens. The fees charged shall be consistent with the City's Fee Schedule as approved annually. Museum shall be entitled to retain all rental fees collected. It is the Museum's responsibility to ensure that the renting parties execute use agreements, provide insurance, and execute a release of liability and indemnity agreement (requirements are more specifically described in the Ormond Memorial Lease Agreement). The Museum shall permit use of meeting rooms by City staff or officials without charge when such use is for City purposes and does not conflict with another previously scheduled event.

The CITY shall be responsible for the following:

- a) The City shall make an annual contribution to the Ormond Art Museum in the total sum of seventy-two thousand nine hundred sixty and 00/100 (\$72,960.00), payable in quarterly installments of eighteen thousand two hundred forty and 00/100 dollars (\$18,240.00).

- b) The parties shall be responsible for maintenance and repair of the structures and facilities as provided in the Ormond Memorial Art Museum Lease Agreement. Janitorial services shall be provided by the Museum.
- c) The City shall provide regular grounds maintenance services in coordination with the Museum Gardener's duties and as provided in the attached Memorial Gardens Care Plan.
- d) The City shall be responsible for the payment of all electrical and water charges in the Gardens.
- e) Any proposed capital improvements shall be approved by, and at the discretion of, the Ormond Beach City Commission.
- f) The City shall have oversight for the garden memorials, with garden benches and specific plants, donated by local residents as tributes to family members and friends.
- g) The City shall allow Museum non-exclusive use of the grassy area located behind the St. James church as overflow parking. Reservations for use of the overflow parking area must be made with the City's designated representative. The parking area is depicted on Exhibit "A" which is attached hereto and incorporated herein by reference. The Museum shall ensure that its liability insurance policy is updated to reflect insurance coverage for this additional parking lot area.

4. **Art Museum Advisory Board.** The responsibilities of the parties delineated in this Agreement are consistent with the purpose of the Art Museum Advisory Board set forth in Section 2-219, City of Ormond Beach *Code of Ordinances*.

The City Manager, or designee, and the chairman of the Quality of Life advisory board shall be ex officio voting members of the board of directors of the MUSEUM, in accordance with Section 2-219, *Code of Ordinances*.

5. **Termination of Agreement.** Either party may terminate this Agreement without cause upon giving the other party at least sixty (60) days prior written notice of the intention to terminate this Agreement.

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- a) Obtain and maintain at its sole expense, all applicable licenses, permits and certificates which are necessary to discharge MUSEUM'S duties under this Agreement.

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(d) Meet all requirements for retaining public records and transfer, at no cost, to the City all public records in possession of the MUSEUM upon termination of the contract and destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. All records stored electronically must be provided to the City in a format that is compatible with the information technology systems of the City.

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ORMOND BEACH, FLORIDA 32175. (386)677-0311
CITYCLERK@ORMONDBEACH.ORG**

Ref: Fla. Stat. §119.0701(2016)

IN WITNESS WHEREOF, the undersigned parties have caused this Service Agreement to be signed on the dates indicated hereinbelow.

DATED this 5 day of October, 2021.

CITY OF ORMOND BEACH

Witnesses:

Wendy Hontz

Print: Wendy Hontz

S. Dauderis

Print: Susane Dauderis

By:

Bill Partington
BILL PARTINGTON
 Mayor



Attest:

Joyce A. Shanahan
JOYCE A. SHANAHAN
 City Manager

DATED this ____ day _____, 2021.

Witnesses:

ORMOND MEMORIAL ART MUSEUM, INC.

[Signature]

Print: 10-10-2021

By:

Nancy Lohman
NANCY LOHMAN
 President, Immediate Past

Michelle Davidson

Print: Michelle Davidson

Attest:

Susan Richmond
SUSAN RICHMOND
 Museum Director

Memorial Gardens Care Plan

Mowing Contract (City of Ormond Beach)

39 visits per year – once weekly in summer, once every two weeks in winter

Services provided:

Mow grass

Edge grass

Weed eat grass

Blow off parking lot & paths

Mulch once per year

Fertilize grass

Parks Maintenance Duties (City of Ormond Beach):

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Maintain & repair hardscape elements as needed

Repair major irrigation problems

Museum Gardener Duties:

(Funding: City of Ormond Beach \$11,640, \$10,385 OMAM)

Plant, maintain, weed & fertilize flower beds

Prune shrubs

Weed shrubs

Clean up storm debris & litter

Other (currently being done by Museum Gardener):

Remove underbrush & dead plant material

Prune overgrowth

Edge & prune paths

Prune around ponds

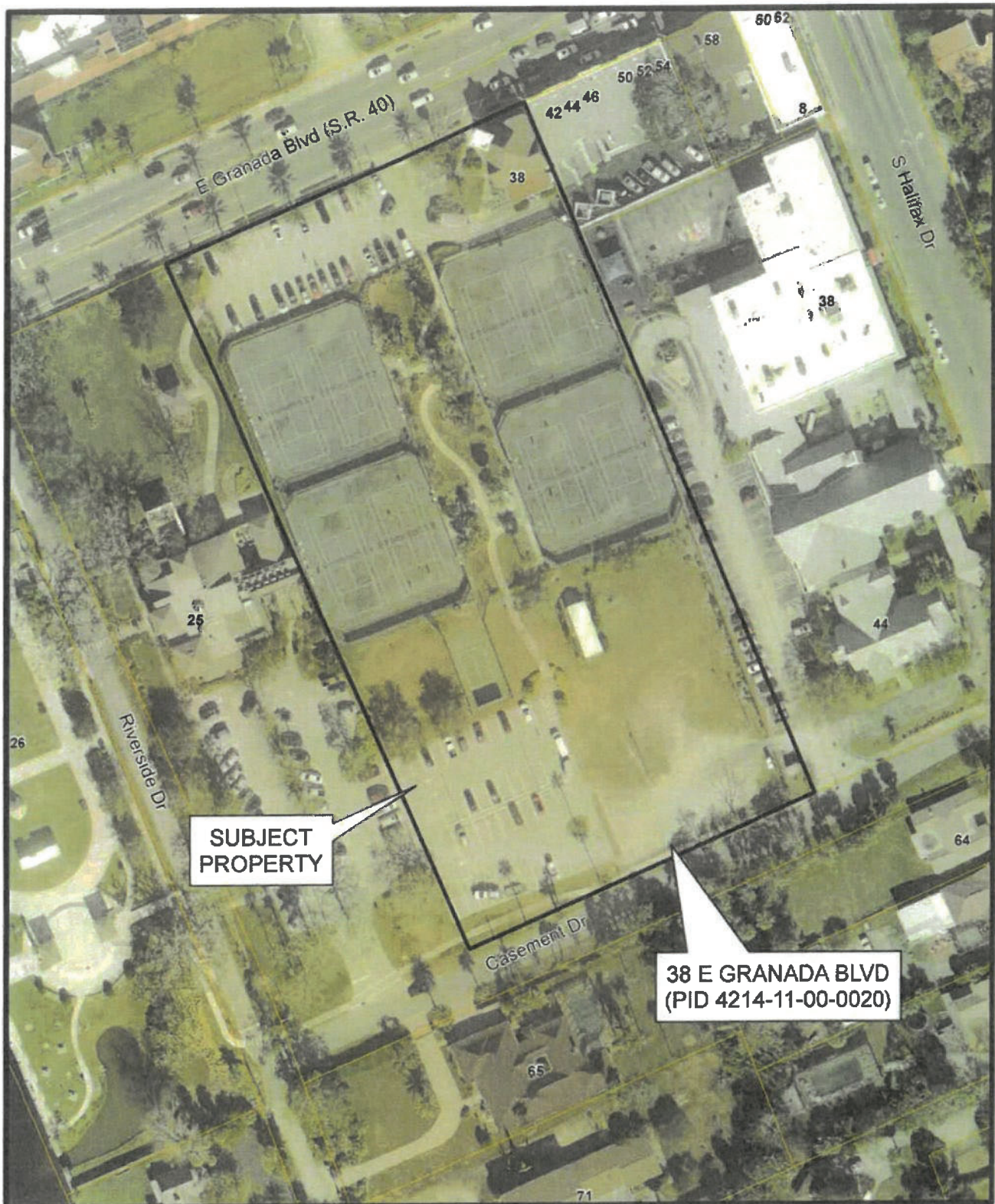
Clean out 4 ponds weekly

Monitor pumps on ponds, keep aerators clean & make minor repairs

Monitor irrigation

(pruning & weeding debris averages 190 cubic yards a year)

Exhibit "A"



LOCATION MAP
38 EAST GRANADA BOULEVARD
(PARCEL ID 4214-11-00-0020)

Prepared By: The City of Ormond Beach
 G.I.S. Department - September 16, 2021



1 inch = 100 feet



CITY OF ORMOND BEACH

City Manager • 22 S. Beach Street • Ormond Beach • Florida • 32174 • (386) 676-3200 • Fax (386) 676-3384

CITY MANAGER MEMORANDUM

To: The Honorable Mayor Partington and City Commissioners

Through: Joyce A. Shanahan, City Manager

From: Alex Schumann, City Engineer

Date: September 7, 2022

Subject: Construction Management at Risk Services Contract Award

Commission Goal: Governance - Other

Introduction

This is a request to approve continuing contracts for construction management at risk (CM@Risk) services to six contractors, each for a term of five years.

Background

On May 3, 2022, the City Commission approved a disposition item to advertise a Request for Qualifications (RFQ) for CM@Risk services. On June 7, 2022, six proposals were received. On July 12, 2022, a ranking committee consisting of the Public Works Director, City Engineer, and Civil Engineer met and ranked the proposals. Based on the rankings (attached), and in accordance with the RFQ, it is being recommended that all six firms be awarded a construction management at risk contract. The firms are:

Auld & White Constructors, LLC - Jacksonville, FL
A.M. Weigel Construction - Daytona Beach, FL
Bomar Construction - Ormond Beach, FL
Coleman Goodemote Construction Company, Inc - Daytona Beach, FL
Hall Construction Company - Daytona Beach, FL
Paul Culver Construction, Inc - Daytona Beach, FL

Discussion

The CM@Risk process is an open book contract that allows the City to see all final payments to subcontractors and allows the City to receive all cost savings that may be incurred with subcontractors through the course of a construction project. Staff and the construction manager (CM) meet at the end of a job and review all the costs and savings prior to issuance of final payments. This process does not occur through the open bid general contractor process. Many times, subcontractor savings go unreported with the contractor receiving the benefit, as opposed to those savings benefiting the City.

Other advantages of utilizing the CM@ Risk process for city projects are:

- 1) Lower design cost - Fees charged by engineers and architects are often reduced through savings incurred by in the preparation of bid documents for open hard bidding plus extra management time for dealing with low bidder issues.
- 2) Shorter project delivery time - subcontractors are bidding concurrent with final design and permitting.
- 3) Higher quality, better long-term value - the contract manager acts as an extension of the City staff and has the best long-term interest of the City in mind.
- 4) Conduit of very useful information and advice - from trade subcontractors, material suppliers and manufacturers, the contract manager is able to work with staff to develop the best approach for the project and at the same time optimize the costs.
- 5) Provide GC expertise - consultation to help with all types of construction decision making before, during, and after construction completion.
- 6) Competitive bidding - CM solicits bids of trade subcontractors just as a general contractor does during the open bid process.
- 7) Increased use of local trade subcontractors - subcontractor participation is geared toward local firms.
- 8) Owner flexibility - decisions and changes can be made at all stages of the project without having change orders or settling for less than expected quality.

The construction management contract establishes pre-construction and construction phase services. The pre-construction services will be performed for a fixed fee per the issuance of a work authorization. At the conclusion of the pre-construction phase services, the contractor will provide a Guaranteed Maximum Price for the construction of the project, and will proceed with construction of the project, also per the issuance of a work authorization. The terms of the contract are for a period of five (5) years. Attached is a copy of the contract document.

Projects over \$25,000 always come back to the City Commission for approval.

Budget Impact

These firms will be utilized, as appropriate and for projects to provide services in conjunction with projects outlined in the approved Capital Improvement Plan (CIP) and annual budget.

Citizen Impact

With the CM@Risk process, the construction timeline can be reduced thereby reducing impacts from construction to the general public. Potential increased cost savings are a benefit to reducing taxpayer money expenditures for CIP projects.

Recommendation

Staff requests the City Commission's approval of the continuing contracts to the six construction management firms.

Attachments:

- 22-106 Constr Mgmt At Risk award (P22-0128G) (PDF)
- Exh A - RFQ 2022-17 Construction Management at Risk (PDF)
- Exh B - Const Mgmt Continuing Contract 2022 (PDF)
- RFQ 2022-17 Signed Evaluation Summary (PDF)

REVIEWED BY:


Kelly McGuire, Finance Director 8/11/2022


Claire Whitley, Assistant City Manager 8/26/2022

APPROVED BY:


Joyce A. Shanahan, City Manager 8/29/2022

RESOLUTION NO. 2022-106

A RESOLUTION ACCEPTING PROPOSALS AND AUTHORIZING THE EXECUTION OF CONTINUING CONTRACTS WITH SIX PROFESSIONAL SERVICES FIRMS FOR CONSTRUCTION MANAGEMENT AT RISK SERVICES, UNDER RFQ 2022-17; AND SETTING FORTH AN EFFECTIVE DATE.

WHEREAS, the City advertised a Request for Qualifications (RFQ No. 2022-17) for construction management at risk services relative to various projects throughout the City (“the Project”) (*a copy of the form of RFQ No. 2022-17 is attached hereto as Exhibit “A” and is incorporated herein by reference*), and

WHEREAS, the City's professional staff have reviewed the proposals received and have negotiated continuing contracts with six (6) firms to provide the aforementioned professional services, and

WHEREAS, the City Commission concurs with the foregoing recommendations, now therefore,

BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF ORMOND BEACH, FLORIDA, THAT:

SECTION ONE. The City Commission hereby approves the generic form of the continuing contract for construction management at risk services relative to various projects throughout the City. *A copy of the form of the contract is attached hereto as Exhibit “B” and is incorporated herein by reference.*

SECTION TWO. The Mayor and the City Manager are hereby authorized and directed to execute continuing contracts for the aforescribed professional services with the following firms:

- 1) Auld & White Constructors, LLC
- 2) A.M. Weigel Construction, Inc.
- 3) Bomar Construction, Inc.
- 4) Coleman Goodemote Construction Company, Inc.
- 5) Hall Construction Co., Inc.
- 6) Paul Culver Construction, Inc.

A copy of each firm's proposal is available for review at the City Clerk's office.

SECTION THREE. This Resolution shall take effect immediately upon its adoption.

APPROVED AND AUTHENTICATED this 7th day of September, 2022.

BILL PARTINGTON
Mayor

ATTEST:

SUSAN CARROLL DAUDERIS
City Clerk



City of Ormond Beach

22 South Beach Street
Ormond Beach, Florida 32174
Telephone (386) 676-3223
Fax (386) 676-3374

REQUEST FOR QUALIFICATIONS PROPOSER ACKNOWLEDGEMENT FORM

THIS PAGE MUST BE COMPLETED AND RETURNED WITH YOUR PROPOSAL

RFQ TITLE: **Construction Management at Risk Services**
RFQ NUMBER: **2022-17**
RFQ DUE DATE & TIME: **Tuesday, June 7, 2022 at 2:30 PM**
RFQ OPENING LOCATION: **City Hall Training Room**
PRE-PROPOSAL MEETING: **Wednesday, May 25, 2022 at 3:00 PM**
City Hall Training Room

Proposals Received After The Above Date And Time Will Not Be Accepted.

PROPOSER/FIRM NAME: _____

PROPOSER'S MAILING ADDRESS: _____

CITY-STATE-ZIP: _____

F.E.I.N.: _____

PHONE NUMBER: _____

EMAIL: _____

If returning as a "No Proposal", please state reason (s):

RFQ RESPONSE FORM

The undersigned SUBMITTER agrees, if this Proposal is accepted, to enter into a Contract with the CITY that reflects the items of this Request for Qualifications (RFQ) and to provide all services, as specified or indicated in the RFQ Documents, in full accordance with the terms and conditions set forth therein.

SUBMITTER has examined all of the RFQ Documents and of the following Addenda, receipt of which is hereby acknowledged.:

<u>Addendum Date</u>	<u>Addendum Number</u>
_____	_____
_____	_____
_____	_____

This Submittal is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; SUBMITTER has not directly or indirectly induced or solicited any other Submitter to submit a false or sham Submittal; SUBMITTER has not solicited or induced any person, firm or a corporation to refrain from bidding; and SUBMITTER has not sought by collusion to obtain for himself any advantage over any other Bidder or over the CITY.

THIS RESPONSE IS SUBMITTED BY:

FIRM NAME: _____

FIRM'S PROFESSIONAL LICENSE NUMBER: _____

SUBMITTER'S NAME: _____
(Typed or Printed)

TITLE: _____

AUTHORIZED SIGNATURE: I, _____
hereby declare that I have read and fully understand the RFQ Documents, including the General Conditions and the Scope of Work, and that I am duly authorized to sign and submit this Proposal.

The CITY reserves the right to reject any and all Submittals, to waive informalities, and to accept any Submittal or parts thereof as the CITY, in its sole discretion, determines to be in the best interest of the CITY.

***OMISSION OF A SIGNATURE ON THIS PAGE
MAY RESULT IN REJECTION OF YOUR PROPOSAL.***

GENERAL CONDITIONS

PUBLIC ENTITY CRIMES: A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a Bid or Proposal on a contract to provide any goods or services to a public entity, may not submit a Bid or Proposal on a contract with a public entity for the construction or repair of a public building or public work, may not submit Bids or Proposals on leases or real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

DISCRIMINATION: Pursuant to Section 287.134(2)(a), Florida Statutes, an entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid or proposal on a contract to provide any goods or services to a public entity, may not submit a bid or proposal on a contract with a public entity for the construction or repair of a public building or public work, may not submit bid or proposal on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity.

NON-CONFIDENTIALITY OF BIDS AND/OR PROPOSALS/PUBLIC RECORDS: The City of Ormond Beach cannot and does not warrant the confidentiality of any information submitted in response to this solicitation. Florida law provides that municipal records shall at all times be open for personal inspection by any person, Section 119.01, F.S., The Public Records Law. Information and materials received by the City of Ormond Beach in connection with all Proposers' response shall be deemed to be public records subject to public inspection upon award, recommendation for award, or 30 days after bid/proposal opening, whichever occurs first. Section 119.071, F.S.

DISTRIBUTION OF BIDS AND RFP/RFQ: The City uses the services of DemandStar (www.demandstar.com) to distribute its bids and RFP/RFQ's on-line on the Internet. If you have received a copy of this RFQ from any source other than DemandStar, please be aware that you may not have received the latest version of the RFQ or any related addendums.

SUBMISSION OF PROPOSALS: All Proposals shall be submitted in a sealed envelope. The Request for Qualifications (RFQ) number, title, and opening date shall be clearly displayed on the outside of the sealed envelope. The delivery of said Proposal to the Purchasing Office on or before the specified opening date and time is solely and strictly the responsibility of the Proposer. Any Proposal received by the Purchasing Office after the specified date and time will not be accepted. Proposals must be submitted on forms provided by the City. No other forms will be accepted. No Proposal may be modified after opening. No Proposal may be withdrawn after opening for a period of ninety (90) days unless otherwise specified.

EXECUTION OF RFQ: Proposal must contain a manual signature of authorized representative in the space(s) provided. Proposals must be typed or printed in ink. Use of erasable ink is not permitted. All corrections made by Proposer to any Proposal entry must be initialed. The company name and Federal Employer Identification Number (F.E.I.N.) shall appear in the space(s) provided.

RFQ OPENING: Proposals shall be opened at the time, date and place specified in the RFQ, and the name of the Proposer shall be read aloud publicly. No discussion of the submittals will occur.

RFQ TABULATION: Any Proposer wishing to receive a copy of the RFQ tabulation is required to enclose a stamped, self-addressed envelope with their Proposal. The RFQ tabulation will be posted on DemandStar.com.

CLARIFICATION/CORRECTION OF RFQ ENTRY: The City of Ormond Beach reserves the right to allow for the clarification of questionable entries and for the correction of obvious mistakes.

INTERPRETATION: Any questions concerning conditions and specifications shall be directed to the City's Purchasing Coordinator. Those interpretations which may affect the eventual outcome of this Proposal will be furnished in writing to all prospective Proposers. No interpretation shall be considered binding unless provided in writing by the City of Ormond Beach.

MINORITY POLICIES: The City of Ormond Beach, Florida, encourages the full participation of Disadvantaged and Women Business Enterprises (D&WBE) in the provision of goods and services.

ADDITIONAL TERMS AND CONDITIONS: The City of Ormond Beach reserves the right to reject Proposals containing any additional terms or conditions not specifically requested in the original conditions and specifications.

TAXES: The City of Ormond Beach is exempt from Federal Excise Taxes and all sales taxes.

ASSIGNMENT: Any purchase order or contract issued pursuant to an RFQ and the monies which may become due thereunder are not assignable except with the prior written approval of the City Manager or City Commission, whichever authorized the purchase order or contract.

LIABILITY: The vendor shall hold and save the City of Ormond Beach, its officers, agents, and employees harmless against claims by third parties resulting from the vendor's or supplier's breach of contract or negligence, including all attorney's fees and costs, and shall pay any and all damages, fees, and costs assessed on behalf of the City. The City expressly reserves all rights, privileges and benefits of sovereign immunity.

AWARDS: The City reserves the right, in its sole discretion, as the best interest of the City may require, to make award(s) by individual item, group of items, all or none, or a

combination thereof; on a geographical basis and/or with one or more vendors or contractors; or to reject any and all Proposals or waive any minor irregularity or technicality in the Proposals received.

OTHER AGENCIES: All Bidder(s) awarded contracts from this bid or proposal may, permit any municipality or other government agency to participate in the contract under the same prices, terms, and conditions, if agreed to by both parties.

It is understood that at no time will any city, municipality, or other agency be obligated for placing an order for any other city, municipality, or agency: nor will any city, municipality, or agency be obligated for any bills incurred by any other city, municipality, or agency. Further, it is understood that each agency will issue its own purchase orders to the awarded bidder(s).

TERMS AND CONDITIONS:

- A. The City of Ormond Beach reserves the right without prejudice to reject any or all proposals, to request clarification of information submitted, and to request additional information of one or more proposers.
- B. The City reserves the right to award the contract to the next most qualified firm if the successful firm fails to execute a contract within two weeks after the award of the contract by the City Commission.
- C. In accordance with federal, State, and local regulations, the firm shall not discriminate under the contract against any person.
- D. The firm shall not assign or transfer any interest in the contract without prior approval of the City Commission.
- E. The City reserves the right to terminate the contract at any time due to the vendor's default under terms of agreement.
- F. Submission of a proposal indicates acceptance by the firm of the conditions contained in this Request for Qualifications unless clearly and specifically noted in the proposal submitted, and confirmed in the contract between the City of Ormond Beach and the selected firm.

COMPLIANCE WITH FLORIDA PUBLIC RECORDS LAW

Contractor expressly agrees that it shall comply with the public records law provided in Florida Statutes, Chapter 119, and specifically to:

- (a) Keep and maintain public records required by the City to perform the contracted service.
- (b) Upon request from the City Clerk, provide the City with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes, or as otherwise provided by law.
- (c) Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract if the contractor does not transfer the records to the City.
- (d) Upon completion of the contract transfer, at no cost to the City, all public records in possession of the contractor or keep and maintain public records required by the City to perform the service. If the contractor transfers all public records to the City upon completion of the contract, the contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the contractor keeps and maintains public records upon the completion of the contract, the contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the City, upon request from the City Clerk, in a format that is compatible with the information technology systems of the City.
- (e) Failure of the Contractor to comply with Public Records Law as provided by Florida Statutes, Chapter 119, shall subject the Contractor to penalties under Chapter 119.10 and subject this Agreement to termination for cause by the City.

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:

**CITY CLERK
22 SOUTH BEACH STREET
ORMOND BEACH, FLORIDA 32174 (386) 677-0311
CITYCLERK@ORMONDBEACH.ORG**

Ref: Fla. Stat. §119.0701(2016)

THE CITY OF ORMOND BEACH RESERVES THE RIGHT TO REJECT ANY OR ALL PROPOSALS, AND TO WAIVE INFORMALITIES, AS MAY BE DEEMED TO BE IN THE BEST INTEREST OF THE CITY.
--

STATEMENT OF PURPOSE

The City of Ormond Beach, in compliance and in accordance with the provisions of the Consultants Competitive Negotiation Act, Section 287.055, Florida Statutes, and Section 287.057, Procurement of Contractual Services, Florida Statutes, is seeking qualified firms or individuals to provide Construction Management at Risk services for the City on a continuing contract basis. The method of compensation is a Negotiated Fee with a Guaranteed Maximum. It is anticipated that a maximum of 4 firms will be selected.

SCHEDULE OF PROPOSAL

May 8, 2022	Advertisement
May 25, 2022 at 3:00 PM	Non-mandatory pre-proposal meeting City Hall Training Room, 22 South Beach Street
May 31, 2022 at 3:00 PM	Last Day for Questions
June 7, 2022, 2:30 PM	Proposals Due - one (1) signed original of the complete proposal packet along with one (1) fully complete electronic file in pdf format on either a CD or thumb drive. Both versions must be in the sealed envelope. Submit proposals to the Purchasing Coordinator, Room 101, City Hall, 22 South Beach Street, Ormond Beach, FL 32174
June 13 - 17, 2022	Proposal Rankings
July 19, 2022	City Commission Approval of contracts

TERM OF AGREEMENT

The agreement shall become effective upon execution of a contract and approval of the contract by the City Commission. It is anticipated that the contract shall provide for a term of 5 years.

GENERAL INSTRUCTIONS

- **Inquiries:** Technical questions may arise as firms are preparing their proposals. City will accept written inquiries regarding this RFQ until five (5) working days prior to the RFQ due date. Questions received after that time will not be responded to. Answers to questions that warrant attention of all the potential proposers will be distributed in the form of an addendum. Please direct written inquiries to:

Rob Hart
 Purchasing Coordinator
 22 South Beach Street
 Ormond Beach, Florida 32174
 Telephone: (386) 676-3223 e-mail: rob.hart@ormondbeach.org

The last day to submit questions is May 31, 2022 at 3:00pm.

- **Signature Requirements:** Proposals must be signed by a duly authorized officer(s) of the proposing firm. Consortiums, joint ventures, or teams submitting proposals, although permitted and encouraged, will not be considered responsive unless it is established that all contractual responsibility rests solely with one firm or legal entity which shall not be a subsidiary or affiliate with limited resources. Each proposal shall indicate the entity responsible for execution on behalf of the proposal team.
- **Proposal Delivery:** Submit one (1) unbound original of the complete proposal packet along with one (1) fully complete electronic file in pdf format on either a CD or thumb drive, no later than June 7, 2022, 2:30 PM. Submit proposals to the Purchasing Coordinator, Room 101, City Hall, 22 South Beach Street, Ormond Beach, FL 32174. Proposals shall be in a sealed envelope with the RFQ title and number plainly marked on the outside of the delivery envelope or package. It is the sole responsibility of the submitter to ensure that the Proposal is delivered on or before the specified date and time. Late submittals will not be accepted.
- **Addenda and Supplements to the Request for Qualifications (RFQ):** In the event that it becomes necessary to revise any part of this RFQ, or if additional information is necessary to enable the proposing firm to make an adequate interpretation of the provisions of this RFQ, an Addendum will be issued and provided to each firm that has requested a copy of this document.
- **Rejection Rights:** The City of Ormond Beach reserves the right, at any time, to modify, waive or otherwise vary the terms and conditions of this RFQ including, but not limited to, the deadlines for submission and submission requirements. The City further reserves the right to reject any or all submittals, to cancel or withdraw this RFQ at any time, and to negotiate with any party prior to or after submittal of proposals.

Selection is also dependent upon the negotiation of a mutually acceptable contract with the successful proposers.

- Cost of Proposal Preparation: No reimbursement will be made by the City of Ormond Beach for any costs incurred in the preparation of the proposal or presentation.
- Proposals to be in Effect: Each proposal shall state that it is valid for a period of not less than 90 days from date of receipt.

SELECTION OF CONSTRUCTION MANAGEMENT AT RISK FIRM

Professional Qualifications: Any firm or individual experienced and authorized to do business in the State of Florida is invited to submit a qualifications packet. The CM must possess professional service registrations and construction licenses in accordance with applicable statutes, regulations, and rules. CM's must be able to demonstrate financial strength appropriate to the scale of projects to be managed.

Information to be Submitted:

One (1) signed original of the complete proposal packet along with one (1) fully complete electronic file in pdf format on either a CD or thumb drive:

TAB 1 – General

1. Letter of interest
2. RFQ Proposer Acknowledgement Form, completed
3. RFQ Response Form, completed and signed
4. Whether or not the firm or individual is a certified Minority Business Enterprise as defined by the Florida Small and Minority Business Assistance Act of 1985
5. Copy of firm's current Florida registration as a licensed General Contractor
6. Copy of firm's Certificate of Insurance
7. Completed Conflict, Non-Conflict of Interest Statement/Litigation Statement
8. Completed Drug-Free Workplace Certification
9. Completed Verification of Employment status using E-Verify system

TAB 2 – Experience

1. Provide a brief introduction narrative letter highlighting the qualifications of the firm including legal nature of organization, number of years in business, pertinent capabilities, and experience in contracting and managing municipal projects.
2. Provide an organizational chart of the firm.

3. Provide a listing of at least 5 projects completed by the firm comparable in nature and costs to the projects identified in the "Construction Management Project List" provided in the RFQ Packet as Exhibit 1.
Include the following for each project:
 - a. Name and location of the project.
 - b. The nature of the firm's responsibility on the project.
 - c. Project owner's representative name, address, telephone and e-mail contact information.
 - d. Date project was completed or is anticipated to be completed.
 - e. Scope of work of project and cost of project.
 - f. Firm's project manager and other key professionals involved on the project.
4. Detailed resumes of key personnel that will be working on projects assigned if contracted with the City.
5. Provide list of current construction management contracts (if applicable) that the firm currently has including contact information for each contract.

TAB 3 – Financial Capability

1. Provide a summary of the firm's financial resources for the past 3 years (including the latest year audited financial statements and holding company). Provide most recent certified financial statements as of a date not earlier than the end of the Proposer's preceding official tax accounting period, together with a statement in writing, signed by a duly authorized representative, stating that the present financial condition is materially the same as that shown on the balance sheet and income statement submitted, or with an explanation for a material change in the financial condition. A copy of the most recent business income tax return will be accepted if certified financial statements are unavailable.
2. Provide proof of financial bonding capacity of the firm by submitting a bonding capacity letter from a State approved Surety Agency.

TAB 4 – Construction Disputes

1. Describe and explain any pending litigation, major disputes, contract defaults, and/or claims against your firm in the last 5 years. Limit this information to the office submitting qualifications for this submittal. Name the litigants involved and the month and year the case or claim was filed, venue, and a full description of the claims raised in the litigation. Please provide the name, phone number and email address of a contact person in your organization who can provide additional information or clarify any questions regarding these matters. If there is no litigation pending against your firm, please provide a notarized statement stating this fact.

TAB 5 – Location

1. Provide the location of office(s) where the project management team will be located.

Evaluation Criteria: The City will evaluate prospective candidates based upon the experience and past performance of the firm. Evaluation will also be based upon the abilities and accomplishments of the individuals to be assigned to the project and relevant project experience. The location of the firm's home office where the work will occur from will also be an important factor. Selection will be based on aggregate of rank received from reviewers.

Scoring Parameters:

General (5 points)

Experience (40 points)

Financial Capability (20 points)

Construction Disputes (15 points)

Location of Firm (20 Points):

- Located in Ormond Beach - 20 points
- Located in Volusia County – 14 points
- Located within 100 miles of City Hall – 6 points

Selection Process: The responses will be evaluated in accordance with Florida Statutes Section 287.055 known as the Consultants Competitive Negotiations Act.

A designated selection committee will review and evaluate responses to this RFQ for each firm that submits and will rank the proposals based on the evaluation criteria. The Committee shall designate no less than two of the most qualified proposers based on rankings to be considered for continuing contracts. These proposers may be invited to appear for interview by City staff or be asked to further demonstrate their qualifications. It is intended to select a maximum of four firms for continuing contracts (assuming four or more proposals are received). Contracts will then be prepared and submitted to the City Manager for approval and recommendation to the City Commission.

Insurance Requirements: The Consultant shall purchase at his own expense and maintain throughout the duration of the contract the types and amounts of insurance in form and from companies satisfactory to the City and shall furnish proof of insurance prior to commencing work.

The Consultant shall indemnify and hold harmless the City and its employees from and against all claims, damages, losses, and expenses including, but not limited to, attorneys'

fees arising out of or resulting from work provided that the claim, damages, loss and expense is caused in whole or in part.

The City reserves the following rights:

- Modify, extend, or cancel this RFQ at any time to obtain additional proposals or for any other reason the City determines to be in its best interest;
- Issue a new RFQ with terms and conditions that are the same, similar or substantially different as those set forth in this or a previous RFQ in order to obtain additional proposals or for any other reason the City determines to be in its best interest;
- Conduct pre-award discussion and/or pre-award negotiations with any or all responsive and responsible proposer(s) who submit proposals determined to be reasonably acceptable of being selected for award; and, conduct personal interviews or require presentations of any or all proposer(s) prior to selection.
- Request that proposer(s) furnish additional information as the City may reasonably require.
- Accept or reject qualifications or proposals in part or whole, and/or waive any defect or deficiency in any proposal, if in the City's sole judgment, the defect or deficiency is not material in response to this RFQ;
- Limit and/or determine the actual contract services to be included in a contract.
- Engage outside experts to assist staff in evaluating the merits and viability of each proposer.
- Obtain information for use in evaluating submittals from any source.
- Verify the information received in the proposal. If a proposer knowingly and willfully submits false information or data, the City of Ormond Beach reserves the right to reject that proposal. If it is determined that an Agreement was awarded as a result of false statements or other data submitted in response to this RFQ, the City of Ormond Beach reserves the right to terminate the Agreement
- The City shall be the sole judge of the proposer's qualifications.

Insurance Requirements

1. Contractor's Insurance General

The Contractor, including service-related contractors, shall purchase and maintain for the entire life of the Project, including any and all approved time extensions, until its final acceptance by the City, such insurance as will protect the Contractor from claims under Workers' Compensation, disability benefit laws or other similar employee benefit laws; from claims for damages because of bodily injury, occupational sickness or disease, or death of Contractor's employees; from claims insured by usual or unusual injury liability coverage; from claims or injury to or destruction of tangible property and from claims insured by usual Commercial General Liability coverage. This includes loss of use resulting therefrom, any or all of which may arise out of the Contractor's operations under the Contract Documents, whether such operations be by the Contractor, by any Subcontractor, or by anyone directly or indirectly employed by any of them or for whose acts any of them may be legally liable. The Contractor's deductibles/self-insured retentions shall be disclosed to the City and may be disapproved by the City, and may be reduced or eliminated at the sole discretion of the City. The Contractor is responsible for the amount of any deductible or self-insured retention.

2. Types of Insurance and Limits of Liability

The insurance required herein shall be written for not less than any limits of liability specified and incorporated as part of the Contract Documents or as required by law, whichever is greater, and shall include and not limited to the following:

- (a)** Workers' Compensation Insurance in statutory limits for the State of Florida with Coverage B - Employer's Liability limits of not less than:

\$100,000 Each Accident Bodily Injury by Accident
 \$100,000 Each Employee Bodily Injury by Disease
 \$500,000 Policy Limit Bodily Injury by Disease

Certificate of Exemptions. If the contractor has a State-issued Certificate of Exemption, the contractor may provide a copy in place of the requirement for coverage. However, if the contractor subcontracts or retains any other person or entity to perform under the contract, that person or entity must provide proof of workers' compensation insurance as required by law or provide a Certificate of Exemption.

It is the intent of the City that any individual who either contracts directly with the city or performs any work on behalf of any such contractor be covered by workers' compensation insurance or have a valid exemption from said coverage.

(If applicable to the Project, the policy must include benefits under the United States Longshoremen's and Harbor Workers' Act and the Jones Act coverage--all maritime coverage.)

(b) Commercial General Liability Insurance shall be written on a coverage form as broad as Insurance Services Office (ISO) Form CG 00 01 11 85, or its successor form, including but not limited to the following coverage (any deviation shall be noted on the Certificates of Insurance):

- a. Premises, Operations, Products and Completed Operations
- b. Owners' & Contractors' Protective
- c. Products & Completed Operation
- d. Explosion, Collapse & Underground Conditions
- e. Blanket Contractual Liability
- f. Personal Injury Liability
- g. Broad Form Property Damage Endorsement, including Completed Operations
- h. Independent Contractors
- i. Watercraft--Owned and Non-Owned (if applicable, endorsement must be included in General Liability policy or a separate Protection & Indemnity Policy must be written)
- j. Pollution Liability (if applicable)
- k. Asbestos Abatement (if applicable)
- l. Fire Damage Liability

Certain coverage outlined above may not be required if they do not relate to the Project, as may be determined at the sole discretion of the City.

Commercial General Liability Coverage shall be written on an occurrence basis and the limits shall be no less and not limited to the following amounts:

Limits (not less than)

\$1 Million Each Occurrence

\$2 Million General Aggregate

\$1 Million Aggregate Products & Completed Operations

NOTE: Commercial General Liability Coverage must be purchased on either a project basis (separate policy per contract) or an

endorsement allocating an aggregate limit per location or specified project.

- (c) Automobile Liability Insurance is required if an Automobile(s) is used in the performance of the contract.

ISO Symbol 1 (Any Auto), or alternatively a combination of Symbol 2 (Owned Autos), Symbol 8 (Hired Autos), and Symbol 9 (Non-Owned Autos), and limits shall be no less than:

\$1 Million	Combined Single Limit for Bodily Injury and Property Damage
-------------	---

- (d) Excess Liability

For contracts \$250,000 or greater an Excess Liability Policy of at least but not limited to \$1,000,000 in addition to the scheduled underlying policies for Commercial General Liability, Automobile Liability and Employers' Liability, the Contractor shall also provide an Excess Liability Policy with a maximum self-insured retention not to exceed \$25,0000 per occurrence.

- (e) Builder's Risk

Contractor shall purchase Builder's Risk Insurance for any contracts that are deemed to be vertical construction on an All-Risk policy, and shall also include coverage for wind, hail, and named storm. Limits of coverage shall be at least and not limited to the value of the project.

- (f) Professional Liability, Malpractice and/or Errors and Omissions

The Contractor shall purchase and maintain professional liability, malpractice, or errors or omissions insurance with minimum limits of \$1,000,000 per occurrence. If a claims made form of coverage is provided, the retroactive date of coverage shall be no later than the inception date of claims made coverage, unless the prior policy was extended indefinitely to cover prior acts. Coverage shall be extended beyond the policy year either by a supplemental extended reporting period (ERP) of as great a duration as is available, and with no less coverage and with reinstated aggregate limits, or by requiring that any new policy provides a retroactive date no later than the inception date of claims made coverage.

D. Requirements for Certificates of Insurance

1. With the execution of the Contract Documents, the Contractor, including service related contractors, shall provide certificates of such insurance acceptable to the City. These certificates and insurance policies shall contain an endorsement that the coverage under the policies will not be canceled, non-renewed or materially changed until at least thirty (30) days' prior written notice of such cancellation, non-renewal or change (except for nonpayment of premium, which shall be ten (10) days) and a copy of the cancellation endorsement signed by an authorized representative of the insurer, be given to the City. The contractor shall be required to replace any expired or canceled policies in like amount and coverage to the satisfaction of the City. The Certificate of Insurance shall be the ACORD FORM 25-S (7/90), or its successor form, and shall be made a part of the Contract Documents.
2. New certificates of insurance shall be provided to the City at least fifteen (15) days prior to coverage renewals.
3. If requested by the City, the contractor shall immediately furnish complete copies of the Contractor's insurance policies, forms and endorsements.
4. For Commercial General Liability coverage, the Contractor shall, at the option of the City, provide an indication of the amount of claims payments or reserves chargeable to the aggregate amount of liability coverage. If the Commercial General Liability form of coverage includes an annual aggregate limitation on the amount of insurance provided, a separate project aggregate limit may be required by the City for the given contract.
5. If the Contractor fails to obtain and maintain for the life of the Project the insurance required hereby or to replace any such expired or canceled policy, the City may obtain and maintain such insurance with such company as it deems satisfactory. Any amounts expended by the City in payment of premiums for such insurance shall be deducted by the City from the amount due the Contractor for the work covered by the Contract.

E. Policies of Insurance

1. Except as otherwise provided in this Exhibit, all insurance policies shall be issued by insurers licensed to do business in the State of Florida on an admitted basis or which is an eligible surplus lines insurer in the State of Florida, and any such insuring company is required to have a minimum financial rating of (A-), in the latest edition of "Best's Key Rating Guide", published by A. M. Best Co., Inc., or some similarly nationally recognized rating authority, including Standard and Poors and Demotech.
2. For Workers' Compensation coverage only, self-insurance programs are

acceptable with a minimum A- rated reinsurance carrier; written confirmation is required.

3. All policies of insurance or certificates thereof referred to in this Exhibit shall be deposited with the City Clerk.
4. The City shall be named an Additional Insured on General Liability including products and completed operations and Automobile Liability policies of insurance and certificates thereof.

THIS PAGE MUST BE COMPLETED AND RETURNED WITH YOUR PROPOSAL

VERIFICATION OF EMPLOYMENT STATUS USING E-VERIFY SYSTEM

1. Undersigned firm warrants it **IS** currently registered with the U.S. Department of Homeland Security's E-Verify system, **and** is compliant with the requirements of Sections 448.09 and 448.095, *Florida Statutes*.
2. Undersigned firm warrants it **has not** had any contracts terminated as a result of violations of Sections 448.09 or 448.095, *Florida Statutes*, that prohibit it from contracting with a public agency.
3. Undersigned firm warrants that if it enters into an agreement with a subcontractor, an express provision shall be included in all of its subcontracts requiring subcontractors, who perform work or provide services pursuant to the contract, to use the E-Verify system to verify employment eligibility of all new employees hired by the subcontractor during the contract term.
4. Undersigned firm understands that any subcontractor must provide the contractor with an affidavit stating that the subcontractor does not employ, contract with, or subcontract with an unauthorized alien, and the contractor understands it shall maintain any such affidavits for the duration of the contract, and the contract with the subcontractor must be immediately terminated if the City has a good faith belief that the subcontractor knowingly violated Section 448.09 (1), *Florida Statutes*.
5. Undersigned firm understands that in the event the City has a good faith belief that the contractor has knowingly violated Section 448.09 (1), *Florida Statutes*, the City shall terminate the contract, and the contractor may not be awarded a public contract for a period of at least one (1) year after the date of termination. The contractor may be held liable for any additional costs incurred by the City as a result of termination of the contract.

COMPANY NAME

AUTHORIZED SIGNATURE

PRINT NAME

TITLE

DATE

THIS PAGE MUST BE COMPLETED AND RETURNED WITH YOUR PROPOSAL

City of Ormond Beach
CONFLICT, NON-CONFLICT OF INTEREST STATEMENT,
LITIGATION STATEMENT

1.

[] To the best of our knowledge, the undersigned firm has no potential conflicts of interest due to any other clients or contracts for this project.

[] The undersigned firm, by attachment to this form, submits information which may be a potential conflict of interest due to other clients or contracts for this project.

2.

[] The undersigned firm has had no litigation on any project in the last five (5) years.

[] The undersigned firm, by attachment to this form, submits a summary and disposition of individual cases of litigation during the past five (5) years.

COMPANY NAME

AUTHORIZED SIGNATURE

PRINT NAME

TITLE

DATE

THIS PAGE MUST BE COMPLETED AND RETURNED WITH YOUR PROPOSAL

City of Ormond Beach

DRUG-FREE WORKPLACE CERTIFICATION

IDENTICAL OR "TIE" PROPOSALS: Preference shall be given to businesses with drug-free workplace programs. Whenever two or more proposals which are equal in respect to price, quality, and service are received by the State or by any political subdivision for the procurement of commodities or contractual services, a proposal received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. Established procedures for processing tie proposals will be followed if none of the tied vendors have a drug-free workplace program. In order to have a drug-free workplace program, a business shall:

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace, and specify the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violation(s).
3. Give each employee that engages in providing the commodities or contractual services that are under proposal a copy of the statement specified in subsection 1.
4. In the statement specified in subsection 1, notify the employees that, as a condition of working on the commodities or contractual services that are under proposal, the employee will abide by the terms of the statement and will notify the employer of any conviction, or plea of guilty or nolo contendere to, any violation of Chapter 893, or of any controlled substance law of the United States, or any state, for a violation occurring in the workplace no later than five (5) calendar days after such conviction.
5. Impose sanctions on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

Signature

Print Name

Title

EXHIBIT 1
Construction Management Project List
2017-2022

Project	GMP	Year Constructed
Andy Romano Beachfront Park - Hurricane Matthew Storm Repairs	\$ 24,654	2017
Police Station Sally Port Repairs	\$ 55,556	2017
OBSC Field 12 Renovation	\$ 21,450	2017
Andy Romano Beachfront Park - Hurricane Irma Storm Repairs	\$ 24,983	2018
MacDonald House Recladding	\$ 19,478	2018
Main Trail Bridge Repair	\$ 35,517	2018
OBSC Field Lighting Fields 4 - 10	\$ 1,268,229	2018
Rockefeller Gardens Shade Structure	\$ 56,870	2018
WTP Claricone Walkway & Support Structure Replacement	\$ 126,006	2018
OBSC Field Lighting, Baseball 3, Soccer 1-3	\$ 999,712	2019
Granada Blvd Medians Irrigation Reuse Connection	\$ 125,050	2020
OBSC Girls Championship Softball Field 7 Renovations	\$ 1,200,000	2020
OBSC Playground Resurfacing & Central Park Phase II Exercise Stations Equipment Replacement	\$ 99,858	2020
OBSC Soccer Field 6 Resurfacing	\$ 24,801	2020
The Casements Rockefeller Room Renovation	\$ 58,262	2020
WTP Static Mixer Shade Structure	\$ 23,885	2020
56 North Beach Street Bldg Asbestos Abatement	\$ 24,927	2021
56 North Beach Street Bldg Demo & Parking Lot Construction	\$ 125,579	2021
Birthplace of Speed Park Overlook Replacement	\$ 81,449	2021
MacDonald House Restoration/East & West Elevations	\$ 519,184	2021
Nova Community Park Tennis Court Lighting	\$ 330,385	2021
OBSC Field Resurfacing	\$ 21,950	2021
ARBP ADA Ramp Repair/Replacement	\$ 89,047	2022
	<u>\$ 5,356,832</u>	

EXHIBIT 2

EVALUATION FORM
Construction Management at Risk Services
RFQ 2022-17

Name of Firm: _____

Reviewer: _____

Date: _____

Points

General (5 pts Max)

Experience (40 pts Max)

Financial Capability (20 pts Max)

Construction Disputes (15 pts Max):

Location (20 pts Max):

TOTAL POINTS:

Rank

CONSTRUCTION MANAGEMENT CONTRACT

BETWEEN

THE CITY OF ORMOND BEACH

AND

CONTRACTOR

FOR

CONSTRUCTION MANAGEMENT SERVICES
ON A CONTINUING BASIS

September 7, 2022

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EXHIBITS

Exhibit A	General Terms and Conditions
Exhibit B	Supplemental Terms and Conditions
Exhibit C	Insurance Requirements
Exhibit D	Truth-In-Negotiation Certificate
Exhibit E	Florida Public Records Law
Exhibit F	Verification of Employment Status Using E-Verify System

CONSTRUCTION MANAGEMENT AGREEMENT

THE CITY OF ORMOND BEACH, FLORIDA, a Florida municipal corporation, whose address is 22 South Beach Street, Ormond Beach, Volusia County, Florida 32174 ("City" or "Owner"), hereby contracts with [REDACTED] ("Construction Contractor"), a Florida corporation, to perform CONSTRUCTION MANAGEMENT SERVICES ON A CONTINUING BASIS in Ormond Beach, Florida. For each individual construction project (the "Project"), the parties shall agree to the scope (the "Work"), construction cost, and compensation in a separate written WORK AUTHORIZATION.

WHEREAS, Owner requested pursuant to RFQ No. 2022-[REDACTED] and Florida Statute Section 287.055, Consultants Competitive Negotiations Act and Section 255.103(4), qualifications from qualified firms or individuals interested in performing construction management services to the City for projects in which the estimated construction cost of each individual project under the contract does not exceed \$4 million (or such amount as amended by law), and

WHEREAS, Owner received a letter of interest and qualifications from Construction Contractor; and

WHEREAS, Construction Contractor is competent and qualified to furnish services to Owner and desires to provide such services according to the terms and conditions stated herein; and

WHEREAS, Owner and Construction Contractor, for the consideration set forth in each WORK AUTHORIZATION, agree as follows:

Section 1 Term of Continuing Contract and Contract Documents

A. This Agreement to perform construction management services on a continuing basis shall take effect on the date of its execution by the City and shall remain in effect for a period of five (5) years unless terminated by the Owner pursuant to either Section 20 or 21, Exhibit A, General Terms and Conditions, to this Contract.

B. The Contract Documents consist of this Agreement, the Exhibits described in Section 8 hereof, the WORK AUTHORIZATION, and any duly executed and issued addenda, Change Orders, Construction Change Directives, Field Orders and amendments relating thereto. Further, the term Contract Documents shall include all plans and specifications for the construction of the Project ("Construction Documents") being prepared by Owner or outside engineering, architectural, or other professional firm ("Design Professional"), but only after said Construction Documents have been completed by Design Professional and approved in writing by Owner. All of the foregoing Contract Documents are sometimes referred to herein as the "Contract".

C. Owner shall furnish Construction Contractor with one (1) sealed copy and one (1) reproducible set of the Construction Documents. Any additional copies of Construction Documents, required by Construction Contractor for execution of the Work, shall be made by Construction Contractor from its reproducible set. The reproducible set of the Construction Documents shall be returned to Owner upon final acceptance of the Work or termination of the Contract, whichever occurs first. Provided, however, Owner is furnishing Construction Contractor a reproducible set of Construction Documents for Construction Contractor's convenience and such furnishing by Owner shall not be deemed to be a waiver by Owner or Design Professional of any copyright, patent or license they may have with respect to the Construction Documents. All such copyrights, patents and licenses hereby being expressly reserved by Owner and Design Professional.

Section 2 Scope of Work

The Work to be provided by Construction Contractor pursuant to each WORK AUTHORIZATION shall be performed essentially in two phases, with those phases being Pre-Construction Phase Services and Construction Phase Services.

In certain circumstances, Owner may elect to perform design or plan/specification services in-house as opposed to retaining the services of an outside Design Professional, particularly in smaller construction projects. In this case, the Owner may retain the services of Construction Contractor for construction phase services only, or with limited pre-construction services. **If the City elects to perform design or plan/specification services in-house, all references to Design Professional within this Agreement (for purpose of notices, cooperation between the parties, approvals, or other) shall mean the Owner.**

A. Pre-Construction Phase Services. Construction Contractor shall review and comment upon the Construction Documents being developed by Design Professional. The scope of that review shall include, but not be limited to, reviewing those various documents for value engineering and constructability. As the Construction Documents are developed by Design Professional through the various design phases set forth in the Design Professional Services Agreement between Design Professional and Owner ("Design Agreement"), Construction Contractor shall provide Owner with detailed construction cost estimates with respect to those documents. Construction Contractor agrees to attend any and all design and preconstruction conferences and to otherwise assist and cooperate with Design Professional with respect to the design of the Project. Construction Contractor shall provide all other services during the Pre-Construction Phase of the Project as set forth in the Contract Documents.

B. Construction Phase Services. After the Construction Documents have been sufficiently completed by Design Professional and approved by Owner for all of the Work (or such portions thereof as may be designated by Owner in writing), and Owner and Construction Contractor have agreed in writing upon the guaranteed maximum price (GMP) to be paid Construction Contractor and the Contract Time for the Work

(or designated portions thereof) as hereafter provided, Construction Contractor shall furnish and pay for all management, supervision, financing, labor, materials, tools, fuel, supplies, utilities, equipment and services of every kind and type necessary to diligently, timely and fully perform and complete in a good and workmanlike manner the construction of the Work (or designated portions thereof) in accordance with all of the terms and conditions of the Contract Documents. Notwithstanding anything herein to the contrary, as and to the extent expressly directed and authorized by Owner in writing, Construction Contractor shall commence to construct those portions of the Work designated by Owner even though the GMP and/or Contract Time for the entire Work has not yet been agreed to by the parties, so long as they have agreed in writing upon the compensation to be paid Construction Contractor and the performance time for such portion of the Work.

Section 3 Relationship of Parties

A. Construction Contractor covenants with Owner to cooperate with Design Professional; to utilize Construction Contractor's best skill, efforts and judgment in furthering the interest of Owner; to furnish efficient business administration and supervision; to furnish at all times an adequate supply of workers and materials; and to perform the Work in the best way and the most expeditious and economical manner, consistent with the interests of Owner. Further, Construction Contractor acknowledges that (i) it has represented to Owner that it has specific expertise in the planning, management and construction of public facilities and (ii) that such representation is a material inducement to Owner to enter into this Contract.

B. Wherever the terms of this Contract refer to some action, consent, or approval to be provided by Owner or some notice, report or document is to be provided to Owner, such reference to "Owner" shall mean Owner, City Manager, City Engineer or Owner's designee (to the extent such designee has been expressly authorized by Owner in writing), unless otherwise stated herein.

C. Owner may utilize the services of a Program Manager to assist it with the management of the design and construction of the Project. In the event Owner does utilize the services of a Program Manager with respect to the Project, Owner shall notify Construction Contractor in writing of such decision and the Program Manager shall be deemed to be an Owner designee as referenced in Paragraph B above. Further, to the extent Construction Contractor is required to name Owner as an additional insured under any insurance policy to be maintained by Construction Contractor pursuant to the terms of the Contract Documents, Construction Contractor shall cause the Program Manager to also be named as an additional insured party under all such policies. If so designated for the Project, Program Manager shall be Owner's representative with respect to the Project, with authority to transmit instructions, receive information, and interpret and define Owner's policies and decisions with respect to the Work. However, except as may be otherwise expressly authorized in writing by Owner, the Program Manager is not authorized on behalf of Owner to issue any verbal or written orders or instructions to Construction Contractor

that would have the effect, or be interpreted to have the effect, of amending or modifying the terms or conditions of the Contract Documents or modifying or amending in any way whatever the: (1) scope or quality of Work to be performed and provided by Construction Contractor as set forth in the Contract Document; (2) the time within which Construction Contractor is obligated to complete the Work; or (3) the amount of compensation Owner is obligated or committed to pay Construction Contractor as set forth in the Contract Documents.

D. For each WORK AUTHORIZATION, Construction Contractor shall designate a Project Manager, with full authority to bind and obligate Construction Contractor on all matters arising out of or relating to the Work or the Contract Documents. Construction Contractor agrees that the Project Manager shall devote whatever time is required to satisfactorily manage the Work and further agrees that the Project Manager shall not be removed or replaced by Construction Contractor without Owner's prior approval, which approval shall not be unreasonably withheld.

Section 4 Contract Amount

In consideration of the full and faithful performance by Construction Contractor of the covenants in this Contract, Owner agrees to pay, or cause to be paid, to Construction Contractor the amounts set forth in each WORK AUTHORIZATION (the "Contract Amount"), in accordance with the terms of this Contract:

A. Pre-Construction Phase Services For all Pre-Construction Phase Services, including, but not limited to, providing value engineering services, reviewing Construction Documents for constructability, assisting and meeting with Design Professional during the various design phases, and preparing cost estimates, Construction Contractor shall receive a fixed amount set forth in each WORK AUTHORIZATION as the total lump sum compensation for its services. Monthly installment payment of the total lump sum compensation shall be based upon the percent completion of the designated portion of the Pre-Construction Services for each particular month and Owner's receipt of Construction Contractor's written invoice for such payment, said invoice to be in a form reasonably acceptable to Owner. The final invoice shall not be submitted until either (i) the WORK AUTHORIZATION is executed for the entire Work, or (ii) the parties fail to reach agreement on the WORK AUTHORIZATION and Owner elects to terminate this Contract as provided in section 4.B hereafter, whichever occurs first.

B. Construction Phase Services With respect to the Construction Phase Services to be provided by Construction Contractor hereunder, Owner shall reimburse Construction Contractor for the Cost of the Work (as that term is defined hereafter), and pay Construction Contractor a Construction Management Fee for the entire Work in a fixed amount set forth in each WORK AUTHORIZATION. The Construction Management Fee shall be Construction Contractor's total compensation for all overhead not reimbursable as Cost of the Work under Section 5.A. below, as well as Construction Contractor's total profit for Construction Phase Services. Construction

Contractor agrees to provide Owner with a GMP proposal for the total sum of the Construction Management Fee plus the Cost of the Work within the time frames established by the Master Project Schedule included in each WORK AUTHORIZATION. The GMP proposal shall be based upon the previous cost estimates provided by Construction Contractor as required hereunder. Further, the proposal shall be broken down into the categories and level of detail required by Owner. Construction Contractor agrees that all of its books, records and files, with respect to its development of the GMP price proposal, shall be open to Owner for review and copying. The final GMP shall be mutually agreed upon by Owner and Construction Contractor and shall be set forth in the WORK AUTHORIZATION. Construction Contractor shall provide a detailed breakdown acceptable to Owner of its GMP proposal. For each line item in the GMP, Construction Contractor shall record on the Schedule of Values all variances and deviations between the bid amount originally submitted for that line item and the final line item price incorporated into the GMP. Construction Contractor guarantees that in no event shall the Construction Management Fee and the total Cost of the Work exceed the GMP, as the GMP may be adjusted pursuant to the terms herein for Change Orders and Construction Change Directives. In the event Construction Contractor and Owner fail to reach an agreement on the GMP, Owner may elect to terminate the Contract. In the event of any such termination, Construction Contractor shall be entitled to receive that portion of the Contract Amount attributable to the Pre- Construction Phase Services earned through the date of termination plus that portion of any earned compensation associated with any Construction Phase Services provided, to the extent such services were expressly approved in advance and in writing by Owner; but Construction Contractor shall not be entitled to any further or additional compensation from Owner, including but not limited to damages or lost profits on portions of the Work not performed.

Section 5 Cost of the Work

A. Costs to be Reimbursed The term Cost of the Work shall mean all costs necessarily and reasonably incurred by Construction Contractor in the proper performance of the Construction Phase Services portion of the Work. Such costs shall be at rates not higher than the standard paid at the place of the Project except with the prior written consent of Owner only after Construction Contractor has provided sufficient support in writing that exceptional circumstances exist, which justify the payment of rates higher than the standard. The Cost of the Work shall include only those items set forth below in this subsection A:

1. Labor Costs

a. Wages of construction workers directly employed by Construction Contractor to perform the construction of the Work at the Project site or, with Owner's written agreement, at off-site workshops. Costs to be reimbursed will be the actual wages paid to the individuals performing the work.

- b. Wages or salaries of Construction Contractor's supervisory and administrative personnel whether stationed at the Project site or offsite, but only for that portion of their time required for the Work and only with Owner's written agreement.
 - c. Wages and salaries of Construction Contractor's supervisory and administrative personnel engaged at factories, workshops or on the road in expediting the production or transportation of materials or equipment required for the Work, but only for that portion of their time required for the Work and only with Owner's written agreement as in subsection A.1.b above.
 - d. The parties hereby establish a maximum markup rate for employees at a multiplier of 1.5 times payroll amounts for all labor burden, including all taxes, insurance, contributions, assessments and benefits required by law and collective bargaining agreements and, for personnel not covered by such agreements, customary benefits such as sick leave, medical and health benefits, holidays, vacations and pensions, provided such markup is to apply only upon those wages and salaries included in the Cost of the Work under subsections A.1.a through A.1.c above, at the actual rates for the markup up to the maximum established herein.
2. Subcontract Costs Payments made by Construction Contractor to subcontractors in accordance with the requirements of the applicable written subcontracts.
3. Cost of Materials and Equipment Incorporated into the Completed Construction.
- a. Costs, including transportation, of materials and equipment incorporated or to be incorporated in the completed construction.
 - b. Costs of materials described in subsection A.3.a, above, in excess of those actually installed but required to provide reasonable allowance for waste and for spoilage. Unused excess materials, if any, shall be handed over to Owner at the completion of the Work or, at Owner's option, shall be sold by Construction Contractor; amounts realized, if any, from such sales, shall be credited to Owner as a deduction from the Costs of the Work.
4. Costs of other materials and equipment, temporary facilities and related items.
- a. Costs, including transportation, installation, maintenance, dismantling and removal, of materials, supplies, temporary facilities

(including project field offices, furniture and fixtures), temporary utilities, machinery, equipment, and hand tools not customarily owned by the construction workers, which are provided by Construction Contractor at the Project site and fully consumed in the performance of the Work; and costs less salvage value on such items if not fully consumed, whether sold to others or retained by Construction Contractor.

b. Rental charges, at standard industry rates for the area, for temporary facilities, machinery, equipment, and hand tools not customarily owned by the construction workers, which are provided by Construction Contractor at the Project site, whether rented from Construction Contractor or others, and costs of transportation, installation, minor repairs and replacements, dismantling and removal thereof. Rates and quantities of all equipment rented, whether from Construction Contractor or others, shall be subject to Owner's prior written approval.

c. Cost of removal and proper disposal of debris from the Project site.

d. Reproduction costs, telecommunication costs specific to the project, postage and parcel delivery charges and telephone service at the Project site and reasonable petty cash expenses of the Project site office.

e. That portion of the reasonable travel and subsistence expenses of Construction Contractor's personnel assigned to the Project site, incurred while traveling outside of Volusia County area in discharge of duties connected with the Work, provided all of such expenses and charges shall be subject to the prior written approval of Owner.

5. Miscellaneous Costs

a. That portion of any separate premiums for (i) bonds directly attributable to this Contract and (ii) any additional insurance coverages which are purchased by Construction Contractor, with Owner's prior written approval, beyond the level of coverage specified herein.

b. Sales, use or similar taxes imposed by a governmental authority which are related to the Work and for which Construction Contractor is liable.

c. Fees and assessments for the building permit and for other permits, licenses and inspections for which Construction Contractor is required by the Contract Documents to pay.

d. Fees of testing laboratories for tests required by the Contract Documents, except those related to defective or nonconforming Work for which reimbursement is excluded pursuant to the terms of this Contract.

e. Royalties and license fees paid for the use of a particular design, process or product required by the Contract Documents.

f. Deposits lost for causes other than Construction Contractor's fault or negligence.

g. Legal, mediation and arbitration costs, other than those arising from disputes between Owner and Construction Contractor, reasonably incurred by Construction Contractor in performance of the Work and with Owner's prior written consent, said consent to be given or denied in Owner's sole discretion.

h. Costs reasonably incurred in repairing or correcting damage or nonconforming Work executed by Construction Contractor, or its subcontractors or suppliers, provided that such damage or nonconforming Work was not caused by (i) the negligence or failure to fulfill a specific responsibility of Construction Contractor to Owner set forth in the Contract Documents, or (ii) Construction Contractor's foremen, engineers, superintendents or other supervisory, administrative or managerial personnel, or (iii) the failure of Construction Contractor's personnel to supervise adequately those portions of the Work to be performed by Construction Contractor's subcontractors or suppliers, and only to the extent that the cost of repair or correction is not recoverable by Construction Contractor from (i) insurance or bonds, (ii) any of the subcontractors or suppliers, or (iii) some other appropriate source.

6. Other Costs Other costs incurred in the proper performance of the Work in accordance with the Construction Documents if and to the extent approved in advance in writing by Owner.

B. Costs Not To Be Reimbursed. The Cost of the Work shall not include the following items:

1. Salaries and other compensation of Construction Contractor's personnel stationed at Construction Contractor's principal office or offices other than the Project site office, except as otherwise provided in subsection A.1.b above.

2. Expenses of Construction Contractor's principal office and offices other than the Project site office.

3. Overhead and general expenses, except as may be expressly included in subsection A above.
 4. Construction Contractor's capital expenses, including interest on Construction Contractor's capital employed for the Work.
 5. Rental costs of machinery and equipment, except as specifically provided in subsection A.4.b above.
 6. Except as expressly provided in subsection A.5.h. above, costs due to the fault or negligence of Construction Contractor, subcontractors, anyone directly or indirectly employed by any of them, or for whose acts any of them may be liable, including, but not limited to, costs for the correction of damaged, defective, or nonconforming Work, disposal and replacement of materials and equipment incorrectly ordered or supplied, and making good damage to property not forming part of the Work.
 7. Any costs not specifically and expressly described in subsection A above.
 8. Costs which would cause the GMP to be exceeded (as the GMP may be adjusted pursuant to the terms herein for Change Order and Construction Change Directive).
- C. Discounts, Rebates and Refunds
1. Cash discounts obtained on payments made by Construction Contractor shall accrue to Owner if (i) before making the payment, Construction Contractor included them in an application for payment and received payment therefore from Owner, or (ii) Owner has deposited funds with Construction Contractor with which to make payments; otherwise, cash discounts shall accrue to Construction Contractor. Trade discounts, rebates, refunds and amounts received from sales of surplus materials and equipment shall accrue to Owner, and Construction Contractor shall make provisions so that they can be secured.
 2. Amounts which accrued to Owner in accordance with the provisions of subsection C.1. above shall be credited to Owner as a deduction from the Cost of the Work.

Section 6 Bonds

- A. Per City of Ormond Beach Minimum Insurance Requirements Resolution 2021-144 (and any amendments thereto), when Owner's Construction Budget as set for in each WORK AUTHORIZATION exceeds twenty five thousand dollars (\$25,000.00), Construction Contractor shall provide Owner with Performance and Payment Bonds, in the form prescribed by the Owner in the amount of 100% of the total sum of the

Owner's Construction Budget for the work as set for in the WORK AUTHORIZATION, the costs of which are to be paid by Construction Contractor. Upon the request of the contractor, good cause shown by the Contractor, and a determination that the public health, safety and welfare will be sufficiently protected, the City Commission may exempt the contractor from the requirement of providing a Payment and Performance Bond for any Contract which is for more than \$25,000.00 but is less than \$200,000.00. Construction Contractor shall provide any required bonds within ten (10) business days after execution of a WORK AUTHORIZATION by Owner and Construction Contractor (unless a later submittal is expressly approved in writing by Owner). The City will record the Bonds in the public records at the Contractor's expense. The Performance and Payment Bonds must comply with the following provisions and must be otherwise acceptable to Owner:

1. The Payment and Performance Bond shall list the Construction Contractor as Principal and be issued by a surety insurer authorized to do business in Florida as a surety and listed as an acceptable surety in the Federal Register.
2. The Payment and Performance Bond shall be executed pursuant to Section 255.05, Florida Statutes, and be in a form substantially similar to the form set forth in Section 255.05(3), Florida Statutes.
3. The Payment and Performance Bond shall not make the Contract part of the Bond agreement.
4. The payment and performance bond shall specifically provide coverage for delay damages due to a default by the Contractor.
5. In lieu of the Payment and Performance Bond, the Construction Contractor may file with the Finance Director of the City, in an amount equal to the full amount of the Contract, cash, a money order, a certified check, a cashier's check, an irrevocable letter of credit, or a security of a type listed in Part II, Chapter 625, Florida Statutes.
6. In the event the surety on any Payment and Performance Bond furnished by the Contractor is declared bankrupt or becomes insolvent, or its right to do business in the State of Florida is terminated, the Construction Contractor shall, within five (5) working days thereafter, substitute another Payment and Performance Bond and surety acceptable to the City.
7. The Construction Contractor is totally and solely responsible for keeping its surety informed as to the Base Contract Price as bid, significant changes in the Project Scope, and the overall progress and completion of the Project for the entire life of the Contract.

Section 7 Contract Time and Liquidated Damages

A. Time is of the essence in the performance of the Work under this Contract. Contractor shall commence the Pre-Construction Phase Services portion of the Work within five (5) calendar days after execution of the WORK AUTHORIZATION for the Work, unless a later date for commencement of Pre- Construction Phase Services is established in writing by the Owner. Any Work performed by Construction Contractor prior to execution of a WORK AUTHORIZATION shall be at the sole risk of Construction Contractor. The "Construction Phase Commencement Date" shall be established in a Notice to Proceed to be issued by Owner. Construction Contractor shall commence the Construction Phase Services portion of the Work within five (5) calendar days after the Construction Phase Commencement Date. No portion of the Work, with respect to the Construction Phase Services to be provided hereunder, shall be performed prior to the Construction Phase Commencement Date, unless expressly approved in advance by Owner in writing. The total period of time beginning with the Construction Phase Commencement Date and ending on the date of Substantial Completion of the Work is referred to hereafter as the "Contract Time". The Contract Time is set forth with more specificity in Paragraph B below.

B. Because the Work is to be completed in two phases, the timely completion of the first phase is critical to the timely completion of the second phase and, therefore, completion of the entire Project. Accordingly, Construction Contractor agrees to provide the Pre-Construction Phase Services in accordance with the Master Project Schedule included with each WORK AUTHORIZATION. With respect to the Construction Phase Services, the WORK AUTHORIZATION shall include the date that portion of the Work associated with the Construction Phase Services must be substantially completed by Construction Contractor. That Substantial Completion date shall be established in terms of calendar days after the Construction Phase Commencement Date. In the event Construction Contractor and Owner fail to reach an agreement on the Contract Time and the Substantial Completion date, Owner may elect to terminate the Contract. In the event of any such termination, Construction Contractor shall be entitled to receive that portion of the Contract Amount attributable to the Pre-Construction Phase Services earned to the date of termination plus that portion of any earned compensation associated with any Construction Phase Services provided, to the extent such services were expressly approved in advance and in writing by Owner; but Construction Contractor shall not be entitled to any further or additional compensation from Owner, including but not limited to damages or lost profits on portions of the Work not performed. Substantial Completion of the Work shall be achieved when the Work has been completed to the point where Owner can occupy or utilize the Work for its intended purpose, and the Design Professional shall certify the date Substantial Completion of the Work is achieved. If Owner has designated portions of the Work to be turned over to Owner prior to Substantial Completion of the entire Work, Design Professional shall certify the date as to when Substantial Completion of such designated portions of the Work have been achieved. The entire Work shall be fully completed and ready for final acceptance by Owner within 60 calendar days after the Substantial Completion date, or within 60 calendar

days after Construction Contractor's receipt of the punch list, whichever date occurs last.

C. Owner and Construction Contractor recognize that, since time is of the essence for this Contract, Owner will suffer financial loss if the Work associated with the Construction Phase is not substantially completed or finally accepted within the times specified in the WORK AUTHORIZATION, as said time may be adjusted as provided for herein. In such event, the total amount of Owner's damages, will be difficult, if not impossible, to definitely ascertain and quantify, because this is a public construction project that will, when completed, benefit the public and the citizens of Ormond Beach, Florida. It is hereby agreed that it is appropriate and fair that Owner receive liquidated damages from Construction Contractor, if Construction Contractor fails to achieve Substantial Completion of the Work within the required Contract Time. Should Construction Contractor fail to substantially complete the Work within the required time period, Owner shall be entitled to assess, as liquidated damages, but not as a penalty, the amounts set forth in each WORK AUTHORIZATION for each calendar day thereafter until Substantial Completion is achieved. Should Construction Contractor fail to satisfy all requirements for final acceptance of the Work as described in Paragraph 22.2 of Exhibit A herein within the required time period, Owner shall be entitled to assess, as liquidated damages, but not as a penalty, the amounts set forth in each WORK AUTHORIZATION for each calendar day thereafter until the final acceptance requirements are met. Construction Contractor hereby expressly waives and relinquishes any right which it may have to seek to characterize the above noted liquidated damages as a penalty, which the parties agree represents a fair and reasonable estimate of Owner's actual damages at the time of contracting if Construction Contractor fails to substantially complete the Work in a timely manner.

D. When any period of time is referenced by days herein, it shall be computed to exclude the first day and include the last day of such period. If the last day of any such period falls on a Saturday or Sunday or on a day made a legal holiday by the laws of Florida, such day shall be omitted from the computation, and the last day shall become the next succeeding day which is not a Saturday, Sunday or legal holiday. The term "business day" as used herein shall mean all days of the week excluding Saturdays, Sundays and all legal holidays observed by Owner.

Section 8 Exhibits Incorporated

The following documents are expressly agreed to be incorporated by reference and made a part of this Agreement:

Exhibit A	General Terms and Conditions
Exhibit B	Supplemental Terms and Conditions
Exhibit C	Insurance Requirements
Exhibit D	Truth-In-Negotiations Certificate
Exhibit E	Public Records Law
Exhibit F	Verification of Employment Status Using E-Verify System

Section 9 Notices

A. All notices required or made pursuant to this Contract by Construction Contractor to Owner shall be in writing and may be given either (i) by mailing same by United States mail with proper postage affixed thereto, certified, return receipt requested, or (ii) by sending same by expedited or overnight mail or package delivery, (iii) by hand delivery to the appropriate address as herein provided, or (iv) by email with confirmation copy to be mailed. Notices required hereunder shall be directed to the following address:

City Engineer
City of Ormond Beach
22 South Beach Street, Suite 104
Ormond Beach, Florida 32174

B. All notices required or made pursuant to this Contract by Owner to Construction Contractor shall be made in writing and may be given either (i) by mailing same by United States mail with proper postage affixed thereto, certified, return receipt requested, or (ii) by sending same by expedited or overnight mail or package delivery, (iii) by hand delivery to the appropriate address as herein provided, or (iv) by email with confirmation copy to be mailed. Notices required hereunder shall be directed to the following address:

CONTRACTOR
ADDRESS
CITY, STATE, ZIP

C. Either party may change its above noted address by giving written notice to the other party in accordance with the requirements of this Section.

Section 10 Modification

No modification or amendment to the Contract shall be valid or binding upon the parties unless in writing and executed by the party or parties intended to be bound by it.

Section 11 Successors and Assigns

Subject to other provisions hereof, the Contract shall be binding upon and shall inure to the benefit of the successors and assigns of the parties to the Contract.

Section 12 Governing Law

The Contract shall be interpreted under and its performance governed by the laws of the State of Florida.

Section 13 No Waiver

The failure of Owner to enforce at any time or for any period of time any one or more of the provisions of the Contract shall not be construed to be and shall not be a waiver of any such provision or provisions or of its right thereafter to enforce each and every such provision.

Section 14 Entire Agreement

Each of the parties hereto agrees and represents that the Contract comprises the full and entire agreement between the parties affecting the Work contemplated, and no other agreement or understanding of any nature concerning the same has been entered into or will be recognized, and that all negotiations, acts, work performed, or payments made prior to the execution hereof shall be deemed merged in, integrated and superseded by the Contract. This agreement shall also supersede and nullify all terms and conditions of purchase orders issued in conjunction with this agreement to facilitate Owner processing of payments.

Section 15 Severability

Should any provision of the Contract be determined by a court to be unenforceable, such a determination shall not affect the validity or enforceability of any other section or part thereof.

Section 16 Construction

Unless the context of this Contract otherwise clearly requires, references to the plural include the singular, references to the singular include the plural. The term "including" is not limiting, and the terms "hereof", "herein", "hereunder", and similar terms in this Contract refer to this Contract as a whole and not to any particular provision of this Contract, unless stated otherwise. Additionally, the parties hereto acknowledge that they have carefully reviewed this Contract and have been advised by counsel of their choosing with respect thereto, and that they understand its contents and agree that this Contract shall not be construed more strongly against any party hereto, regardless of who is responsible for its preparation.

IN WITNESS WHEREOF, the parties have executed this Agreement on the date(s) indicated below.

DATED this _____ day of _____, 2022.

CITY OF ORMOND BEACH

Witnesses:

Print Name

By: _____
BILL PARTINGTON
Mayor

Print Name

Attest: _____
JOYCE A. SHANAHAN
City Manager

DATED this _____ day of _____, 2022.

CONTRACTOR

Witnesses:

Print Name

By: _____

Print Name

Title

Print Name

Attest: _____

Print Name

Title

EXHIBIT A GENERAL TERMS AND CONDITIONS

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1. INTENT OF CONTRACT DOCUMENTS

1.1 It is the intent of the Contract Documents to describe a functionally complete project (or portion thereof) to be constructed in accordance with the Contract Documents. Any work, materials or equipment that may reasonably be inferred from the Contract Documents as being required to produce the intended result shall be supplied whether or not specifically called for in the Contract Documents. If the Contract Documents include words or terms that have a generally accepted technical or industry meaning, then such words or terms shall be interpreted to have such standard meaning unless otherwise expressly noted in the Contract Documents. Reference to standard specifications, manuals or codes of any technical society, organization or association or to the laws or regulations of any governmental authority having jurisdiction over the Project, whether such reference be specific or by implication, shall mean the latest standard specification, manual, code, law or regulation in affect at the time the Work is performed, except as may be otherwise specifically stated herein. Provided, however, in the event the standard specification, manual, code, law or regulation is changed after the WORK AUTHORIZATION has been executed by the parties, Construction Contractor shall be entitled to a Change Order equitably adjusting the Contract Amount and/or Contract Time to the extent such change materially impacts the Contract Time and/or Contract Amount.

1.2 If during the performance of the Work Construction Contractor discovers a conflict, error or discrepancy in the Contract Documents, Construction Contractor immediately shall report same to Design Professional in writing, and before proceeding with the Work affected thereby, shall obtain a written interpretation or clarification from Design Professional. Prior to commencing each portion of the Work, Construction Contractor shall first take all necessary field measurements and verify the applicable field conditions. After taking such measurements and verifying such conditions, Construction Contractor shall carefully compare such measurements and conditions with the requirements of the Contract Documents, taking into consideration all other relevant information known to Construction Contractor, for the purpose of identifying and bringing to Owner's attention all conflicts or discrepancies with the Contract Documents.

1.3 Drawings are intended to show general arrangements, design and extent of Work and are not intended to serve as shop drawings. Specifications are separated into divisions for convenience of reference only and shall not be interpreted as establishing divisions for the Work, trades, subcontracts or extent of any part of the Work. In the event of a discrepancy between or among the drawings, specifications or other Contract Document provisions, Construction Contractor shall be required to comply with the provision which is the more restrictive or stringent requirement upon Construction Contractor, as determined by Owner. Unless otherwise specifically mentioned, all anchors, bolts, screws, fittings, fillers, hardware, accessories, trim and other parts required in connection with any portion of the Work to make a complete, serviceable, finished and first quality installation shall be furnished and installed as part of the Work, whether or not called for by the Contract Documents.

2. INVESTIGATION AND UTILITIES

2.1 Construction Contractor shall have the sole responsibility of satisfying itself concerning the nature and location of the Work and the general and local conditions, and particularly, but without limitation, with respect to the following: those affecting transportation, access, legal disposal, handling and storage of materials; availability and quality of labor; water and electric power; availability and condition of roads; work area; living facilities; climatic conditions and seasons; physical conditions at the work-site and the Project area as a whole; topography and ground surface conditions; nature and quantity of the surface materials to be encountered; subsurface conditions; equipment and facilities needed preliminary to and during performance of the Work; and all other costs associated with such performance. The failure of Construction Contractor to acquaint itself with any applicable conditions shall not relieve Construction Contractor from any of its responsibilities to perform under the Contract Documents, nor shall it be considered the basis for any claim for additional time or compensation.

2.2 Construction Contractor shall locate all existing roadways, railways, drainage facilities and utility services above, upon, or under the Project site, said roadways, railways, drainage facilities and utilities being referred to in this Section 2 as the "Utilities". Construction Contractor shall contact the owners of all Utilities to determine the necessity for relocating or temporarily interrupting any Utilities during the construction of the Project. Construction Contractor shall schedule and coordinate its Work around any such relocation or temporary service interruption. Construction Contractor shall be responsible for properly shoring, supporting and protecting all Utilities at all times during the course of the Work.

2.3 If during the performance of the Work, Construction Contractor or any subcontractor, sub-subcontractor, agent, employee or anyone else for whom Construction Contractor is legally liable, causes a disruption to any Utilities service to other facilities or customers within the Project area, Construction Contractor shall take all actions necessary and required to immediately restore such Utilities service. If Construction Contractor fails to take such immediate actions Owner shall have the right to take whatever actions it deems necessary and required to immediately restore the disrupted services, and all costs incurred by Owner as a result thereof shall be reimbursed to Owner by Construction Contractor within five (5) business days of written demand for same from Owner.

3. SCHEDULE

3.1 Owner shall provide and maintain an overall milestone schedule for the Project which not only includes the Pre-Construction Phase and Construction Phase Services to be provided by Construction Contractor hereunder, but also shall include Design Professional's performance schedules (Master Project Schedule, included with each WORK AUTHORIZATION). The Master Project Schedule may be updated from time to time as required by the Owner.

3.2 For each WORK AUTHORIZATION, Construction Contractor shall prepare and provide the various schedules set forth in Exhibit B to the Agreement. Said schedules shall incorporate the milestones in the Master Project Schedule, and shall be updated by Construction Contractor monthly, or as often as is specified in Exhibit B to the Agreement. Construction Contractor's submittal of satisfactory schedules and updates thereto and Owner's acceptance of same shall be a condition precedent to Owner's obligation to pay Construction Contractor.

4. PROGRESS PAYMENTS

4.1 Construction Contractor's monthly Applications for Payment shall be in such form and contain such detail and backup as Owner reasonably may require. The first Application for Payment shall be submitted no earlier than thirty (30) days after the Pre-Construction Phase Commencement Date.

4.2 At the time it submits its first monthly Application for Payment to Owner following GMP approval, Construction Contractor also shall submit to Owner and Design Professional, for their review, an updated Schedule of Values based upon the GMP proposal; in a format prescribed by the Owner, listing the major elements of the Work and the dollar value for each element. That Schedule of Values, as further revised to reflect the final negotiated GMP amount and as approved by Owner, shall be used as the basis for Construction Contractor's monthly Applications for Payment thereafter. This revised Schedule of Values shall be updated for the current month Change Orders and Construction Change Directives and submitted each month to Design Professional along with a completed and notarized copy of the Application for Payment form prescribed by the Owner.

4.3 If payment is requested on the basis of materials and equipment not incorporated into the Project, but delivered and suitably stored at the site, the Application for Payment shall also be accompanied by a bill of sale, invoice or other documentation warranting that Owner has received the materials and equipment free and clear of all liens, charges, security interests and encumbrances, all of which shall be subject to Owner's satisfaction. Owner has the discretion whether or not to pay for such unincorporated materials.

4.4 Construction Contractor shall submit three (3) notarized original copies of its monthly Application for Payment to Design Professional each month for Work performed during the previous month, not less than five (5) business days prior to the deadline for submission identified in the Owner's published payment processing schedule. The form of Application for Payment shall be a notarized AIA Document G702, Application and Certification for Payment, supported by AIA Document G703, Continuation Sheet. Invoices received after each month's deadline shall be considered for payment as part of the next month's application. Within five (5) business days after receipt of each Application for Payment, Design Professional shall submit to Owner a Certificate for Payment in the amount recommended by Design Professional as being due and owing Construction Contractor. Owner shall pay

Construction Contractor that portion of Design Professional's Certificate for Payment which Owner approves as being due and owing Construction Contractor in accordance with the Owner's published payment processing schedule.

4.5 Owner shall retain ten percent (10%) of that portion of the gross amount (less reimbursable items) of each monthly payment request certified by Design Professional and approved by Owner for payment, until fifty percent completion of the Work. Upon fifty percent completion of the Work, the amount of retainage thereafter withheld by Owner from subsequent payment shall be reduced to 5% of that portion of the gross amount (less reimbursable items) of each monthly payment request certified by Design Professional and approved by Owner for payment unless Construction Contractor has elected to withhold a higher amount from subcontractors as allowed by law, in which case the higher amount shall be retained by Owner. Upon achieving fifty percent (50%) completion of the Work, and when requested by the Contractor, the Owner may release half of the amount previously retained. Owner reserves the right, at its sole discretion, to further reduce the amounts retained on any subsequent monthly payment request prior to final payment. Provided, however, nothing in this Section 4.5 shall preclude or limit the Owner's right to withhold payment as otherwise permitted by the terms of the Contract Documents or as permitted by law.

4.6 When requested by the Contractor, the Owner may authorize final payment to subcontractors who have satisfactorily completed their respective portion of the Work, provided that such Work has been accepted by the Contractor and the Design Professional as complete, and provided that the necessary releases, lien waivers and surety consents have been provided. Such payments shall not diminish or qualify the contractor's obligation to complete the Work within the Contract Time.

4.7 Contractor shall pay its Subcontractors for all work satisfactorily completed on the Project, regardless of any other debts, claims or back-charges that may be owed by Subcontractors to Contractor on other projects. Provided the Subcontractor has satisfactorily performed its work on the Project, Contractor shall not be entitled to use funds otherwise due the Subcontractor from one project as a set off against claims, debts or back-charges that may be owed by Subcontractor to Contractor on other construction projects.

4.8 Monthly payments to Construction Contractor shall in no way imply approval or acceptance of Construction Contractor's work.

4.9 Each Application for Payment shall be accompanied by a Release and Affidavit, in the form prescribed by the Owner showing that all materials, labor, equipment and other bills associated with that portion of the Work payment is being requested on have been paid in full through the previous month's Application for Payment. Owner shall not be required to make payment until and unless the affidavit is furnished by Construction Contractor. Further, if Construction Contractor is withholding any portion of a payment to any subcontractor for any labor, services, or materials for which

Owner has paid Construction Contractor, Construction Contractor agrees to refund such money to Owner.

5. PAYMENTS WITHHELD

5.1 Design Professional shall review each Application for Payment submitted by Construction Contractor and shall make recommendations to Owner as to the proper amounts, if any, which may be owed Construction Contractor under the Application for Payment. Design Professional's payment recommendation shall be evidenced by a Certificate for Payment issued by Design Professional to Owner. All Certificates for Payment are subject to Owner's review and approval. Both Design Professional and Owner shall have the right to refuse to certify or approve for payment any amounts, or portions thereof, requested by Construction Contractor in an Application for Payment, or rescind any amount previously certified and approved in a Certificate for Payment, and Owner may withhold any payments otherwise due Construction Contractor under this Contract or any other agreement between Owner and Construction Contractor, to the extent it is reasonably necessary, to protect Owner from any expense, cost or loss attributable to: (a) defective or deficient Work not properly remedied in accordance with the terms of the Contract Documents; (b) the filing or reasonable evidence indicating the probable filing of third party claims against Owner attributable to the fault or neglect of Construction Contractor; (c) Construction Contractor's failure to make timely and proper payments to all subcontractors and suppliers; (d) reasonable evidence that the remaining Work cannot be completed for the unpaid Contract Amount balance; (e) reasonable evidence indicating that the remaining Work cannot be completed within the remaining Contract Time; (f) Construction Contractor's failure to satisfactorily prosecute the Work in accordance with the requirements of the Contract Documents; or (g) any other material breach of the requirements of the Contract Documents by Construction Contractor. Owner shall have the right, but not the obligation, to take any corrective action Owner deems appropriate to cure any of the above noted items, at Construction Contractor's expense, if such items are not cured by Construction Contractor to Owner's reasonable satisfaction within five (5) days after Construction Contractor's receipt of written notice from Owner.

6. FINAL PAYMENT

6.1 Owner shall make final payment to Construction Contractor within sixty (60) calendar days after the Work is finally accepted by Owner in accordance with Paragraph 22.2 herein, provided that Construction Contractor first, and as an explicit condition precedent to the accrual of Construction Contractor's right to final payment, shall have furnished Owner with the following:

6.1.1 a properly executed and notarized final release (conditioned only upon receipt of final payment) in the form of the Release and Affidavit prescribed by the Owner as of the date of this agreement:

6.1.2 a duly executed copy of the surety's consent to final payment;

6.1.3 evidence of payment to all subcontractors and suppliers in a form and containing such detail as may be required by Owner;

6.1.4 an accounting in a form acceptable to Owner of the use of funds allocated for General Condition work items;

6.1.5 such other documentation that may be required by the Contract Documents or Owner.

6.2 Construction Contractor's acceptance of final payment shall constitute a full waiver of any and all claims by Construction Contractor against Owner arising out of this Contract pursuant to the WORK AUTHORIZATION or otherwise relating to the Project for which final payment is made, except those identified in writing by Construction Contractor as unsettled in the final Application for Payment. Neither the acceptance of the Work nor payment by Owner shall be deemed to be a waiver of Owner's right to enforce any obligations of Construction Contractor hereunder or to the recovery of damages for defective Work not discovered by Owner or Design Professional at the time of final inspection, and/or payment.

7. SUBMITTALS AND SUBSTITUTIONS

7.1 Construction Contractor shall carefully examine the Contract Documents for all requirements for approval of materials to be submitted such as shop drawings, data, test results, schedules and samples. Construction Contractor shall submit all such materials at its own expense and in such form and manner as required by the Contract Documents in sufficient time to prevent any delay in the delivery of such materials and the installation thereof. Construction Contractor shall also carefully review and certify for accuracy and completeness all shop drawings and other submittals and then forward the same to Design Professional for review and action. Design Professional will transmit them back to Construction Contractor who will then issue the submittals to the affected subcontractor for fabrication or revision. Construction Contractor shall maintain a suspense control system to promote the expeditious handling of shop drawings and all other submittals. Construction Contractor shall request Design Professional to make interpretations of the drawings or specifications requested of it by the subcontractors. Construction Contractor shall advise Design Professional in writing which submittals or requests for clarification have the greatest urgency; the purpose being to enable Design Professional to prioritize requests coming from Construction Contractor. Construction Contractor shall advise Owner and Design Professional in writing when timely response is not occurring on any of the above.

7.2 Whenever materials or equipment are specified or described in the Contract Documents by using the name of a proprietary item or the name of a particular supplier, the naming of the item is intended to establish the type, function and quality required. Unless the name is followed by words indicating that no substitution is permitted, materials or equipment of other suppliers may be accepted by Owner and

Design Professional if sufficient information is submitted by Construction Contractor to allow Owner and Design Professional to determine that the material or equipment proposed is equivalent or equal to that named. Requests for review of substitute items of material and equipment will not be accepted by Owner from anyone other than Construction Contractor. All such requests, to the extent possible, should be submitted by Construction Contractor to Design Professional prior to the setting of the GMP.

7.3 If Construction Contractor wishes to furnish or use a substitute item of material or equipment, Construction Contractor shall make application to Design Professional for acceptance thereof, certifying that the proposed substitute shall perform adequately the functions and achieve the results called for by the general design, be similar and of equal substance to that specified and be suited to the same use as that specified. The application shall state that the evaluation and acceptance of the proposed substitute will not prejudice Construction Contractor's achievement of substantial completion on time, whether or not acceptance of the substitute for use in the Work will require a change in any of the Contract Documents (or in the provisions of any other direct contract with Owner for the Project) to adapt the design to the proposed substitute and whether or not incorporation or use by the substitute in connection with the Work is subject to payment of any license fee or royalty. All variations of the proposed substitute from that specified will be identified in the application and available maintenance, repair and replacement service shall be indicated. The application also shall contain an itemized estimate of all costs that will result directly or indirectly from acceptance of such substitute, including costs for redesign and claims of other contractors affected by the resulting change, all of which shall be considered by Design Professional in evaluating the proposed substitute. Design Professional may require Construction Contractor to furnish at Construction Contractor's expense additional data about the proposed substitute.

7.4 If a specific means, method, technique, sequence or procedure of construction is indicated in or required by Contract Documents, Construction Contractor may furnish or utilize a substitute means, method, technique, sequence or procedure of construction acceptable to Design Professional, if Construction Contractor submits sufficient information to allow Design Professional to determine that the substitute proposed is equivalent to that indicated or required by the Contract Documents. The procedures for submission to and review by Design Professional shall be the same as those provided herein for substitute materials and equipment.

7.5 Design Professional shall be allowed a reasonable time within which to evaluate each proposed substitute. Design Professional and Owner shall be the sole judges of the acceptability of any substitute. No substitute shall be ordered, installed or utilized without Owner's and Design Professional's prior written acceptance which shall be evidenced by either a Change Order or an approved submittal. Owner may require Construction Contractor to furnish at Construction Contractor's expense a special performance guarantee or other surety with respect to any substitute. If Owner rejects the proposed substitute, at Owner's discretion, Owner may require

Construction Contractor to reimburse Owner for the charges of Design Professional and Design Professional's consultants for evaluating the proposed substitute.

8. PRE-CONSTRUCTION PHASE SERVICES

Construction Contractor shall provide the following review and commentary services, in addition to any other Pre-Construction Phase Services required by the terms of this Contract:

8.1 Review, Recommendations and Warranty: Construction Contractor shall familiarize itself thoroughly with the evolving architectural, civil, mechanical, plumbing, electrical and structural plans and specifications and shall follow the development of design from Schematic Pre-Construction Phase through Construction Documents Phase (as those phases are defined in the Design Agreement and as the timing of the WORK AUTHORIZATION allows). Construction Contractor shall make recommendations with respect to the selection of systems and materials, and cost-reducing alternatives including assistance to Design Professional and Owner in evaluating alternative comparisons versus long term cost effects. The evaluation shall address the benefits of the speed of erection and early completion of the Work. Construction Contractor shall furnish pertinent information as to the availability of materials and labor that will be required. Construction Contractor shall submit to Owner and Design Professional such comments as may be appropriate concerning construction feasibility and practicality. Construction Contractor shall call to Owner's and Design Professional's attention any defects in the design, drawings and specifications or other documents of which it is aware. Construction Contractor shall prepare estimates of the construction cost utilizing the unit quantity survey method in a format prescribed by the Owner. These estimates shall be performed following each design phase, including Schematic Design; Design Development; and 60% Construction Documents, after which shall follow the setting of the GMP.

8.2 Review Reports: Within ten business (10) days after receiving the documents produced by Design Professional, Construction Contractor shall perform a specific review thereof, focused upon factors of a nature encompassed in Paragraph 8.1 above and on factors set out in Paragraphs 8.3 and 8.4 below. Within the same ten (10) day period, Construction Contractor shall submit to Owner, with copies to Design Professional, a written report covering suggestions or recommendations previously submitted, additional suggestions or recommendations as Construction Contractor may deem appropriate, and all actions taken by Design Professional with respect to same, any comments Construction Contractor may deem to be appropriate with respect to separating the Work into separate subcontracts, alternative materials, and any other appropriate or required comments.

AT THE TIME THE GMP IS MUTUALLY ESTABLISHED, EXCEPT ONLY AS TO SPECIFIC MATTERS AS MAY BE IDENTIFIED IN THE WORK AUTHORIZATION, THE CONSTRUCTION CONTRACTOR SHALL BE DEEMED TO HAVE WARRANTED TO OWNER, WITHOUT ASSUMING ANY ARCHITECTURAL OR

ENGINEERING RESPONSIBILITY, THAT THE CONSTRUCTION DOCUMENTS ARE CONSISTENT WITH EACH OTHER, PRACTICAL, FEASIBLE AND CONSTRUCTABLE. FURTHER, THE CONSTRUCTION CONTRACTOR SHALL BE DEEMED TO HAVE WARRANTED TO OWNER THAT THE WORK DESCRIBED IN THE CONSTRUCTION DOCUMENTS IS CONSTRUCTABLE WITHIN THE CONTRACT TIME.

8.3 Long Lead Procurement: Construction Contractor shall review the Project design for the purpose of identifying long lead procurement items (machinery, equipment, materials and supplies) and consult with Design Professional concerning same. When each item is identified, Construction Contractor shall notify prospective subcontractors, Owner and Design Professional of the required procurement and schedule. Such information shall be included in the bid documents and made a part of all affected subcontracts. Construction Contractor shall keep itself informed of the progress of the respective subcontractors or suppliers manufacturing or fabricating such items, and revise the Construction Schedule when required as a result of delays in delivery. Delays in delivery time for long lead procurement items will not entitle Construction Contractor to a time extension for completion of the Project.

8.4 Interfacing:

8.4.1 Construction Contractor shall take such measures as are appropriate to provide that all construction requirements will be covered in the separate procurement of long lead items, the separate construction subcontractors and the general conditions items without duplication or overlap, and are sequenced to maintain completion of all Work on schedule.

8.4.2 Without assuming any design responsibilities of Design Professional, Construction Contractor shall include in the reports required under Paragraph 8.2 above, comments on overlap with any other separate subcontracts, omissions, lack of correlation between drawings, and any other deficiencies noted, in order that Design Professional may arrange for necessary corrections.

9. CONSTRUCTION PHASE SERVICES

Construction Contractor shall provide the following services in addition to any other Construction Phase Services required by the terms of this Contract:

9.1 Construction Contractor shall arrange for all job-site facilities as required by Owner and necessary to enable Construction Contractor and Design Professional to perform their respective duties and to accommodate any representatives of Owner which Owner may choose to have present on the job, the description of such facilities to be finalized prior to the establishment of the GMP.

9.1.1 Tangible personal property, otherwise referred to as job-site facilities, include, but are not limited to such things as trailers, toilets, computers and any other equipment necessary to carry on the Work. The method of acquiring

such job-site facilities shall be evaluated based on their cost over the life of the Project. Construction Contractor shall present its evaluation with recommendation to Owner for approval.

9.1.2 When Construction Contractor wishes to supply job-site facilities from its own equipment pool, it shall first evaluate buy versus lease as discussed in subparagraph 9.1.1 above. If leasing is found to be the least expensive approach, then it may lease such job-site facilities from its own equipment pool at a price not greater than the lowest of three (3) lease proposals obtained by Construction Contractor.

9.1.3 For all such job-site facilities purchased, which may become the property of Owner at the conclusion of the Work, Construction Contractor shall maintain ownership responsibilities of such facilities until final acceptance of the Work. Reimbursement for cost of such equipment will be made at the conclusion of the Work at the documented purchase price. At that time, Construction Contractor shall provide Owner with a complete inventory for each unit of equipment. The inventory shall describe the equipment and identify the purchase price, serial number, model number and condition. Where said equipment has a title, said title shall be properly transferred to Owner or to its designee.

9.1.4 Construction Contractor is responsible for proper care and maintenance of all equipment while in its control. At the time of transfer to Owner, Owner may refuse acceptance of the equipment if Owner determines, in its sole discretion, that the equipment has not been properly cared for by Construction Contractor or that such acquisition would not otherwise be in the best interest of Owner. In such event, Construction Contractor will be reimbursed for such item in accordance with Section 5 of the Agreement.

9.2 Construction Contractor's administration of the Work shall include the following:

9.2.1 Maintain a log of daily activities, including manpower records, weather, delays, major decisions, etc.

9.2.2 Maintain a roster of companies on the Project with names and telephone numbers of key personnel.

9.2.3 Establish and enforce job rules governing parking, clean-up, use of facilities and worker discipline.

9.2.4 Provide labor relations management for a harmonious, productive Project.

9.3 Construction Contractor also shall provide job site administration functions during construction to assure proper documentation, including but not limited to the following:

9.3.1 Job Meetings: Conduct a preconstruction conference with each subcontractor after award of the subcontract and prior to the start of its portion of the Work. Hold weekly progress and coordination meetings, or more frequently if required by Work progress, to provide for the timely completion of the Work. In addition, Construction Contractor shall arrange and conduct regular monthly Project status meetings with Design Professional and Owner. Construction Contractor shall use the job site meetings as a tool for the preplanning of Work and enforcing schedules, and for establishing procedures, responsibilities, and identification of authority for all parties to clearly understand. During these meetings, Construction Contractor shall identify the party or parties responsible for following up on any problems, delay items or questions, and Construction Contractor shall note the action to be taken by such party or parties. Construction Contractor shall revisit each pending item at each subsequent meeting until resolution is achieved.

9.3.2 Shop Drawing Submittals/Approvals: Provide staff to review and approve shop drawings and other submittals and to implement procedures for transmittal to Design Professional of such submittals for action, and closely monitor their review process.

9.3.3 Material and Equipment Expediting: Provide staff to closely monitor material and equipment deliveries, check and follow-up on supplier commitments for Construction Contractor and all subcontractors and maintain a material and equipment expediting log.

9.3.4 Payments to Subcontractors: Develop and implement a procedure for the review, processing and payment of applications by subcontractors for progress and final payments.

9.3.5 Document Interpretation: Refer all questions for interpretation of the Contract Documents to Design Professional in writing.

9.3.6 Reports and Project Site Documents: Record the progress of the Work. Submit written progress reports to Owner and Design Professional, including information on subcontractors' Work, and the percentage of completion. Keep a daily log available to Owner, Design Professional, and any permitting authority inspectors.

9.3.7 Subcontractors Progress: Prepare periodic punch lists for the Work, including work of subcontractors', identifying unsatisfactory or incomplete items and schedules for their completion.

9.3.8 Substantial Completion: Pursuant to the provisions of Paragraph 22.1 of these General Terms and Conditions, ascertain when the Work or designated portions thereof are ready for Design Professional's Substantial Completion inspections. From the punch lists of incomplete or unsatisfactory items prepared by Construction Contractor and reviewed and supplemented by Design Professional, prepare a schedule for their completion indicating completion dates for Owner's review.

9.3.9 Final Completion: Monitor the completion of the Work and provide notice to Owner and Design Professional when the Work is ready for final inspection. Secure, review and certify compliance with the Contract Documents, then transmit to Owner, through Design Professional, all required guarantees, warranties, affidavits, releases, bonds, waivers, manuals, record drawings, and maintenance books.

9.3.10 Start-Up: With Owner's personnel, direct the check-out of utilities, operations, systems and equipment for readiness and assist in their initial start-up and testing.

9.3.11 Record Drawings: Pursuant to the terms of Paragraph 10.2 hereafter, Construction Contractor shall monitor the progress of its own forces and its subcontractors on marked up field prints which shall be developed by Construction Contractor into the final record drawings.

9.4 Construction Contractor shall maintain at the Project site, originals or copies of, on a current basis, all Project files and records. The Project files and records shall be available at all times to Owner and Design Professional or their designees for reference, review or copying.

9.5 Construction Contractor shall provide the following services with respect to the Work, to facilitate the smooth, successful and timely occupancy of the Project by Owner:

9.5.1 Construction Contractor shall provide consultation and Project management to facilitate Owner's occupancy of the Project and provide transitional services to place the Work "on line" in such conditions as will satisfy Owner's operations requirements. The services include Construction Contractor's coordination of the delivery of Owner supplied furniture, fixtures and equipment for the Project.

9.5.2 Construction Contractor shall catalog operational and maintenance requirements of equipment to be operated by maintenance personnel and convey these to Owner in such a manner as to promote their usability. Construction Contractor shall provide Owner's operations and maintenance personnel with operations and maintenance training with respect to the equipment and systems being provided as part of the Work. This training may

be video taped by Owner for subsequent presentation to Owner's operations and maintenance personnel.

9.5.3 Construction Contractor shall secure required guarantees and warranties, and shall assemble and deliver same to Owner in the manner required by Owner.

10. DAILY REPORTS, RECORD CONTRACT DOCUMENTS AND MEETINGS

10.1 Construction Contractor shall prepare, maintain and submit to Design Professional and Owner, for their review and approval, the various logs, reports, and schedules set forth in Exhibit B to the Agreement. Construction Contractor's complete performance of its obligation to prepare, maintain and submit those logs, reports, and schedules is a condition precedent to Owner's obligation hereunder to make any payments to Construction Contractor. These logs, reports and schedules shall not constitute nor take the place of any notice required to be given by Construction Contractor to Owner or Design Professional pursuant to the Contract Documents.

10.2 Construction Contractor shall maintain in a safe place at the Project site one record copy and one permit set of the Contract Documents, including, but not limited to, all drawings, specifications, addenda, amendments, Change Orders, Construction Change Directive and Field Orders, as well as all written interpretations and clarifications issued by Design Professional, in good order and annotated to show all changes made during construction. The record Contract Documents shall be continuously updated by Construction Contractor throughout the prosecution of the Work to accurately reflect all field changes that are made to adapt the Work to field conditions, changes resulting from Change Orders, Construction Change Directive and Field Orders, and all concealed and buried installations of piping, conduit and utility services. Construction Contractor shall certify the accuracy of the updated record Contract Documents. As a condition precedent to Owner's obligation to pay Construction Contractor, Construction Contractor shall provide evidence, satisfactory to Owner and Design Professional, that Construction Contractor is fulfilling its obligation to continuously update the record Contract Documents. The record Contract Documents shall be clean and all changes, corrections and dimensions shall be given in a neat and legible manner in red. The record Contract Documents, together with all approved samples and a counterpart of all approved shop drawings shall be available to Owner and Design Professional for reference. Upon completion of the Work and as a condition precedent to Construction Contractor's entitlement to final payment, the record Contract Documents shall be delivered to Design Professional by Construction Contractor for Owner.

10.3 Construction Contractor shall advise Owner, its representatives and Design Professional of their requested or required participation in any meeting or inspection giving each written notice at least 48 hours prior to the meeting or inspection.

11. CONTRACT TIME AND TIME EXTENSIONS

11.1 Construction Contractor shall diligently pursue the completion of the Work and coordinate the Work being done on the Project by its subcontractors and materialmen, as well as coordinating its Work with all work of others at the Project site, so that its Work or the work of others shall not be delayed or impaired by any act or omission by Construction Contractor or anyone for whom Construction Contractor is liable. Unless expressly noted otherwise in the Contract Documents, Construction Contractor shall be solely responsible for all construction means, methods, techniques, sequences, and procedures, as well as coordination of all portions of the Work under the Contract Documents, and the coordination of Owner's suppliers and contractors as set forth in Section 14 herein.

11.2 Should Construction Contractor be obstructed or delayed in the prosecution of or completion of the Work as a result of unforeseeable causes beyond the control of Construction Contractor, and not due to its fault or neglect, including but not restricted to acts of God or of the public enemy, acts of government, fires, floods, epidemics, quarantine regulation, strikes, lockouts, unusually severe weather conditions by comparison with the ten-year Volusia County, Florida, average not reasonably anticipatable, Construction Contractor shall notify Owner and Design Professional in writing within seven (7) calendar days after the commencement of such delay, stating the cause or causes thereof, or be deemed to have waived any right which Construction Contractor may have had to request a time extension.

11.2.1 Owner shall have the right, at any time, whether or not Construction Contractor is behind schedule, to order Construction Contractor to accelerate its Work. In the event that Owner orders Construction Contractor to accelerate its Work and Construction Contractor (i) is not behind schedule and (ii) believes that acceleration will increase the cost of performance, Construction Contractor, shall be required to submit a Claim for increase pursuant to Section 13 of this Agreement. Any such claim shall be based exclusively and solely on actual and direct increased field costs associated with the acceleration.

11.3 If Construction Contractor encounters on the Project site any materials reasonably believed by Construction Contractor to be petroleum or petroleum related products or other hazardous or toxic substances which have not been rendered harmless, Construction Contractor immediately shall (i) stop Work in the area affected and (ii) report the condition to Owner in writing. If the Work is so stopped and hazardous material is found, the Work in the affected area shall not thereafter be resumed except by Change Order. Any such Change Order shall include, but not be limited to, an adjustment to the Contract Time as appropriate. If no hazardous material is found after the Work is stopped, no Change Order is required to resume the Work in the affected area. Further, if the hazardous material was generated or caused by Construction Contractor or any of its employees, agents, subcontractors, or material suppliers, no Change Order will be required for an adjustment in the Contract Time

and Construction Contractor shall indemnify Owner and hold Owner harmless for any costs incurred by Owner with respect to such hazardous material.

11.4 No interruption, interference, inefficiency, suspension or delay in the commencement or progress of the work from any cause whatsoever, including those for which Owner and Design Professional may be responsible, in whole or in part, shall relieve the Contractor of its duty to perform or give rise to any rights to damages or additional compensation from Owner unless specifically provided for in this paragraph. If the Contractor is delayed at any time in the progress of the work due to causes outside of its control, or the control of its subcontractors or suppliers, the Construction Contractor may submit a change order requesting an extension of the Contract Time in accordance with the procedure established in this agreement. The Construction Contractor warrants by execution of the Contract that the Construction Contractor has accounted for and anticipated foreseeable delays and that the work can be completed within the Contract Time. Any delay shall be deemed to be the fault of Contractor, unless a change in the Contract Time for the delay has been approved through a Change Order. Any extension of the Contract Time shall be net of any foreseeable delays or other delays attributable to the Contractor. No extension of the Contract Time shall increase the Contract Sum unless and until the Construction Contractor demonstrates to the satisfaction of the Owner that the Substantial Completion will be delayed beyond a date selected for Substantial Completion in this Contract. For each day Substantial Completion is so delayed as a result of an approved extension of the Contract Time, on grounds other than adverse weather conditions, Construction Contractor shall be entitled to a proportional increase in the allowance for general conditions and the corresponding increase in the Contract Sum, but no more. Construction Contractor agrees and warrants that it waives all other damages or costs that it may incur as a result of delay to its performance other than specifically set forth in this paragraph. The Contract Sum shall not be increased as a result of extension of the Contract Time to the extent the extension of time results from adverse weather conditions or any other cause outside the control of the Owner.

12. CHANGES IN THE WORK

12.1 Owner shall have the right at any time during the progress of the Work to increase or decrease the Work. Promptly after being notified of a change, but in no event more than fourteen (14) days after its receipt of such notification (unless Owner has agreed in writing to a longer period of time), Construction Contractor shall submit an itemized estimate of any cost or time increases or savings it foresees as a result of the change. Except in an emergency endangering life or property, or for minor changes ordered by Design Professional that will not result in an increase in compensation or adjustment to the Contract Time, no addition or changes to the Work shall be made except upon written order of Owner, and Owner shall not be liable to Construction Contractor for any increased compensation or adjustment to the Contract Time without such written order. NO OFFICER, EMPLOYEE OR AGENT OF OWNER IS AUTHORIZED TO DIRECT ANY EXTRA OR CHANGED WORK ORALLY.

12.2 A Change Order shall be prepared by Construction Contractor, reviewed by Design Professional and Owner, and executed promptly by the parties after an agreement is reached between Construction Contractor and Owner concerning the requested changes. Construction Contractor shall promptly perform changes authorized by duly executed Change Orders. The Contract Amount and Contract Time shall be adjusted in the Change Order in the manner as Owner and Construction Contractor shall mutually agree.

12.3 If Owner and Construction Contractor are unable to agree on a Change Order for the requested change, Construction Contractor shall, nevertheless, promptly perform the change as directed by Owner in a written Construction Change Directive. In that event, the Contract Amount and Contract Time shall be adjusted as directed by Owner. If Construction Contractor disagrees with Owner's adjustment determination, Construction Contractor must make a claim pursuant to Section 13 of these General Conditions or else be deemed to have waived any claim it might otherwise have had on that matter.

12.4 In the event a requested change is approved by Owner which results in either an increase or decrease to the Contract Amount, a Change Order shall be issued which increases or decreases the GMP by the amount of Construction Contractor's actual and reasonable direct Cost of the Work (including bond premiums).

12.5 Notwithstanding any provision herein to the contrary, the amounts for combined overhead and profit for Change Orders and Construction Change Directives are as follows:

1. For the Contractor, for Work performed by the Contractor's own forces or increases in any bond premiums; a percentage of the cost equal to that used to establish the Construction Contractor's fee.
2. For the Contractor, for Work performed by the Contractor's Subcontractor; a percentage of the amount due the Subcontractor equal to that used to establish the Construction Contractor's fee.
3. For each Subcontractor or Sub-subcontractors involved, the Work performed by that Subcontractor or Sub-subcontractor's own forces; ten percent (10%) of the cost.
4. For each Subcontractor, the Work performed by the Subcontractor's Sub-subcontractor's; five percent (5%) of the amount due the Sub-subcontractor.
5. No further tiering of the Sub-subcontractors will be allowed mark-up for overhead and profit.
6. Cost to which overhead and profit is to be applied shall be determined in accordance with Section 5 of this Agreement.
7. In order to facilitate checking of quotations for extras or credits, all proposals, except those so minor that their propriety can be seen by inspection, shall be accomplished by a complete itemization of costs including labor, materials and Subcontracts. Labor and materials shall be itemized in the

manner prescribed above. Where major cost items are Subcontracts, they shall be itemized also. In no case will a change involving over \$100.00 be approved without such itemization.

12.6 Owner shall have the right to conduct an audit of Construction Contractor's books and records, as well as those of its subcontractors and suppliers, to verify the accuracy of Construction Contractor's claim with respect to Construction Contractor's costs associated with any Change Order or Construction Change Directive.

12.7 Design Professional may direct Construction Contractor to make nonmaterial changes to the Work, so long as such changes do not require or result in any adjustment to the Contract Amount, Contract Time or Project quality, and are generally within the scope of the Work. All such changes must be evidenced by a written order from Design Professional to Construction Contractor, with a copy to Owner. Construction Contractor shall comply with all such orders.

12.8 When the GMP includes an Owner's Contingency Allowance, changes in the work may be authorized as a Contingency Adjustment. The procedures for Contingency Adjustments are the same as for Change Orders and Construction Change Directives, except that no increase or decrease to the GMP results. Costs for Contingency Adjustments shall not include amounts for Contractor's overhead and profit or adjustments to the Contractor's fee. If Owner and Construction Contractor are unable to agree on a Contingency Adjustment for the requested change, Construction Contractor shall, nevertheless, promptly perform the change as directed by Owner in a written Construction Change Directive. In that event, the Contract Amount and Contract Time shall be adjusted as directed by Owner. If Construction Contractor disagrees with Owner's adjustment determination, Construction Contractor must make a claim pursuant to Section 13 of these General Conditions or else be deemed to have waived any claim it might otherwise have had on that matter.

13. CLAIMS AND DISPUTES / JURISDICTION / VENUE / WAIVER OF JURY TRIAL / STATUTE OF LIMITATIONS /LIMITATION OF DAMAGES

13.1 The term "Claim" as used herein shall mean any and all demands made by one party hereunder against the other party, whether such demand be for money, time or the assertion of any right or obligation that arises out of the Contract Documents.

13.2 Initial notice of Claims by Construction Contractor shall be made in writing to Owner and Design Professional within fourteen (14) calendar days after the first day of the event giving rise to such Claim or else Construction Contractor shall be deemed to have waived the Claim. Written supporting data shall be submitted to Owner and Design Professional within thirty (30) calendar days after the occurrence of the event, unless Owner grants additional time in writing, or else Construction Contractor shall be deemed to have waived the Claim. All Claims shall be priced in accordance with the provisions of Paragraph 12.5 hereof.

13.3 Construction Contractor shall proceed diligently with its performance as directed by Owner, regardless of any pending Claim, unless otherwise agreed to by Owner in writing. Owner shall continue to make payments in accordance with the Contract Documents during the pendency of any Claim.

13.4 Prior to the initiation of any action or proceeding permitted by this Contract to resolve disputes between the parties, the parties shall make a good faith effort to resolve any such disputes by negotiation between representatives with decision-making power. Failing resolution, and prior to the commencement of depositions in any litigation between the parties with respect to the Project, the parties shall attempt to resolve the dispute through mediation before an agreed upon Circuit Court Mediator certified by the State of Florida. Should either party fail to submit to mediation as required hereunder, the other party may request a court of law to order mediation under Florida Statutes Section 44.102.

13.5 Any litigation between Owner and Construction Contractor (which term for the purposes of this subparagraph shall include Construction Contractor's surety), whether arising out of any Claim or arising out of the Contract or any breach thereof, shall be brought, maintained and pursued only in the appropriate State courts of the State of Florida; and Owner and Construction Contractor each hereby waive and renounce any and all rights and options which they, or either of them, have or might have to bring or maintain any such litigation or action in the Federal Court system of the United States or in any United States Federal District Court. Venue of any such litigation between Owner and Construction Contractor shall lie and be only in the appropriate State courts of the State of Florida's Seventh Judicial Circuit in and for Volusia County, Florida. Construction Contractor consents and submits to the jurisdiction of any such court and agrees to accept service of process from the State of Florida in any matter to be submitted to any such court.

13.6 Contractor and Owner expressly waive any claim for consequential damages against the other including but not limited to, a waiver of claims for diminished bonding capacity, loss of financing, loss of business reputation, lost profits on other projects or other lost opportunity damage claims.

13.7 Contractor expressly agrees that any claim (tort, contract, claim in equity, or otherwise) by Contractor for damages against Owner shall not exceed the total amount of the contract price, less any amounts actually paid to the Contractor by the Owner (or by an insurer of the Owner).

13.8 All liability of the City allegedly resulting from, arising out of or connected with this Agreement, or from the performance or breach thereof, shall terminate three years from the termination of this Agreement, or the event in which the claim arose, whichever is sooner.

13.9 THE PARTIES HEREBY KNOWINGLY, VOLUNTARILY AND INTENTIONALLY WAIVE ANY RIGHT WHICH ANY PARTY MAY HAVE TO TRIAL BY JURY IN RESPECT OF ANY PROCEEDING, LITIGATION OR COUNTERCLAIM BASED ON, OR ARISING OUT OF, UNDER OR IN CONNECTION WITH THIS AGREEMENT OR ANY COURSE OF CONDUCT, COURSE OF DEALING, STATEMENTS (WHETHER VERBAL OR WRITTEN) OR ACTIONS OF ANY PARTY. IF THE SUBJECT MATTER OF ANY LAWSUIT IS ONE IN WHICH THE WAIVER OF JURY TRIAL IS PROHIBITED, NO PARTY TO THIS AGREEMENT SHALL PRESENT AS A NON-COMPULSORY COUNTERCLAIM IN ANY SUCH LAWSUIT ANY CLAIM BASED ON, OR ARISING OUT OF, UNDER OR IN CONNECTION WITH THIS AGREEMENT. FURTHERMORE, NO PARTY TO THIS AGREEMENT SHALL SEEK TO CONSOLIDATE ANY SUCH ACTION IN WHICH A JURY TRIAL CANNOT BE WAIVED.

14. OTHER WORK

14.1 Owner may perform other work related to the Project at the site by Owner's own forces, have other work performed by utility owners or let other direct contracts. If the fact that such other work is to be performed is not noted in the Contract Documents, written notice thereof will be given to Construction Contractor prior to starting any such other work. If Construction Contractor believes that such performance will involve additional expense to Construction Contractor or require additional time, Construction Contractor shall send written notice of that fact to Owner and Design Professional within seven (7) calendar days of being notified of the other work. If Construction Contractor fails to send the above required seven (7) calendar days' notice, Construction Contractor will be deemed to have waived any rights it otherwise may have had to seek an extension to the Contract Time or adjustment to the Contract Amount.

14.2 Construction Contractor shall afford each utility owner and other contractor who is a party to such a direct contract (or Owner, if Owner is performing the additional work with Owner's employees) proper and safe access to the site and a reasonable opportunity for the introduction and storage of materials and equipment and the execution of such work and shall properly connect and coordinate its Work with theirs. Construction Contractor shall do all cutting, fitting and patching of the Work that may be required to make its several parts come together properly and integrate with such other work. Construction Contractor shall be responsible for all damage to the work of others caused by the performance of its Work. Further, Construction Contractor shall not in any way cut or alter the work of others without first receiving the written consent of that other person and Design Professional.

14.3 If any part of Construction Contractor's Work depends for proper execution or results upon the work of any other contractor or utility owner (or Owner), Construction Contractor shall inspect and promptly report to Design Professional in writing any delays, defects or deficiencies in such work that render it unavailable or unsuitable for such proper execution and results. Such report must be made within seven (7)

calendar days of the time Construction Contractor first became aware of the delay, defect or deficiency or by the scheduled commencement of Construction Contractor's dependent Work, whichever occurs first. Construction Contractor's failure to report within the allotted time will constitute an acceptance of the other work as fit and proper for integration with Construction Contractor's Work.

15. INSURANCE

15.1 During the term of this Agreement Construction Contractor shall provide, pay for, and maintain, with companies satisfactory to Owner, the types of insurance described on Exhibit C and as described herein. All insurance shall be from responsible companies duly authorized to do business in the State of Florida. Simultaneously with the execution and delivery of each WORK AUTHORIZATION by Construction Contractor and prior to execution of the Work, Construction Contractor has delivered to Owner properly executed Certificates of Insurance, using the standard Accord form, evidencing the fact that Construction Contractor has acquired and put in place the insurance coverages and limits required hereunder. In addition, certified, true and exact copies of all insurance policies required shall be provided to Owner, on a timely basis, if requested by Owner. These Certificates and policies shall contain provisions that thirty (30) days written notice by registered or certified mail shall be give Owner of any cancellation, intent not to renew (except for non-payment of premium which shall be ten (10) days), or reduction in the policies' coverages, except in the application of the Aggregate Limits Provisions. Construction Contractor shall also notify Owner, in a like manner, within twenty-four (24) hours after receipt, of any notices of expiration, cancellation, non-renewal or material change in coverages or limits received by Construction Contractor from its insurers, and nothing contained herein shall relieve Construction Contractor of this requirement to provide notice. In the event of a reduction in the aggregate limit of any policy to be provided by it hereunder, Construction Contractor shall immediately take steps to have the aggregate limit reinstated. All insurance coverages of Construction Contractor shall be primary to any insurance or self-insurance program carried by Owner applicable to the Project.

15.2 All insurance coverages of Construction Contractor shall be primary to any insurance or self-insurance program carried by Owner applicable to this Project, and the "Other Insurance" provisions of any policies obtained by Construction Contractor shall not apply to any insurance or self-insurance program carried by Owner applicable to the Project.

15.3 The acceptance by Owner of any Certificate of Insurance for the Project evidencing the insurance coverages and limits required in this Agreement does not constitute approval or agreement by Owner that the insurance requirements have been met or that the insurance policies shown on the Certificates of Insurance are in compliance with the requirements of this Agreement.

15.4 Before starting and until completion of all services required pursuant to each WORK AUTHORIZATION, Construction Contractor shall procure and maintain insurance of the types and to the limits specified in Exhibit C, "Insurance Requirements", which is attached hereto and made a part hereof. Construction Contractor shall require each of its subcontractors to procure and maintain, until the completion of that subcontractor's services, insurance of the types and to the limits specified in Exhibit C, unless such insurance requirement for the subcontractor is expressly waived in writing by Owner. It is the Contractor's explicit responsibility to ensure all subconsultant(s) and/or subcontractor(s) comply with these insurance requirements.

15.5 If any insurance provided pursuant to this Agreement expires prior to the completion of the services required hereunder, renewal Certificates of Insurance and, if requested by Owner, certified, true copies of the renewal policies, shall be furnished to Owner fifteen (15) days prior to the date of expiration.

15.6 Should at any time Construction Contractor not maintain the insurance coverages required in this Agreement, Owner may cancel the Agreement or at its sole discretion shall be authorized to purchase such coverages and charge Construction Contractor for such coverages purchased. If Construction Contractor fails to reimburse Owner for such costs within thirty (30) days after demand, Owner has the right to offset these costs from any amount due Construction Contractor under this Agreement. Owner shall be under no obligation to purchase such insurance, nor shall it be responsible for the coverages purchased or the insurance company/companies used. The decision of Owner to purchase such insurance coverages shall in no way be construed to be a waiver of its rights under this Agreement.

15.7 Construction Contractor, its subconsultants and Owner shall waive all rights against each other for damages covered by insurance to the extent insurance proceeds are paid and received by Owner, except such rights as they may have to the proceeds of such insurance held by any of them.

15.8 All insurance companies from whom Construction Contractor obtains the insurance policies required hereunder must meet the minimum requirements provided by City of Ormond Beach Resolution.

15.9 OWNER'S LIABILITY INSURANCE

15.9.1 Pursuant to Florida Statute 768.28

16. INDEMNIFICATION

The parties recognize that the CONTRACTOR is an independent contractor. The CONTRACTOR agrees to assume liability for and indemnify, hold harmless, and defend the CITY, its commissioners, mayor, officers, employees, agents, and attorneys of, from, and against all liability and expense, including reasonable

attorney's fees, in connection with any and all claims, demands, damages, actions, causes of action, and suits in equity of whatever kind or nature, including claims for personal injury, property damage, equitable relief, or loss of use, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the CONTRACTOR, its agents, officers, contractors, subcontractors, employees, or anyone else utilized by the CONTRACTOR in the performance of this Agreement. The CONTRACTOR's liability hereunder shall include all attorney's fees and costs incurred by the CITY in the enforcement of this indemnification provision. This includes claims made by the employees of the CONTRACTOR against the CITY and the CONTRACTOR hereby waives its entitlement, if any, to immunity under Section 440.11, Florida Statutes. Such obligations contained in this provision shall survive termination of this Agreement and shall not be limited by the amount of any insurance required to be obtained or maintained under this Agreement.

In the event of any claim arising out of the paragraph above, the CITY will elect, in its sole discretion, that either:

- 1) The CONTRACTOR assume control of the defense of any claim asserted by a third party against the CITY and, in connection with such defense, shall appoint lead counsel, in each case at the CONTRACTOR's expense. The CITY shall have the right, at its option, to participate in the defense of any third party claim, without relieving CONTRACTOR of any of its obligations hereunder. If the CONTRACTOR assumes control of the defense of any third party claim in accordance with this paragraph, the CONTRACTOR shall obtain the prior written consent of the CITY before entering into any settlement of such claim. If the CONTRACTOR assumes control of the defense and the CONTRACTOR has failed or is failing to prosecute or defend vigorously the third party claim, the CITY may assume the control of the defense as provided by subparagraph (2); or
- 2) The CITY will assume control of the defense of any third party claim, but CONTRACTOR shall pay the fees of counsel retained by the CITY and all expenses, including experts' fees.

Each party shall cooperate, and cause its agents to cooperate, in the defense or prosecution of any third party claim and shall furnish or cause to be furnished such records and information, and attend such conferences, discovery proceedings, hearings, trials, or appeals, as may be reasonably requested in connection therewith. It is further the specific intent and agreement of said parties that all the Contract Documents on this Project are hereby amended to include the foregoing indemnification. CONTRACTOR expressly agrees that it will not claim, and waives any claim, that this indemnification violates Section 725.06, Florida Statutes or is unenforceable pursuant to Section 725.06, Florida Statutes.

Nothing contained in the foregoing indemnification shall be construed as a waiver of any immunity or limitation of liability the CITY may have under the doctrine of sovereign immunity or Section 768.28, Florida Statutes.

17. CLEANUP AND PROTECTIONS

17.1 Construction Contractor agrees to keep the Project site clean at all times of debris, rubbish and waste materials arising out of the Work. If Construction Contractor fails to keep the Project site clean, Owner has the right, after providing a twenty-four (24) hour written notice, to perform any required clean up and to back charge Construction Contractor for the costs of such clean up. At the completion of the Work, Construction Contractor shall remove all debris, rubbish and waste materials from and about the Project site, as well as all tools, appliances, construction equipment and machinery and surface materials, and shall leave the Project site clean and ready for occupancy by Owner.

17.2 Any existing surface or subsurface improvements, including, but not limited to, pavements, curbs, sidewalks, pipes, utilities, footings, structures, trees and shrubbery, not indicated in the Contract Documents to be removed or altered, shall be protected by Construction Contractor from damage during the prosecution of the Work. Any such improvements so damaged shall be restored by Construction Contractor to condition at least equal to that existing at the time of Construction Contractor's commencement of the Work.

17.3 Precaution shall be exercised at all times by the CONTRACTOR for the protection of all persons, including employees and property. The CONTRACTOR shall comply with all applicable laws, regulation and ordinances related to safety and health, shall make special efforts to detect hazardous conditions, and shall take prompt action with loss control/safety measures as are reasonably necessary. The CITY may order work to be stopped if conditions exist that present an immediate danger to persons or property. The CONTRACTOR acknowledges that such work stoppage will not shift responsibility for any damages from the CONTRACTOR to the CITY.

18. ASSIGNMENT

18.1 Construction Contractor shall not assign this Contract or any part thereof, without the prior consent in writing of Owner. If Construction Contractor does, with approval, assign this Contract or any part thereof, it shall require that its assignee be bound to it and to assume toward Construction Contractor all of the obligations and responsibilities that Construction Contractor has assumed toward Owner.

19. PERMITS, LICENSES AND TAXES

19.1 All permits and licenses necessary for the prosecution of the Work shall be procured and paid for by Construction Contractor. Permits and licenses to be acquired by Construction Contractor with the assistance of Design Professional include, but are not limited to, building, site, and utility permits, as well as all Health Department permits required for the construction or relocation of water and/or sanitary sewer lines and facilities, to the extent such water and/or sewer work is included in this Contract.

If Construction Contractor performs any Work without obtaining, or contrary to, such permits or licenses, Construction Contractor shall bear all costs arising therefrom. All costs incurred by Construction Contractor with respect to performing its obligations under this Paragraph 19.1 shall be considered a direct cost item and shall be considered reimbursable as Cost of the Work as provided for in the Agreement. Owner shall fully cooperate with Construction Contractor where necessary. Construction Contractor shall pay all governmental charges and inspection fees necessary for the prosecution of the Work.

19.2 Construction Contractor shall pay all sales, consumer, use and other similar taxes associated with the Work or portions thereof, which are applicable during the performance of the Work. Additionally, Construction Contractor shall comply with and fully implement the sales tax savings program with respect to the Work, as set forth below in Paragraph 19.3.

19.3 OWNER DIRECT PURCHASE

19.3.1 Notwithstanding anything herein to the contrary, because Owner is exempt from sales tax and wishes to generate sales tax savings for the Project, Owner reserves the right to make direct purchases of various construction materials and equipment included in the Work. Construction Contractor represents and warrants that it will use its best efforts to cooperate with Owner in implementing this sales tax savings program in order to maximize cost savings for the Project. Unless directed otherwise in writing by Owner, Construction Contractor shall prepare requisitions to vendors selected by Construction Contractor for all purchases of materials and equipment exceeding five thousand dollars (\$5,000), for execution by Owner. Construction Contractor shall allow two weeks for execution of all such purchase orders by Owner, except that Owner is under no obligation to execute purchase orders unless and until Construction Contractor has processed deductive Change Orders in amounts equal to or exceeding the cumulative total of purchases executed or requested. Prior to its first application for payment and processing of any requisitions by Owner, Construction Contractor will process one (1) deductive Change Order under the Agreement for the entire estimated amount of Owner Direct Purchases, inclusive of sales taxes. Should at any time the cumulative amount of requisitions requested by Construction Contractor exceed the amount of deductive Change Orders previously processed, an additional deductive Change Order shall be required prior to the processing of additional requisitions. Prior to the final payment, a final reconciliation of the Owner Direct Purchases will be performed and such deductive Change Order will be prepared for the Owner's review and approval.

19.3.2 With respect to all direct purchases by Owner, Construction Contractor shall remain responsible for coordinating, ordering, inspecting, accepting delivery, storing, handling, installing, warranting and quality control for all direct purchases. Notwithstanding anything herein to the contrary,

Construction Contractor expressly acknowledges and agrees that any materials or equipment directly purchased by Owner pursuant this section shall be included within and covered to the same extent as all other warranties provided by Construction Contractor pursuant to the terms of the Contract Documents. Owner shall assign to Construction Contractor any and all warranties and rights Owner may have from any manufacturer or supplier of any such direct purchases by Owner.

20. TERMINATION FOR DEFAULT

20.1 Construction Contractor shall be considered in material default of the Contract and such default shall be considered cause for Owner to terminate the Contract, in whole or in part, as further set forth in this Article, if Construction Contractor: (1) fails to begin the Work under the Contract Documents within the time specified herein; or (2) fails to properly and timely perform the Work as provided for in the Contract Documents; or (3) performs the Work unsuitably or neglects or refuses to remove materials or to correct or replace such Work as may be rejected as unacceptable or unsuitable; or (4) discontinues the prosecution of the Work contrary to the requirements of the Contract; or (5) fails to resume Work which has been suspended within a reasonable time after being notified to do so; or (6) becomes insolvent or is declared bankrupt, or commits any act of bankruptcy; or (7) allows any final judgment to stand against it unsatisfied for more than ten (10) days; or (8) makes an assignment for the benefit of creditors; or (9) fails to obey any applicable codes, laws, ordinances, rules or regulations with respect to the Work; or (10) fails to promptly pay its subcontractors and suppliers; or (11) materially breaches any other provision of the Contract Documents.

20.2 If Owner determines that Construction Contractor is in default under this Contract, Owner shall notify Construction Contractor in writing of Construction Contractor's default(s). If Owner determines that Construction Contractor has not remedied and cured the default(s) or established a mutually agreeable plan with the Owner to cure the default(s) within seven (7) calendar days following receipt by Construction Contractor of said written notice, then Owner, at its option, without releasing or waiving its rights and remedies against Construction Contractor's sureties and without prejudice to any other right or remedy it may be entitled to hereunder or by law, may terminate Construction Contractor's right to proceed under the Contract, in whole or in part, and take possession of all or any portion of the Work and any materials, tools, equipment, and appliances of Construction Contractor, take assignments of any of Construction Contractor's subcontracts and purchase orders that Owner may designate, and complete all or any portion of Construction Contractor's Work by whatever means, method or agency which Owner, in its sole discretion, may choose. In making either the initial determination that Construction Contractor is in default under this Contract or the subsequent determination that Construction Contractor has failed to satisfactorily cure its default, Owner may rely solely upon Design Professional's certification to Owner that in Design Professional's

opinion Construction Contractor is in default or has failed to satisfactorily cure its default.

20.3 If Owner deems any of the foregoing remedies necessary, Construction Contractor agrees that it shall not be entitled to receive any further payments until after the Work is completed. All monies expended and all of the costs, losses, damages and extra expenses, including all management, administrative and other overhead and other direct and indirect expenses (including Design Professional and attorneys' fees) or damages incurred by Owner incident to such completion, shall be deducted from the unpaid balance of the Contract Amount, and if such expenditures exceed the unpaid balance of the Contract Amount, Construction Contractor agrees to pay promptly to Owner on demand the full amount of such excess, including costs of collection, attorney's fees (including appeals) and interest thereon at the maximum legal rate of interest until paid. If the unpaid balance of the Contract Amount exceeds all such costs, expenditures and damages incurred by Owner to complete the Work, Construction Contractor shall not be entitled to any portion of such excess, except for the unpaid portion of the Construction Management Fee earned and the Cost of Work incurred prior to Construction Contractor's right to continue performance under this Contract being terminated. Any amounts to be paid to Owner by Construction Contractor pursuant to this Paragraph 20.3 shall be certified by Design Professional, upon application, and this obligation for payment shall survive termination of the Contract.

20.4 The liability of Construction Contractor hereunder shall extend to and include the full amount of any and all sums paid, expenses and losses incurred, damages sustained, and obligations assumed by Owner in good faith under the belief that such payments or assumptions were necessary or required, in completing the Work and providing labor, materials, equipment, supplies, and other items therefore or re-letting the Work, and in settlement, discharge or compromise of any claims, demands, suits, and judgments pertaining to or arising out of the Work hereunder. Further, in the event Owner has exercised its right to terminate due to Construction Contractor's default, Construction Contractor shall be prohibited from bidding or otherwise seeking additional work from Owner in accordance with Owner's then current debarment policy.

20.5 If, after notice of termination of Construction Contractor's right to proceed pursuant to this Article, it is determined for any reason that Construction Contractor was not in default, or that its default was excusable, or that Owner is not entitled to the remedies against Construction Contractor provided herein, then such termination shall be deemed a termination for Owner's convenience and Construction Contractor's remedies against Owner shall be the same as and limited to those afforded Construction Contractor under Paragraph 21.1 below.

21. TERMINATION FOR CONVENIENCE AND RIGHT OF SUSPENSION

21.1 Owner shall have the right to terminate this Contract or individual WORK AUTHORIZATION without cause upon seven (7) calendar days written notice to Construction Contractor. In the event of such termination for convenience, Construction Contractor's recovery against Owner shall be limited to that portion of the Contract Amount earned through the date of termination, together with any retainage withheld and reasonable termination expenses incurred, but Construction Contractor shall not be entitled to any other or further recovery against Owner, including, but not limited to, damages or any anticipated profit on portions of the Work not performed.

21.2 Owner shall have the right to suspend all or any portions of the Work upon giving Construction Contractor two (2) calendar days' prior written notice of such suspension. If all or any portion of the Work is so suspended, Construction Contractor's sole and exclusive remedy shall be to seek an extension to the Contract Time in accordance with the procedures set forth in the Contract Documents. In no event shall Construction Contractor be entitled to any additional compensation or damages except as otherwise expressly provided for in the Contract Documents. Provided, however, if the ordered suspension exceeds ninety (90) calendar days, Construction Contractor shall have the right to terminate the Contract with respect to that portion of the Work which is subject to the ordered suspension.

22. COMPLETION

22.1 When the entire Work (or any portion thereof designated in writing by Owner) is ready for its intended use, Construction Contractor shall notify Owner and Design Professional in writing that the entire Work (or such designated portion) is substantially complete and request that Design Professional issue a Certificate of Substantial Completion (or Certificate of Partial Substantial Completion). Said written notice from Construction Contractor shall include a proposed punch list of all items of Work to be completed or corrected by Construction Contractor. Within a reasonable time thereafter, Owner, Construction Contractor and Design Professional shall make an inspection of the Work (or designated portion thereof) to determine the status of completion. If Owner and Design Professional do not consider the Work (or designated portion) substantially complete, Design Professional shall notify Construction Contractor in writing giving the reasons therefore. In such case, Construction Contractor shall pay the costs of all additional Substantial Completion inspections. If Owner and Design Professional consider the Work (or designated portion) substantially complete, Design Professional shall prepare and deliver to Construction Contractor a Certificate of Substantial Completion (or Certificate of Partial Substantial Completion) which shall fix the date Substantial Completion for the entire Work (or designated portion thereof) is actually achieved by Construction Contractor and include a final punch list of items to be completed or corrected by Construction Contractor before final payment. Such final punch list shall be in compliance with the Contract Documents and all applicable laws. Accordingly, Design

Professional shall provide the final punch list to Construction Contractor within seven calendar days after Construction Contractor has achieved Substantial Completion. Construction Contractor acknowledges and agrees that the failure to include any corrective work or pending items not yet completed on the punch list does not alter the responsibility of Construction Contractor to complete all the Work required under this Contract and does not waive Owner's right to demand completion of the item pursuant to the Contract Documents prior to or after final payment. Additionally, if this Agreement involves Work on more than one building or structure, or involves a multi-phased Project, a punch list shall be developed in accordance with the timelines set forth in this paragraph for each building, structure, or phase of the Project. Owner shall have the right to exclude Construction Contractor from the Work and Project site (or designated portion thereof) after the date of Substantial Completion (or Partial Substantial Completion), but Owner shall allow Construction Contractor reasonable access to complete or correct items on the final punch list.

22.2 When Construction Contractor believes it has fully performed all of the Work, including all punch list items, Construction Contractor shall deliver to Owner a written affidavit certifying that all Work has been completed in accordance with the requirements of the Contract Documents. That written affidavit shall be delivered to Owner by Construction Contractor at the same time it submits its final Application for Payment. After receipt of such affidavit, the final Application for Payment and all other documents required for Project close-out, Design Professional and Owner shall promptly inspect the Work to determine if all of the Work has been completed and is ready for final acceptance by Owner. If Owner and Design Professional determine Construction Contractor has completed the entire Work, Design Professional shall promptly issue a Certificate of Final Completion, stating that, to the best of its knowledge, information and belief, and on the basis of its observations and inspections: (i) all of the Work has been completed in accordance with the requirements of the Contract Documents; (ii) the final balance due Construction Contractor, as noted in the final Certificate for Payment, is due and payable; and (iii) all conditions precedent to Construction Contractor's entitlement to final payment have been satisfied. Neither the final payment nor the retainage shall become due and payable until Construction Contractor submits: (1) the final Release and Affidavit in the form prescribed by Owner, (2) consent of surety to final payment, and (3) if required by Owner, other data establishing payment or satisfaction of all obligations, such as receipts, releases and waivers of liens, arising out of the Contract Documents, to the extent and in such form as may be designated by Owner. Owner reserves the right to inspect the Work and make an independent determination as to the Work's acceptability, even though Design Professional may have issued its recommendations. Unless and until Owner is completely satisfied that all requirements of the Contract Documents have been met, neither the final payment nor the retainage shall become due and payable.

23. WARRANTY

23.1 Construction Contractor shall obtain and assign to Owner all express warranties given to Construction Contractor by any subcontractors or by any materialmen supplying materials, equipment or fixtures to be incorporated into the Project. Construction Contractor expressly warrants to Owner that all materials and equipment to be incorporated into the Work shall be new unless otherwise specified. Further, Construction Contractor expressly warrants to Owner that all Work shall be of good quality, free from all defects and in conformance with the Contract Documents. Construction Contractor further warrants to Owner that all materials and equipment furnished under the Contract Documents shall be applied, installed, connected, erected, used, cleaned and conditioned in accordance with the instructions of the applicable manufacturers, fabricators, suppliers or processors except as otherwise provided for in the Contract Documents. Further, any special warranty to be provided will be in such form as is acceptable to Owner and shall not include any exclusions, exceptions or modifications except to the extent approved by Owner in its sole discretion. In addition to all other rights and remedies available to Owner at law or in equity, including any implied warranties Owner may be entitled to as a matter of law, Construction Contractor expressly warrants to Owner that it shall promptly correct, upon receipt of written notice from Owner, any portion of the Work which is found to be defective or otherwise not in conformance with the requirements of the Contract Documents. In the event that any defective or non-conforming work is deemed by Owner in its sole discretion to present an immediate threat to safety or security, Owner shall be entitled to correct and fix such defective or non-conforming portions of the Work, and Construction Contractor shall reimburse Owner for all costs and expenses incurred by Owner in performing such Work. This obligation to correct defective or nonconforming Work shall run for a period of one year (or such longer period of time as may otherwise be specified in the Contract Documents) commencing from the date Substantial Completion is achieved. With respect to the correction of any defective or nonconforming Work, Construction Contractor shall be liable for all damage to any part of the Work itself and to any adjacent property which is caused by such corrective work. Construction Contractor's warranty excludes remedy for damage or defect caused by Owner's abuse, modifications not performed by Construction Contractor, improper or insufficient maintenance by Owner (unless such maintenance was performed in accordance with the directions from Construction Contractor), improper operation by Owner (unless such operations were performed in accordance with the directions from Construction Contractor), or normal wear and tear under normal usage.

24. TESTS AND INSPECTIONS

24.1 Owner, Design Professional, their respective representatives, agents and employees, and governmental agencies with jurisdiction over the Project shall have access at all times to the Work, whether the Work is being performed on or off of the Project site, for their observation, inspection and testing. Construction Contractor shall provide proper, safe conditions for such access. Construction Contractor shall

provide Design Professional, Owner's Uniform Building Construction Inspector or any other entity with responsibility for inspection of the work with timely prior written notice (at least 48 hours) of the readiness of the Work for all required inspections, tests or approvals.

24.2 If the Contract Documents or any codes, laws, ordinances, rules or regulations of any public authority having jurisdiction over the Project requires any portion of the Work to be specifically inspected, tested or approved, Construction Contractor shall assume full responsibility therefore, pay all costs in connection therewith and furnish Design Professional the required certificates of inspection, testing or approval. All inspections, tests or approvals shall be performed in a manner and by organizations acceptable to Owner and Design Professional.

24.3 If any Work that is to be inspected, tested or approved pursuant to the Contract Documents is covered without such inspection, testing or approval having been satisfactorily obtained by Construction Contractor and without obtaining the written concurrence from Design Professional or other applicable entity with responsibility for inspection of the work, such Work must, if requested by Design Professional or inspection entity, be uncovered for observation. Such uncovering shall be at Construction Contractor's expense unless Construction Contractor has given Design Professional and the applicable inspection entity 48 hour's written notice of Construction Contractor's intention to cover the same and has requested written concurrence by Design Professional and the inspection entity and Design Professional or the inspection entity has not acted with reasonable promptness to respond to such notice and request. If any Work is covered contrary to written directions from Design Professional or the inspection entity, such Work must, if requested by Design Professional or the inspection entity, be uncovered for Design Professional's or the inspection entities observation and be replaced at Construction Contractor's sole expense.

24.4 Owner shall charge to Construction Contractor and may deduct from any payments due Construction Contractor all engineering and inspection expenses incurred by Owner in connection with any overtime work unless such overtime work was expressly requested by Owner and Construction Contractor was on schedule. Such overtime work consists of any work during the construction period beyond the regular eight (8) hour day and for any work performed on Saturday, Sunday or holidays.

24.5 Neither observations by Design Professional or Owner, nor inspections, tests or approvals by others shall relieve Construction Contractor from Construction Contractor's obligations to perform the Work in accordance with the Contract Documents.

24.6 Construction Contractor is responsible, without reimbursement from Owner, for re-inspection fees and costs, to the extent such re-inspections are due to the fault or neglect of Construction Contractor.

24.7 Construction Contractor shall only use a certified independent testing and balancing services contractor to perform "Test and Balance" (T&B) services as they may be required for the Project. The T&B contractor shall be completely independent of the Construction Contractor's mechanical and ventilating subcontractor(s). Construction Contractor shall be responsible for coordinating mechanical/ventilating (HVAC) work, including HVAC control systems and T&B work.

24.8 T&B Submittal Requirement: Completed T&B reports required by the Contract Documents shall be delivered by Construction Contractor to Owner at Substantial Completion.

25. DEFECTIVE WORK

25.1 Work not conforming to the requirements of the Contract Documents shall be deemed defective Work. If required by Owner or Design Professional, Construction Contractor shall as directed, either correct all defective Work, whether or not fabricated, installed or completed, or, if the defective Work has been rejected by Owner or Design Professional, remove it from the site and replace it with non-defective Work. Construction Contractor shall bear all direct and indirect costs of such correction or removal (including, but not limited to fees and charges of engineers, architects, attorneys and other professionals) made necessary thereby, and shall hold Owner and Design Professional harmless for same.

25.2 If Owner or Design Professional consider it necessary or advisable that covered Work be observed by Design Professional or inspected or tested by others, Construction Contractor, at Design Professional's or Owner's request, shall uncover, expose or otherwise make available for observation, inspection or tests as Owner or Design Professional may require, that portion of the Work in question, furnishing all necessary labor, material and equipment. If it is found that such Work is defective, Construction Contractor shall bear all direct, indirect and consequential costs of such uncovering, exposure, observation, inspection and testing and of satisfactory reconstruction (including, but not limited to, fees and charges of engineers, architects, attorneys and other professionals), and Owner shall be entitled to an appropriate decrease in the Contract Amount. If, however, such Work is not found to be defective, Construction Contractor shall be allowed an increase in the Contract Amount and/or an extension to the Contract Time, directly attributable to such uncovering, exposure, observation, inspection, testing and reconstruction.

25.3 Owner shall have the right to order Construction Contractor to stop all or any portion of the Work if at any time Owner reasonably determines that Construction Contractor's performance of the Work is not in compliance with the requirements of the Contract Documents. Such noncompliance shall include, but is not limited to, Construction Contractor's failure to provide adequate labor, materials or equipment to satisfactorily maintain the various Project schedules (including the Master Project Schedule). This right to stop the Work shall be exercised, if at all, solely for Owner's

benefit and nothing herein shall be construed as obligating Owner to exercise this right for the benefit of Construction Contractor or any other person.

25.4 Should Owner determine, at its sole opinion, it is in Owner's best interest to accept defective Work, Owner may do so. Construction Contractor shall bear all direct and indirect costs attributable to Owner's evaluation of and determination to accept defective Work. If such determination is rendered prior to final payment, a Change Order shall be executed evidencing such acceptance of such defective Work, incorporating the necessary revisions in the Contract Documents and reflecting an appropriate decrease in the Contract Amount. If Owner accepts such defective Work after final payment, Construction Contractor shall promptly pay Owner an appropriate amount determined by Owner to adequately compensate Owner for its acceptance of the defective Work.

25.5 If Construction Contractor fails, within a reasonable time after the written notice from Owner or Design Professional, to correct defective Work or to remove and replace rejected defective Work as required by Owner or Design Professional, or if Construction Contractor fails to perform the Work in accordance with the Contract Documents, or if Construction Contractor fails to comply with any of the provisions of the Contract Documents, Owner may, after seven (7) days' written notice to Construction Contractor, correct and remedy any such deficiency. To the extent necessary to complete corrective and remedial action, Owner may exclude Construction Contractor from any or all of the Project site, take possession of all or any part of the Work, and suspend Construction Contractor's services related thereto, take possession of Construction Contractor's tools, appliances, construction equipment and machinery at the Project site and incorporate in the Work all materials and equipment stored at the Project site or for which Owner has paid Construction Contractor but which are stored elsewhere. Construction Contractor shall allow Owner, Design Professional and their respective representatives, agents, and employees such access to the Project site as may be necessary to enable Owner to exercise the rights and remedies under this Paragraph. All direct and indirect costs of Owner in exercising such rights and remedies shall be charged against Construction Contractor, and a Change Order or a Construction Change Directive shall be issued, incorporating the necessary revisions to the Contract Documents, including an appropriate decrease to the Contract Amount. Such direct and indirect costs shall include, but not be limited to, fees and charges of engineers, architects, attorneys and other professionals, all court and arbitration costs and all costs of repair and replacement of work of others destroyed or damaged by correction, removal or replacement of Construction Contractor's defective Work. Construction Contractor shall not be allowed an extension of the Contract Time because of any delay in performance of the Work attributable to the exercise by Owner of Owner's rights and remedies hereunder.

26. SUPERVISION AND CONTRACTOR'S REPRESENTATIVE

26.1 Construction Contractor is responsible for supervising, coordinating and performing the Work with such care and skill as would be provided by a contractor with extensive and special expertise in the type of work required under the Contract Documents. Construction Contractor is responsible for completing the Work so that it complies accurately and completely with the requirements of the Contract Documents. Unless otherwise authorized in writing by the Owner, Construction Contractor shall keep on the Work at all times during its progress a competent resident representative who shall not be replaced without prior written notice to Owner and Design Professional except under extraordinary circumstances. The representative shall have authority to act on behalf of Construction Contractor. All communications given to the representative shall be as binding as if given to Construction Contractor. Owner shall have the right to direct Construction Contractor to remove and replace its Project representative or any other employee of Construction Contractor or any employee of any subcontractor from the Project, with or without cause.

26.2 Construction Contractor shall maintain sufficient off-site support staff, and competent full time staff at the Project site authorized to act on behalf of Construction Contractor to coordinate, inspect and provide general direction of the Work and progress of the subcontractors. Construction Contractor shall provide no less than those personnel during the respective phases of construction that are set forth in each WORK AUTHORIZATION. Construction Contractor shall not change any of those persons identified in each WORK AUTHORIZATION unless mutually agreed to in writing by Owner and Construction Contractor. In such case, Owner shall have the right to approve the replacement personnel.

26.3 Construction Contractor shall establish and maintain lines of authority for its personnel, and shall provide this information to Owner and all other affected parties, such as the code inspectors of any permitting authority, the subcontractors, and Design Professional. Owner and Design Professional may attend meetings between Construction Contractor and its subcontractors; however, such attendance is optional and shall not diminish either the authority or responsibility of Construction Contractor to administer the subcontracts.

26.4 Construction Contractor shall be responsible to Owner for the acts and omissions of its employees and agents and its subcontractors, their agents and employees, and all other persons performing any of the Work or supplying materials under a contract to Construction Contractor. Construction Contractor shall develop and maintain a program, acceptable to Owner and Design Professional, to assure quality control of the Work. Construction Contractor shall supervise the Work of all subcontractors, providing instructions to each when their portion of the Work does not conform to the requirements of the Contract Documents and Construction Contractor shall continue to exert its influence and control over each subcontractor to ensure that corrections are made in a timely manner so as to not affect the efficient progress of the Work. Should a disagreement occur between Construction Contractor and Design

Professional over the acceptability of the Work, Owner, in its discretion, shall have the right to determine the acceptability.

26.5 Construction Contractor shall not employ on the Project any person who has been convicted of a felony or misdemeanor-level criminal charge regarding sexual abuse or misconduct, nor permit any subcontractor to assign any employee of it to the Project who has been convicted of a felony or misdemeanor-level criminal charge regarding sexual abuse or misconduct.

27. PROTECTION OF WORK

27.1 Construction Contractor shall fully protect the Work and adjacent property from loss or damage and shall bear the cost of any such loss or damage until Substantial Completion is achieved. If Construction Contractor or anyone for whom Construction Contractor is legally liable is responsible for any loss or damage to the Work, or other work or materials of Owner or Owner's separate contractors, Construction Contractor shall be charged with the same, and any monies necessary to replace such loss or damage shall be deducted from any amounts due Construction Contractor.

27.2 Construction Contractor shall ascertain what temporary enclosures, if any, of building areas, including existing facilities, should be provided for and may be provided as a practical matter, in order to assure orderly progress of the Work and to protect and secure the Work and existing facilities, in periods when extreme weather conditions are likely to be experienced.

27.3 Construction Contractor shall not permit any unsafe loading of any structure at the Project site, nor shall Construction Contractor subject any part of the Work or adjacent property to any forces that will endanger it.

27.4 Construction Contractor shall not disturb any benchmark established by Owner with respect to the Project. If Construction Contractor, or its subcontractors, agents or anyone for whom Construction Contractor is legally liable, disturbs Owner's benchmarks, Construction Contractor shall immediately notify Owner and Design Professional. Owner shall have the benchmarks reestablished and Construction Contractor shall be liable for all costs incurred by Owner associated therewith.

28. EMERGENCIES

28.1 Construction Contractor shall take immediate action to prevent injury to any person or damage to any property (including the Work and any adjacent property) which otherwise might arise from an emergency event at the Project site. Construction Contractor shall give Design Professional written notice within forty-eight (48) hours after the occurrence of the emergency, if Construction Contractor believes that any significant changes in the Work or variations from the Contract Documents have been caused thereby. If Design Professional determines that a change in the Contract Documents is required because of the action taken in response to an emergency, a

Change Order shall be issued to document the consequences of the changes or variations. If Construction Contractor fails to provide the forty-eight (48) hour written notice noted above, Construction Contractor shall be deemed to have waived any right it otherwise may have had to seek an adjustment to the Contract Amount or an extension to the Contract Time. Construction Contractor is obligated to promptly report in writing to Owner all accidents relating to the Work that result in any personal injury or property damage.

29. USE OF PREMISES

29.1 At all times during the performance of the Work, Construction Contractor shall keep all of its operations, (including, but not limited to, the use and storage of all equipment and materials), within the Project site or such other areas as may be permitted by the Contract Documents. Construction Contractor shall not use the Project site in any manner that is unreasonably burdensome or otherwise inconsistent with Owner's interest. Construction Contractor is responsible for any damage to any such area, or to the owner or occupant thereof, or any areas contiguous thereto, resulting from the performance of the Work.

29.2 Except as required by the Contract Documents or otherwise required in order for Construction Contractor to satisfy its safety and security obligations under the Contract Documents, Construction Contractor shall not erect or install, nor shall it permit any of its subcontractors, suppliers, subconsultants or any other party for whom it is legally responsible to erect or install, any signage upon the Project site or any other property of Owner, unless such signage has been expressly approved in writing by Owner, which approval may be withheld by Owner in its sole discretion.

29.3 Construction Contractor acknowledges that Work may be performed at a particular Project site where Owner simultaneously is conducting and continuing its operations upon the same site. In such event, Construction Contractor shall coordinate its Work so as to cause no unreasonable interference with or disruption to Owner's operations.

29.4 Owner may take early occupancy of all or any portions of the Work, at Owner's election, by designating in writing to Construction Contractor the specific portions of the Work to be occupied and the date such occupancy shall commence. If any such specific early occupancy was not expressly identified at the time the GMP was established and such early occupancy negatively impacts Construction Contractor's cost or time of performance, Construction Contractor shall be entitled to an equitable adjustment to the Contract Amount and the Contract Time, all in accordance with the other terms and conditions of the Contract Documents.

30. SAFETY

30.1 Construction Contractor is responsible for the safety and protection of all persons and property on or about the Project site during the progress of the Work.

Further, it is Construction Contractor's responsibility to protect from damage or loss all material and equipment to be incorporated into the Work which may be stored off the Project site. Construction Contractor shall develop and implement, in accordance with the requirements of the Contract Documents, a safety plan for the Work.

30.2 Construction Contractor shall comply with all applicable codes, laws, ordinances, rules and regulations of Owner and any public body having jurisdiction over the Work, including all of their safety codes, laws, ordinances, rules and regulations. Construction Contractor shall notify owners of adjacent property and of any underground structures or improvements and utility owners when prosecution of the Work may affect them, and shall cooperate with them in the protection, removal, relocation or replacement of their property. Construction Contractor's duties and responsibilities for the safety and protection of the Work shall continue until such time as the Work is completed and final acceptance of same by Owner has occurred.

30.3 At all times during the performance of the Work at the Project site, Construction Contractor shall have designated, and located on a full time basis at the Project site, a qualified individual whose responsibility shall be to monitor and enforce Construction Contractor's safety program at the Project site. Construction Contractor hereby designates its superintendent as that safety representative. Construction Contractor may designate by written notice to Owner another individual, reasonably acceptable to Owner, who shall be Construction Contractor's safety representative at the Project site.

30.4 Alcohol, drugs and all illegal substances are strictly prohibited on any Owner property. All employees of Construction Contractor, as well as those of all subcontractors and those of any other person or entity for whom Construction Contractor is legally liable (collectively referred to herein as "Employees"), shall not possess or be under the influence of any such substances while on any Owner property. Further, Employees shall not bring on to any Owner property any gun, rifle or other firearm, or explosives of any kind.

30.5 Construction Contractor acknowledges that the Work may be progressing on a Project site which is located upon or adjacent to an existing Owner facility. In such event, Construction Contractor shall comply with the following:

30.5.1 All Owner facilities are smoke free. Smoking is strictly prohibited;

30.5.2 Construction Contractor shall strictly limit its operations to the designated work areas and shall not permit any Employees to enter any other portions of Owner's property without Owner's expressed prior written consent;

30.5.3 All Employees are prohibited from distributing any papers or other materials upon Owner's property, and are strictly prohibited from using any of Owner's telephones or other office equipment;

30.5.4 All Employees shall at all times comply with OSHA regulations with respect to dress and conduct at the Project site. Further, all Employees shall comply with the dress, conduct and facility regulations issued by Owner's officials onsite, as said regulations may be changed from time to time;

30.5.5 All Employees shall enter and leave Owner's facilities only through the ingress and egress points identified in the site utilization plan approved by Owner or as otherwise designated, from time to time, by Owner in writing;

30.5.6 When requested, Construction Contractor shall cooperate with any ongoing Owner investigation involving personal injury, economic loss or damage to Owner's facilities or personal property therein;

30.5.7 At all times Construction Contractor shall adhere to Owner's safety and security regulations, and shall comply with all security requirements at Owner's facilities, as said regulations and requirements may be modified or changed by Owner from time to time.

31. PROJECT MEETINGS

31.1 Prior to the commencement of Work, Construction Contractor shall attend a preconstruction conference with Owner and Design Professional and others as appropriate to discuss the Master Project Schedule, procedures for handling shop drawings and other submittals, and for processing Applications for Payment, and to establish a working understanding among the parties as to the Work. During the prosecution of the Work, Construction Contractor shall attend any and all meetings convened by Owner or Design Professional with respect to the Project, when directed to do so by Owner or Design Professional. Construction Contractor shall have its subcontractors and suppliers attend all such meetings (including the preconstruction conference) as may be directed by Owner or Design Professional.

32. MATERIAL SAFETY DATA SHEET

32.1 If any chemicals, materials, or products containing toxic substances, as defined by Chapter 442, Florida Statutes or any local, state or federal statutes or regulations, are contained in the products used on site or incorporated into the construction by Construction Contractor or any of its subcontractors, Construction Contractor shall provide to Design Professional and Owner a Material Safety Data Sheet at the time of each delivery or prior to each new use of such product.

33. AUDITING RIGHTS AND PUBLIC RECORDS

33.1 Construction Contractor shall keep all records and supporting documentation which relate to the Work hereunder for a minimum of three (3) years from the date of termination of this Contract or the date the Project is completed, whichever is later or such longer period of time as may be required by law. Construction Contractor shall

require all of its subcontractors to likewise retain all of their Project records and supporting documentation. Owner, any duly authorized agents or representatives of Owner, and the public shall have the right to inspect and copy all of Construction Contractor's and any subcontractor's Project records and documentation as often as they deem necessary and Construction Contractor shall cooperate in any audit, inspection, or copying of the documents under this agreement as provided by Chapter 119 Florida Statutes and as provided by Exhibit E to this agreement. Access, inspection, copying and auditing rights shall survive the termination of this Contract.

33.2 If at any time, Owner conducts such an audit of Construction Contractor's records and documentation and finds that Construction Contractor overcharged Owner, Construction Contractor shall pay to Owner the Overcharged Amount which is defined as the total aggregate overcharged amount together with interest thereon (such interest to be established at the rate of 6% annum). If the Overcharged Amount is equal to or greater than \$10,000.00, Construction Contractor shall pay to Owner the Overcharged Amount and the Audit Amount which is defined as the total aggregate of Owner's reasonable audit costs incurred as a result of its audit of Construction Contractor. Owner may recover the Overcharged Amount and the Audit Amount, as applicable, from any amount due or owing Construction Contractor with regard to the Project or under any other agreement between Construction Contractor and Owner. If such amounts owed Construction Contractor are insufficient to cover the Overcharged Amount and Audit Amount, as applicable, then Construction Contractor hereby acknowledges and agrees that it shall pay such remaining amounts to Owner within seven (7) business days of its receipt of Owner's invoice for such remaining amounts. In no event shall the Overcharged Amount or the Audit Amount be deemed a reimbursable Cost of the Work.

33.3 This Article 33, including all access, inspection, copying, auditing, reimbursement and repayment rights shall survive the termination of this Contract.

34. COMPLIANCE WITH LAWS

34.1 Construction Contractor agrees to comply, at its own expense, with all federal, state and local laws, codes, statutes, ordinances, rules, administrative orders, regulations and requirements applicable to the Project, including but not limited to those dealing with safety (including, but not limited to, the Trench Safety Act, Chapter 553, Florida Statutes). If Construction Contractor observes that the Contract Documents are at variance therewith, it shall promptly notify Owner and Design Professional in writing.

34.2 For federally funded projects, Construction Contractor must comply with all federal rules and regulations.

35. SUBCONTRACTS

35.1 Construction Contractor shall review the design and shall determine how it desires to divide the sequence of construction activities. Construction Contractor will determine the breakdown and composition of bid packages for award of subcontracts, based on the current Master Project Schedule, and shall supply a copy of that breakdown and composition to Owner and Design Professional for their review and approval. Construction Contractor shall take into consideration such factors as natural and practical lines of severability, sequencing effectiveness, access and availability constraints, total time for completion, construction market conditions, availability of labor and materials, community relations and any other factors pertinent to saving time and costs.

35.2 A subcontractor is any person or entity who is performing, furnishing, supplying or providing any portion of the Work pursuant to a contract with Construction Contractor. Construction Contractor shall be solely responsible for and have control over the subcontractors. Construction Contractor shall negotiate all Change Orders, Construction Change Directives, Field Orders and Request for Proposals, with all affected subcontractors and shall review the costs of those proposals and advise Owner and Design Professional of their validity and reasonableness, acting in Owner's best interest, prior to requesting approval of each Change Order from Owner.

35.3 Construction Contractor shall not enter into a subcontract with any subcontractor, if Owner reasonably objects to that subcontractor. Construction Contractor shall not be required to contract with anyone it reasonably objects to. At the time Construction Contractor executes the WORK AUTHORIZATION, Construction Contractor shall also submit to Owner a complete list of the names, addresses, licensing information and phone numbers of all subcontractors Construction Contractor intends to use for each portion of the Work. The list of subcontractors cannot be modified, changed, or amended without prior written approval from Owner, whose approval shall not be unreasonably withheld. Construction Contractor shall continuously update that subcontractor list, so that it remains current and accurate throughout the entire performance of the Work. As part of the Project document file to be maintained by Construction Contractor at the Project site, Construction Contractor shall keep on file a copy of the license for every subcontractor and sub-subcontractor performing any portion of the Work, as well as maintain a log of all such licenses. All subcontracts between Construction Contractor and its subcontractors shall be in writing and are subject to Owner's approval. Further, all subcontracts shall (1) require each subcontractor to be bound to Construction Contractor to the same extent Construction Contractor is bound to Owner by the terms of the Contract Documents, as those terms may apply to the portion of the Work to be performed by the subcontractor, (2) provide for the assignment of the subcontracts from Construction Contractor to Owner at the election of Owner upon termination of Construction Contractor, (3) provide that Owner will be an additional indemnified party of the subcontract, (4) provide that Owner will be an additional insured on all insurance policies required to be provided by the subcontractor except workman's

compensation, (5) assign all warranties directly to Owner, (6) identify Owner as an intended third-party beneficiary of the subcontract, and (7) incorporate Exhibit C into all of its subcontracts. Construction Contractor shall make available to each proposed subcontractor, prior to the execution of the subcontract, copies of the Contract Documents to which the subcontractor will be bound by this Paragraph 35.3 and identify to the subcontractor any terms and conditions of the proposed subcontract which may be at variance with the Contract Documents. Each subcontractor shall similarly make copies of such documents available to its sub-subcontractors.

35.4 The subcontractor must agree to provide field (on-site) supervision through a named superintendent for each trade (e.g., general concrete forming and placement, masonry, mechanical, plumbing, electrical and roofing) included in the subcontract. In addition, the subcontractor shall assign and name a qualified employee for scheduling direction for its work. The supervisory employees of the subcontractor (including field superintendent, foreman and schedulers at all levels) must have been employed in a supervisory (leadership) capacity of substantially equivalent level on a similar project for at least two years within the last five years.

35.5 Unless otherwise expressly agreed to by Owner in writing, all subcontracts shall provide:

35.5.1 LIMITATION OF REMEDIES - NO DAMAGES FOR DELAY

That the subcontractor's exclusive remedy for delays in the performance of the contract caused by events beyond its control, including delays claimed to be caused by Owner or Design Professional or attributable to Owner or Design Professional and including claims based on breach of contract or negligence, shall be an extension of its contract time.

In the event of a change in the work, the subcontractor's claim for adjustments in the contract sum are limited exclusively to its actual costs for such changes plus no more than 10% for overhead and profit.

35.5.2 The subcontract shall require the subcontractor expressly agree that the foregoing subsection 35.5.1 constitutes its sole and exclusive remedies for delays and changes in the Work and thus eliminates any other remedies or claim for increase in the subcontract price, damages, losses or additional compensation. Further, Construction Contractor shall incorporate terms of the above paragraph in all of its subcontracts and require all subcontractors to similarly incorporate such terms into their sub-subcontracts.

35.5.3 Each subcontract shall require that any claims by subcontractor for delay or additional cost must be submitted to Construction Contractor within the time and in the manner in which Construction Contractor must submit such claims to Owner, and that failure to comply with such conditions for giving notice and submitting claims shall result in the waiver of such claims.

35.6 When Construction Contractor submits its GMP proposal to Owner, Construction Contractor also shall identify in writing those portions of the Work it intends to perform with its own employees. Any and all work to be self-performed by Construction Contractor must be approved in writing by Owner in its sole discretion prior to commencement of such work.

36. MARKET ANALYSIS AND SOLICITATION OF BIDS

36.1 The purpose of this Paragraph is to insure that Construction Contractor makes a genuine effort to stimulate subcontractor interest in the Project and maximize participation of potential qualified subcontractors in the bidding process. At all times Owner shall have access to and the right to require copies of all correspondence, records, files and other bid documents (including all bid responses) with respect to the bidding process. Further, Construction Contractor shall notify Owner of the date, time and place of all bid openings and Owner shall have the right to attend any and all such bid openings. All bid openings shall be conducted in Ormond Beach, Florida.

36.1.1 Construction Contractor shall monitor conditions in the construction market to identify factors that will or may affect costs and time for completing the Work. Construction Contractor shall make an analysis as necessary to (i) determine and report on availability of labor, materials, equipment, potential bidders, and possible impact of any shortages or surpluses of labor or material, and (ii) in light of such determination, make recommendations and take action as may be appropriate with respect to long lead procurement, separation of construction into bid packages, sequencing of Work, use of alternative materials, equipment or methods, other economics in design or construction, and other matters that will promote cost savings and completion within the Contract Time.

36.1.2 As various bid packages are prepared for bidding, Construction Contractor shall submit to Owner and Design Professional in a manner suitable to Owner a list of potential bidders for their review and approval. Construction Contractor shall be responsible for promoting and encouraging bid competition.

36.1.3 Construction Contractor shall carry out an active program of stimulating interest of qualified subcontractors in bidding on the Work and of familiarizing those bidders with the requirements of this Project. As part of his program, Construction Contractor shall conduct an information meeting for prospective subcontractors in conjunction with the Owner, not less than thirty (30) days prior to the solicitation of bids.

36.2 Construction Contractor shall prepare invitations for bids and all other appropriate bid documents for all procurement of long lead items, materials and services, for subcontractor contracts and for site utilities.

36.2.1 Except as hereafter provided in Paragraph 36.5, all subcontracts are to be awarded to the lowest responsive and responsible bidder.

36.2.2 Subcontracts not exceeding \$2,500.00 may be awarded based upon verbal quotes. Subcontracts over \$2,500.00 and up to \$25,000.00 must be awarded by either written quote or bid. Construction Contractor shall obtain a minimum of at least three (3) verbal or written bids, as applicable, on all such subcontracts. All such quotes received by Construction Contractor shall be entered on a tabulation sheet and a copy of both the bids and the tabulation sheet shall be sent to Owner and Design Professional for their review and comments prior to Construction Contractor awarding the subcontract.

36.2.3 Subcontracts exceeding \$25,000.00 must be solicited by public bidding. Bids must be advertised for at least three (3) consecutive weeks prior to the established bid opening time and date, unless a shorter solicitation period is authorized in writing by the Owner. All such bids must be in writing and shall be received and opened in the manner and at the location, date and time established in the bid documents. All such bids received by Construction Contractor shall be entered on a bid tabulation sheet and a copy of both the bids and the tabulation sheet shall be sent to Owner and Design Professional for their review and comment prior to Construction Contractor awarding the subcontract.

36.3 As part of its bid preparation, Construction Contractor shall review the specifications and drawings prepared by Design Professional. Ambiguities, conflicts or lack of clarity of language, use of illegally restrictive requirements, and any other defects in the specifications or in the drawings noted by Construction Contractor shall be brought to the attention of Owner and Design Professional in written form.

36.4 For each subcontract that exceeds \$25,000, Construction Contractor shall, unless waived in writing by Owner, conduct a pre-bid conference with prospective bidders and a pre- award conference with the apparent successful bidder. Design Professional and Owner shall be invited to all such meetings. In the event questions are raised which require an interpretation of the bidding documents or otherwise indicate a need for clarification or correction of the invitation, Construction Contractor shall transmit these to Design Professional in writing and upon receiving clarification or correction in writing from Owner or Design Professional shall issue an addendum to the bidding documents to all of the prospective bidders.

36.5 Notwithstanding the provision above requiring award of subcontracts to the lowest responsive and responsible bidder, Construction Contractor may award a subcontract to someone other than the lowest responsive and responsible bidder provided Construction Contractor has first received Owner's express written consent to such award. Owner's consent to any such award will be at Owner's sole discretion. Whenever Construction Contractor wishes to award a subcontract to someone who is not the lowest responsive and responsible bidder, Construction Contractor must notify

Owner in writing, setting out in detail the reasons and justifications for the suggested award.

37. SECURING AGREEMENT

37.1 Construction Contractor warrants that Construction Contractor has not employed or retained any company or person, other than a bona fide employee working solely for Construction Contractor, to solicit or secure this Contract and that Construction Contractor has not paid or agreed to pay any person, company, corporation, individual or firm, other than a bona fide employee working solely for Construction Contractor, any fee, commission, percentage, gift or any other consideration contingent upon or resulting from the award or making of this Contract. At the time this Contract is executed, Construction Contractor shall sign and deliver to Owner the Truth-in-Negotiation Certificate attached hereto and made a part hereof as Exhibit D. Construction Contractor's compensation shall be adjusted to exclude any sums by which Owner determines the compensation was increased due to inaccurate, incomplete, or non-current wage rates or other factual unit costs.

38. PUBLIC ENTITY CRIMES

38.1 By its execution of this Agreement, Construction Contractor acknowledges that it has been informed by OWNER of the terms of Section 287.133(2)(a) of the Florida Statutes which read as follows:

"A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity in excess of the threshold amount provided in s.287.017 for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list."

39. EQUAL EMPLOYMENT OPPORTUNITY/NON-DISCRIMINATION

39.1 In performing all services to be provided hereunder, Construction Contractor shall not discriminate against any employee or applicant for employment because of race, color, religion, sex or national origin. Construction Contractor shall take affirmative action to ensure that applicants for employment are employed, and that employees are treated during employment, without regard to their race, color, religion, sex or national origin. Such actions shall include, but not be limited to, the following: (i) employment, upgrading, demotion or transfer; (ii) recruitment or recruitment advertising; (iii) layoff or termination; (iv) rates of pay or other forms of compensation; and (v) selection for training, including apprenticeship. Construction Contractor shall post in conspicuous places, available to all employees and applicants for employment notices setting forth the terms of this Equal Employment Opportunity Non-

Discrimination Clause and stating that all qualified candidates will receive consideration for employment without regard to race, color, religion, sex or national origin.

40. CHANGED CONDITIONS

40.1 Notwithstanding anything in the Contract Documents to the contrary, if conditions are encountered at the Project site which are (i) subsurface or otherwise concealed physical conditions which differ materially from those indicated in the Contract Documents or (ii) unknown physical conditions of an unusual nature, which differ materially from those ordinarily found to exist and generally recognized as inherent in construction activities of the character provided for in the Contract Documents, and which reasonably should not have been discovered by Construction Contractor as part of its scope of site investigative services required pursuant to the terms of the Contract Documents, then Construction Contractor shall provide Owner with prompt written notice thereof before conditions are disturbed and in no event later than seven (7) calendar days after first observance of such conditions. Owner and Design Professional shall promptly investigate such conditions and, if they differ materially and cause an increase or decrease in Construction Contractor's cost of, or time required for, performance of any part of the Work, Owner will acknowledge and agree to an equitable adjustment to the Contract Amount or Contract Time, or both, for such Work. If Owner determines that the conditions at the site are not materially different from those indicated in the Contract Document or not of an unusual nature or should have been discovered by Construction Contractor as part of its investigative services, and that no change in the terms of the Contract is justified, Owner shall so notify Construction Contractor in writing, stating its reasons. Claims by Construction Contractor in opposition to such determination by Owner must be made within seven (7) calendar days after Construction Contractor's receipt of Owner's written determination notice. If Owner and Construction Contractor cannot agree on an adjustment to the Contract Amount or Contract Time, the dispute resolution procedure set forth in the Contract Documents shall be complied with by the parties.

END OF GENERAL TERMS AND CONDITIONS

EXHIBIT B SUPPLEMENTAL TERMS AND CONDITIONS

1. Construction Schedule: Construction Contractor shall prepare and submit to Owner and Design Professional, for their review and approval, a Construction Schedule. This schedule shall conform to the format outlined in Paragraph 1.3 below. The approved Construction Schedule shall be attached to the WORK AUTHORIZATION. The Construction Schedule shall be integrated into the Master Project Schedule included in the WORK AUTHORIZATION and as subsequently updated.

1.1 Following development and approval of the Construction Schedule as aforesaid, Construction Contractor shall, at the end of each calendar month occurring thereafter during the period of time required to finally complete the Project, or at such earlier intervals as circumstances may require, update and/or revise the Construction Schedule which shall be submitted to Owner in duplicate. No additional compensation will be due Construction Contractor for making such updates. Failure of Construction Contractor to update, revise, and submit the Construction Schedule as aforesaid shall be sufficient grounds for Owner to find Construction Contractor in substantial default hereunder and that sufficient cause exists to terminate the Contract or to withhold payment to Construction Contractor until a schedule or schedule update acceptable to Owner is submitted.

1.2 Occupancy Schedule: Construction Contractor shall jointly develop with Design Professional and Owner a detailed plan, inclusive of punch lists, final inspections, maintenance training and turn-over procedures, to be used for ensuring accomplishment of a smooth and phased transition from construction to Owner occupancy. The Construction Schedule shall include the occupancy schedule items listed herein.

1.3 Schedule Format: The Construction Schedule shall be planned and recorded with a Critical Path Method (CPM) schedule in the form of an activity-on-node diagram. All activity-on-node diagrams shall include the Activity Identification, Activity Description, and the type of relationship between activities, including any lead or lag time. Further, the Construction Schedule shall incorporate and be based upon the Project milestone dates set forth in the Master Project Schedule included with each WORK AUTHORIZATION.

1.4 The construction time for the Work, or any milestone, shall not exceed the specified Contract Time. Logic or activity durations shall be revised in the event that any milestone or Contract completion date is exceeded in the schedule.

1.5 Float is defined as the amount of time between when an activity "can start" (the early start) and when an activity "must start" (the late start). It is understood by Owner

and Construction Contractor that float is a shared commodity, not for the exclusive use or financial benefit of either party. Either party has the full use of the float until it is depleted.

1.6 Schedule Update Requirements: Construction Contractor shall update the schedules monthly to show actual, current progress. The updates shall include:

1.6.1 Dates of activities' actual starts and completions.

1.6.2 Percent of Work remaining for activities started but not completed as of the update date.

1.6.3 At Owner's request, a bar chart comparison of the updated schedule to the initial schedule. This diagram shall show actual and planned performance dates for all completed activities.

1.6.4 All update information shall be an accurate representation of the actual Work progress.

2. Recovery Schedule: If the initial schedule or any current updates fail to reflect the Work's actual plan or method of operation, or a contractual milestone date is more than fifteen (15) days behind, Owner may require that a recovery schedule for completion of the remaining Work be submitted. The Recovery Schedule must be submitted within seven (7) calendar days of Owner's request. The Recovery Schedule shall describe in detail Construction Contractor's plan to complete the remaining Work by the required Contract milestone date. The Recovery Schedule submitted shall meet the same requirements as the original Construction Schedule. The narrative submitted with the Recovery Schedule should describe in detail all changes that have been made to meet the Contract milestone dates.

3. Change Orders: When a Change Order is proposed, Construction Contractor must identify all logic changes as a result of the Change Order. Construction Contractor shall include, as part of each Change Order proposal, a sketch showing all schedule logic revisions, duration changes, and the relationships to other activities in the approved Construction Schedule. This sketch shall be known as the fragnet for the change. Upon acceptance of the fragnet, Construction Contractor will revise the Construction Schedule or current update. The logic changes required by the Change Order will be considered incidental to Construction Contractor's work. No separate payment will be made.

END OF SUPPLEMENTAL TERMS AND CONDITIONS

EXHIBIT C INSURANCE REQUIREMENTS

CONSTRUCTION CONTRACTOR'S LIABILITY INSURANCE

1. General

The Contractor, including service-related contractors, shall purchase and maintain for the entire life of the Project, including any and all approved time extensions, until its final acceptance by the City, such insurance as will protect the Contractor from claims under Workers' Compensation, disability benefit laws or other similar employee benefit laws; from claims for damages because of bodily injury, occupational sickness or disease, or death of Contractor's employees; from claims insured by usual or unusual injury liability coverage; from claims or injury to or destruction of tangible property and from claims insured by usual Commercial General Liability coverage. This includes loss of use resulting therefrom, any or all of which may arise out of the Contractor's operations under the Contract Documents, whether such operations be by the Contractor, by any Subcontractor, or by anyone directly or indirectly employed by any of them or for whose acts any of them may be legally liable. The Contractor's deductibles/self-insured retentions shall be disclosed to the City and may be disapproved by the City, and may be reduced or eliminated at the sole discretion of the City. The Contractor is responsible for the amount of any deductible or self-insured retention.

2. Types of Insurance and Limits of Liability

The insurance required herein shall be written for not less than any limits of liability specified and incorporated as part of the Contract Documents or as required by law, whichever is greater, and shall include the following:

- (a) Workers' Compensation Insurance in statutory limits for the State of Florida with Coverage B - Employer's Liability limits of not less than:

\$100,000. Each Accident Bodily Injury by Accident
 \$100,000. Each Employee Bodily Injury by Disease
 \$500,000. Policy Limit Bodily Injury by Disease

Certificate of Exemptions. If the contractor has a State-issued Certificate of Exemption, the contractor may provide a copy in place of the requirement for coverage. However, if the contractor subcontracts or retains any other person or entity to perform under the contract, that person or entity must provide proof of workers' compensation insurance as required by law or provide a Certificate of Exemption.

It is the intent of the City that any individual who either contracts directly with the city or performs any work on behalf of any such contractor be covered by workers compensation insurance or have a valid exemption from said coverage.

(If applicable to the Project, the policy must include benefits under the United States Longshoremen's and Harbor Workers' Act and the Jones Act coverage---all maritime coverage.)

- (b)** Commercial General Liability Insurance shall be written on a coverage form as broad as Insurance Services Office (ISO) Form CG 00 01 11 88, or its successor form, including but not limited to the following coverage (any deviation shall be noted on the Certificates of Insurance):
- a. Premises and Operations
 - b. Owners' & Contractors' Protective
 - c. Products & Completed Operation
 - d. Explosion, Collapse & Underground Conditions
 - e. Blanket Contractual Liability
 - f. Personal Injury Liability
 - g. Broad Form Property Damage Endorsement, including Completed Operations
 - h. Independent Contractors
 - i. Watercraft--Owned and Non-Owned (if applicable, endorsement must be included in General Liability policy or a separate Protection & Indemnity Policy must be written)
 - j. Pollution Liability (if applicable)
 - k. Asbestos Abatement (if applicable)
 - l. Fire Damage Liability

Certain coverage outlined above may not be required if they do not relate to the Project, as may be determined at the sole discretion of the City.

Commercial General Liability Coverage shall be written on an occurrence basis and the limits shall be no less and not limited to the following amounts:

Limits (not less than)

\$1 Million Each Occurrence

\$2 Million General Aggregate

\$1 Million Aggregate Products & Completed Operations

NOTE: Commercial General Liability Coverage must be purchased on either a project basis (separate policy per contract) or an endorsement allocating an aggregate limit per location or specified project.

- (c) Automobile Liability Insurance is required if an Automobile(s) is used in the performance of the contract.

ISO Symbol 1 (Any Auto), or alternatively a combination of Symbol 2 (Owned Autos), Symbol 8 (Hired Autos), and Symbol 9 (Non-Owned Autos), and limits shall be no less than:

\$1 Million Combined Single Limit for Bodily Injury
and Property Damage

- (d) Excess Liability

For contracts \$250,000 or greater an Excess Liability Policy of at least but not limited to \$1,000,000 in addition to the scheduled underlying policies for Commercial General Liability, Automobile Liability and Employers' Liability, the Contractor shall also provide an Excess Liability Policy with a maximum self-insured retention not to exceed \$25,0000 per occurrence.

- (e) Builder's Risk

Contractor shall purchase Builder's Risk Insurance for any contracts that are deemed to be vertical construction on an All-Risk policy, and shall also include coverage for wind, hail, and named storm. Limits of coverage shall be at least and not limited to the value of the project.

- (f) Professional Liability, Malpractice and/or Errors and Omissions

The Contractor shall purchase and maintain professional liability, malpractice, or errors or omissions insurance with minimum limits of \$1,000,000 per occurrence. If a claims made form of coverage is provided, the retroactive date of coverage shall be no later than the inception date of claims made coverage, unless the prior policy was extended indefinitely to cover prior acts. Coverage shall be extended beyond the policy year either by a supplemental extended reporting period (ERP) of as great a duration as is available, and with no less coverage and with reinstated aggregate limits, or by requiring that any new policy provides a retroactive date no later than the inception date of claims made coverage.

Requirements for Certificates of Insurance

1. With the execution of the Contract Documents, the Contractor, including service-related contractors, shall provide certificates of such insurance acceptable to the City. These certificates and insurance policies shall contain an endorsement that the coverage under the policies will not be canceled, non-renewed or materially changed until at least thirty (30) days' prior written notice of such cancellation, non-renewal or change (except for nonpayment of premium, which shall be ten (10) days) and a copy of the cancellation endorsement signed by an authorized representative of the insurer, be given to the City. The contractor shall be required to replace any expired or canceled policies in like amount and coverage to the satisfaction of the City. The Certificate of Insurance shall be the ACORD FORM 25-S (7/90), or its successor form, and shall be made a part of the Contract Documents.
2. New certificates of insurance shall be provided to the City at least fifteen (15) days prior to coverage renewals.
3. If requested by the City, the contractor shall immediately furnish complete copies of the Contractor's insurance policies, forms and endorsements.
4. For Commercial General Liability coverage the Contractor shall, at the option of the City, provide an indication of the amount of claims payments or reserves chargeable to the aggregate amount of liability coverage. If the Commercial General Liability form of coverage includes an annual aggregate limitation on the amount of insurance provided, a separate project aggregate limit may be required by the City for the given contract.
5. If the Contractor fails to obtain and maintain for the life of the Project the insurance required hereby or to replace any such expired or canceled policy, the City may obtain and maintain such insurance with such company as it deems satisfactory. Any amounts expended by the City in payment of premiums for such insurance shall be deducted by the City from the amount due the Contractor for the work covered by the Contract.

Policies of Insurance

- 1.** Except as otherwise provided in this Exhibit, all insurance policies shall be issued by insurers licensed to do business in the State of Florida on an admitted basis or which is an eligible surplus lines insurer in the State of Florida, and any such insuring company is required to have a minimum financial rating of (A-), in the latest edition of "Best's Key Rating Guide", published by A. M. Best Co., Inc., or some similarly nationally recognized rating authority, including Standard and Poors and Demotech.
- 2.** For Workers' Compensation coverage only, self-insurance programs are acceptable with a minimum A- rated reinsurance carrier; written confirmation is required.
- 3.** All policies of insurance or certificates thereof referred to in this Exhibit shall be deposited with the City Clerk.
- 4.** The City shall be named an Additional Insured on General Liability including products and completed operations and Automobile Liability policies of insurance and certificates thereof.

END OF INSURANCE REQUIREMENTS

EXHIBIT D
TRUTH-IN-NEGOTIATION CERTIFICATE

In compliance with the Consultants' Competitive Negotiation Act, Section 287.055, Florida Statutes, the undersigned hereby certifies that wage rates and other factual unit costs supporting the compensation for the construction management services of CONTRACTOR to be provided under this Agreement are accurate, complete and current as of the time of contracting.

CONTRACTOR:

By: _____

Print Name: _____

Title: _____

Date: _____

EXHIBIT E FLORIDA PUBLIC RECORDS LAW

Construction Contractor expressly agrees that it shall comply with the public records law provided in Florida Statutes, Chapter 119, and specifically to:

(a) Keep and maintain public records required by the City to perform the contracted service.

(b) Upon request from the City Clerk, provide the City with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes, or as otherwise provided by law.

(c) Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract if the Construction Contractor does not transfer the records to the City.

(d) Upon completion of the contract, transfer at no cost, to the City all public records in possession of the Construction Contractor or keep and maintain public records required by the City to perform the service. If the Construction Contractor transfers all public records to the City upon completion of the contract, the Construction Contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Construction Contractor keeps and maintains public records upon the completion of the contract, the Construction Contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the City, upon request from the City Clerk, in a format that is compatible with the information technology systems of the City.

(e) Failure of the Construction Contractor to comply with Public Records Law as provided by Florida Statutes, Chapter 119, shall subject the Construction Contractor to

penalties under Chapter 119.10 and subject this Agreement to termination for cause by the City.

IF THE CONSULTANT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONSULTANT'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:

**CITY CLERK
22 SOUTH BEACH STREET
ORMOND BEACH, FLORIDA 32174 (386) 676-3331
CLERK@ORMONDBEACH.ORG**

Ref: Fla. Stat. §119.0701(2016)

END OF FLORIDA PUBLIC RECORDS LAW

EXHIBIT F

VERIFICATION OF EMPLOYMENT STATUS USING E-VERIFY SYSTEM

1. Undersigned firm warrants it **IS** currently registered with the U.S. Department of Homeland Security's E-Verify system, **and** is compliant with the requirements of Sections 448.09 and 448.095, *Florida Statutes*.
2. Undersigned firm warrants it **has not** had any contracts terminated as a result of violations of Sections 448.09 or 448.095, *Florida Statutes*, that prohibit it from contracting with a public agency.
3. Undersigned firm warrants that if it enters into an agreement with a subcontractor, an express provision shall be included in all of its subcontracts requiring subcontractors, who perform work or provide services pursuant to the contract, to use the E-Verify system to verify employment eligibility of all new employees hired by the subcontractor during the contract term.
4. Undersigned firm understands that any subcontractor must provide the contractor with an affidavit stating that the subcontractor does not employ, contract with, or subcontract with an unauthorized alien, and the contractor understands it shall maintain any such affidavits for the duration of the contract, and the contract with the subcontractor must be immediately terminated if the City has a good faith belief that the subcontractor knowingly violated Section 448.09 (1), *Florida Statutes*.
5. Undersigned firm understands that in the event the City has a good faith belief that the contractor has knowingly violated Section 448.09 (1), *Florida Statutes*, the City shall terminate the contract, and the contractor may not be awarded a public contract for a period of at least one (1) year after the date of termination. The contractor may be held liable for any additional costs incurred by the City as a result of termination of the contract.

COMPANY NAME

AUTHORIZED SIGNATURE

NAME (PRINT OR TYPE)

TITLE

DATE



RFQ Evaluation Summary

Project: Construction Management at Risk Services

Recommendation of Award: All Six Firms

RFQ Number: 2022-17

Date & Time: 7/12/2022 1:00 PM

The RFQ's were scored on the following criteria:

- General (5 pts Max)
- Experience (40 pts Max)
- Financial Capability (20 pts Max)
- Construction Disputes (15 pts Max)
- Locaiton (20 pts Max)

Firm	Summary																					Rank					
	Finley	Buck	Schumann	General 15 pts max	Finley	Buck	Schumann	Experience 120 pts max	Finley	Buck	Schumann	Financial Capability 60 pts max	Finley	Buck	Schumann	Construction Disputes 45 pts max	Finley	Buck	Schumann	Location 60 pts max	Total 300 pts max	Rank based on points	Finley	Buck	Schumann	Rank Total	Rank
AULD AND WHITE CONSTRUCTORS	5	4	5	14	32	36	33	101	20	20	20	60	15	13	15	43	6	6	6	18	236	3	4	3	4	11	4
BOMAR CONSTRUCTION INC	5	4	5	14	36	34	35	105	20	14	16	50	15	13	15	43	20	20	20	60	272	2	1	2	2	5	2
COLEMAN GOODEMOTE CONSTRUCTION COMPANY INC	5	3	5	13	32	34	25	91	10	10	10	30	15	13	15	43	14	14	14	42	219	6	6	5	6	17	6
PAUL CULVER CONSTRUCTION INC	5	4	5	14	24	32	33	89	20	12	14	46	15	15	15	45	14	14	14	42	236	3	4	4	3	11	4
HALL CONSTRUCTION COMPANY INC	5	3	5	13	36	28	30	94	18	10	14	42	15	15	15	45	14	14	14	42	236	3	3	6	5	14	5
A. M. WEIGEL CONSTRUCTION	5	4	5	14	40	36	40	116	20	17	19	56	15	15	15	45	14	14	14	42	273	1	2	1	1	4	1


Rob Hart
Purchasing Coordinator


Shawn Finley
Public Works Director


Alex Schumann
City Engineer


Cole Buck
Civil Engineer



CITY OF ORMOND BEACH

City Manager • 22 S. Beach Street • Ormond Beach • Florida • 32174 • (386) 676-3200 • Fax (386) 676-3384

CITY MANAGER MEMORANDUM

To: The Honorable Mayor Partington and City Commissioners

Through: Joyce A. Shanahan, City Manager

From: Alex Schumann, City Engineer

Date: September 7, 2022

Subject: Underground of Utilities S Halifax and SR 40

Commission Goal: Community Development - Complete Downtown Master Plan

Introduction

This is a request for the City to execute two (2) Underground Easements for underground conversion with Florida Power and Light (FP&L) to facilitate implementation of the Downtown - East Granada Utility Undergrounding Project to remove overhead wires at South Halifax Drive between East Granada Boulevard and Casements Drive. This project will implement the consistent approach the City has utilized on West Granada, to ensure this area is more hurricane resistant with underground wiring to major traffic signals. This will also improve the appearance of South Halifax Drive.

Background

Completion of the Boulevard 2000 project and the 2012 Granada Boulevard Utility Undergrounding project eliminated the majority of overhead utility facilities along SR 40 to enhance the City's hurricane resistance and beautify the downtown. A section not included in initial project were the overhead wires at South Halifax Drive between East Granada Boulevard and Casements Drive. This project will remove these overhead utilities which will improve the appearance of South Halifax Drive in the vicinity of the new Ormond Memorial Art Museum. This project will implement the consistent approach utilized on West Granada to ensure this area is more hurricane resistant with underground wiring to major traffic signals and also improve the area.

Discussion

These Underground Easements on City owned property are for installation of conduit and other related equipment associated with the conversion of the utilities from overhead to underground within the downtown project area. The locations described are for the installation of electrical main transmission lines, switches, transformers, and related equipment. These locations have been mutually agreed upon by the City and

FP&L and assign the limited areas that installation of FP&L facilities shall be permitted.

The City is currently performing a capital improvement project to underground utilities in the downtown area along South Halifax Drive from East Granada Boulevard to Casements Drive. As part of this project it is necessary to build a new underground infrastructure and the design requires Underground Easements on City owned parcels of land where the new equipment will be installed. FP&L is now seeking these Underground Easements from the City to create the underground utility network allowing for the designation of locations for the installation of FP&L facilities. Execution of these Underground Easements will allow FP&L to complete their design for these improvements.

Budget Impact

Execution of the Underground Easements has no budget impact unto itself; the overall undergrounding project is a separate capital improvement item, estimated project cost is \$341,000.

Citizen Impact

Citizens will have improved views of South Halifax Drive on the west side of the new Ormond Memorial Art Museum and surrounding area.

Recommendation

It is recommended that the City Commission approve the two (2) proposed Underground Easements with Florida Power & Light Company.

Attachments:

- 22-107 FPL Easements E Granada (P22-0124G) (PDF)
- FPL Easement for Business - UG ONLY_OMAM (PDF)
- FPL Easement for Business - UG ONLY_Casements (PDF)
- PROP ESMT LOC (PDF)

REVIEWED BY:


 Kelly McGuire, Finance Director 8/24/2022



Claire Whitley, Assistant City Manager 8/25/2022

APPROVED BY:



Joyce A. Shanahan, City Manager 8/29/2022

RESOLUTION NO. 2022-107

A RESOLUTION AUTHORIZING THE EXECUTION OF TWO UNDERGROUND EASEMENTS IN FAVOR OF FLORIDA POWER & LIGHT COMPANY FOR THE INSTALLATION OF UNDERGROUND UTILITIES ALONG S. HALIFAX DRIVE BETWEEN EAST GRANADA BLVD. AND CASEMENTS DRIVE; AND SETTING FORTH AN EFFECTIVE DATE.

BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF ORMOND BEACH, FLORIDA, THAT:

SECTION ONE. The Mayor and City Manager are hereby authorized and directed to execute two Underground Easements in favor Florida Power & Light Company for the purpose of granting a utility easement on the properties described therein for the installation of underground utilities, said properties being generally located along S. Halifax Drive between East Granada Blvd. and Casements Drive (Parcel ID #42141000010 and Parcel ID #421411000240). Copies of the easements are attached hereto and incorporated herein by reference,

SECTION TWO. This Resolution shall take effect immediately upon its adoption.

APPROVED AND AUTHENTICATED this 7th day of September, 2022.

BILL PARTINGTON
Mayor

ATTEST:

SUSAN CARROLL DAUDERIS
City Clerk

Work Request No. 11467530

Sec. 14, Twp 14 S, Rge 32 E

Parcel I.D. 421411000240
(Maintained by County Appraiser)

Form 3722 (Stocked) Rev. 6/11

UNDERGROUND EASEMENT (BUSINESS)

This Instrument Prepared By

Name: Beverly Hutto
Co. Name: Florida Power & Light Co
Address: 3000 Spruce Creek Road
Port Orange, FL 32129

pg 1 of 2.

8.C.b

The undersigned, in consideration of the payment of \$1.00 and other good and valuable consideration, the adequacy and receipt of which is hereby acknowledged, grant and give to Florida Power & Light Company, its licensees, agents, successors, and assigns ("FPL"), a non-exclusive easement forever for the construction, operation and maintenance of underground electric utility facilities (including cables, conduits, appurtenant equipment, and appurtenant above ground equipment) to be installed from time to time; with the right to reconstruct, improve, add to, enlarge, change the voltage, as well as, the size of and remove such facilities or any of them within an easement described as follows:

Reserved for Circuit Court

See Exhibit "A" ("Easement Area")

Together with the right to permit FPL to attach wires to any facilities hereunder and lay cable and conduit within the easement and to operate the same for FPL's communications purposes; the right of ingress and egress to the Easement Area at all times; the right to clear the land and keep it cleared of all trees, undergrowth and other obstructions within the Easement Area; to trim and cut and keep trimmed and cut all dead, weak, leaning or dangerous trees or limbs outside of the easement area which might interfere with or fall upon the lines or systems of communications or power transmission or distribution; and further grants, to the fullest extent the undersigned has the power to grant, if at all, the rights hereinabove granted on the Easement Area heretofore described, over, along, under and across the roads, streets or highways adjoining or through said Easement Area.

IN WITNESS WHEREOF, the undersigned has signed and sealed this instrument on _____, 20__.

Signed, sealed and delivered in the presence of:

City of Ormond Beach

(Witness' Signature)

By: _____

Print Name: _____
(Witness)

Print Name: _____

(Witness' Signature)

Print Address: _____

Print Name: _____
(Witness)

STATE OF _____ AND COUNTY OF _____. The foregoing instrument was acknowledged before me this _____ day of _____, 20__, by _____, the _____ of _____ a _____, who is personally known to me or has produced _____ as identification, and who did (did not) take an oath.
(Type of Identification)

My Commission Expires:

Notary Public, Signature

Print Name _____

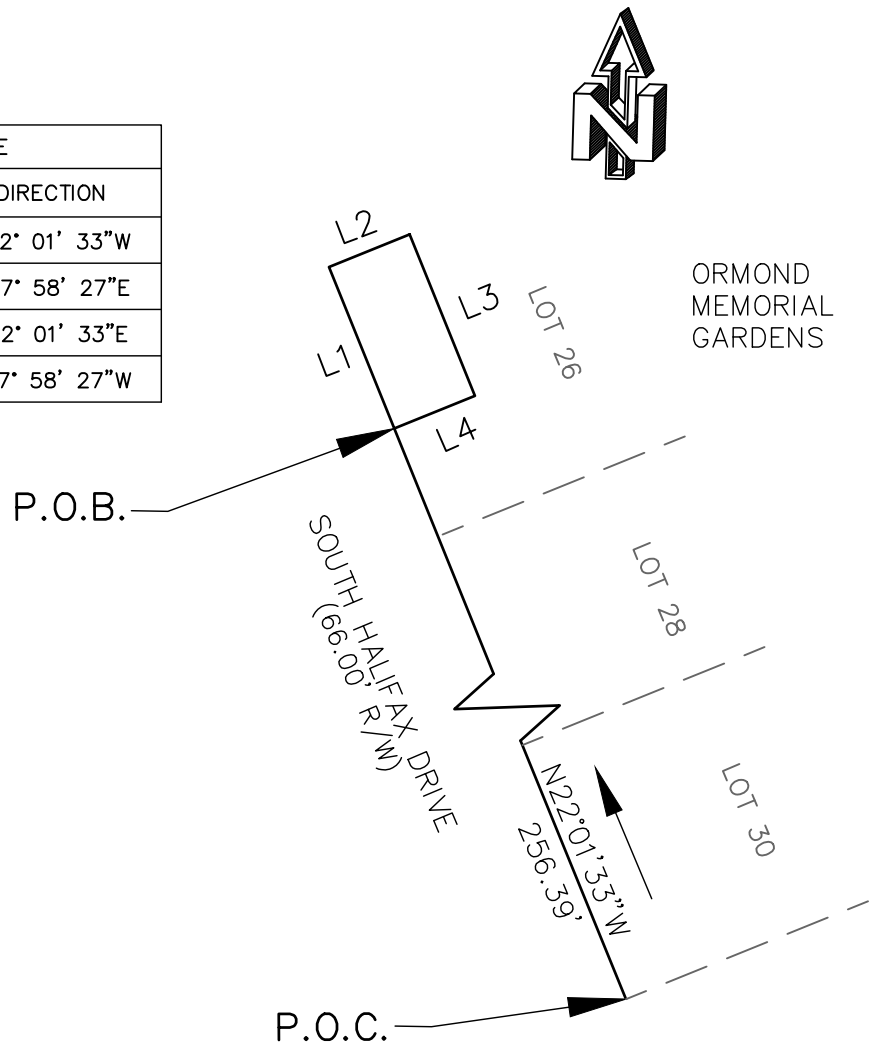
FPL EASEMENT

A PORTION OF LOT 26, WORTHY AND HUBBARDS ADDITION TO THE TOWN OF ORMOND, AS RECORDED IN MAP BOOK 1, PAGE 121, OFFICIAL RECORDS OF VOLUSIA COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

FROM A POINT OF COMMENCEMENT, SAID POINT BEING THE INTERESECTION OF THE SOUTHWEST CORNER OF LOT 30 OF THE AFORESAID WORTHY AND HUBBARDS ADDITION TO THE TOWN OF ORMOND AND THE EASTERLY LINE OF SOUTH HALIFAX DRIVE (A 66 FOOT RIGHT-OF-WAY AS NOW LAID OUT AND OCCUPIED); THENCE N22°01'33"W ALONG SAID EASTERLY LINE A DISTANCE OF 256.39 FEET TO THE POINT OF BEGINNING, THENCE CONTINUING N22°01'33"W A DISTANCE OF 30.00 FEET, THENCE DEPARTING SAID EASTERLY LINE, RUN N67°58'27"E A DISTANCE OF 15.00 FEET; THENCE S22°01'33"E A DISTANCE OF 30.00 FEET; THENCE S67°58'27"W A DISTANCE OF 15.00 FEET TO THE POINT OF BEGINNING.

SAID AREA CONTAINING 450 S.F. OR 0.01 AC.

LINE TABLE		
LINE #	LENGTH	DIRECTION
L1	30.00'	N22° 01' 33"W
L2	15.00'	N67° 58' 27"E
L3	30.00'	S22° 01' 33"E
L4	15.00'	S67° 58' 27"W



Work Request No. 11467530

Sec. 14, Twp 14 S, Rge 32 E

Parcel I.D. 421411000010
(Maintained by County Appraiser)

Form 3722 (Stocked) Rev. 6/11

UNDERGROUND EASEMENT (BUSINESS)

This Instrument Prepared By

Name: Beverly Hutto
Co. Name: Florida Power & Light Co
Address: 3000 Spruce Creek Road
Port Orange, FL 32129

pg 1 of 2.

8.C.c

The undersigned, in consideration of the payment of \$1.00 and other good and valuable consideration, the adequacy and receipt of which is hereby acknowledged, grant and give to Florida Power & Light Company, its licensees, agents, successors, and assigns ("FPL"), a non-exclusive easement forever for the construction, operation and maintenance of underground electric utility facilities (including cables, conduits, appurtenant equipment, and appurtenant above ground equipment) to be installed from time to time; with the right to reconstruct, improve, add to, enlarge, change the voltage, as well as, the size of and remove such facilities or any of them within an easement described as follows:

Reserved for Circuit Court

See Exhibit "A" ("Easement Area")

Together with the right to permit FPL to attach wires to any facilities hereunder and lay cable and conduit within the easement and to operate the same for FPL's communications purposes; the right of ingress and egress to the Easement Area at all times; the right to clear the land and keep it cleared of all trees, undergrowth and other obstructions within the Easement Area; to trim and cut and keep trimmed and cut all dead, weak, leaning or dangerous trees or limbs outside of the easement area which might interfere with or fall upon the lines or systems of communications or power transmission or distribution; and further grants, to the fullest extent the undersigned has the power to grant, if at all, the rights hereinabove granted on the Easement Area heretofore described, over, along, under and across the roads, streets or highways adjoining or through said Easement Area.

IN WITNESS WHEREOF, the undersigned has signed and sealed this instrument on _____, 20__.

Signed, sealed and delivered in the presence of:

City of Ormond Beach

(Witness' Signature)

By: _____

Print Name: _____
(Witness)

Print Name: _____

(Witness' Signature)

Print Address: _____

Print Name: _____
(Witness)

STATE OF _____ AND COUNTY OF _____. The foregoing instrument was acknowledged before me this _____ day of _____, 20__, by _____, the _____ of _____ a _____, who is personally known to me or has produced _____ as identification, and who did (did not) take an oath.
(Type of Identification)

My Commission Expires:

Notary Public, Signature

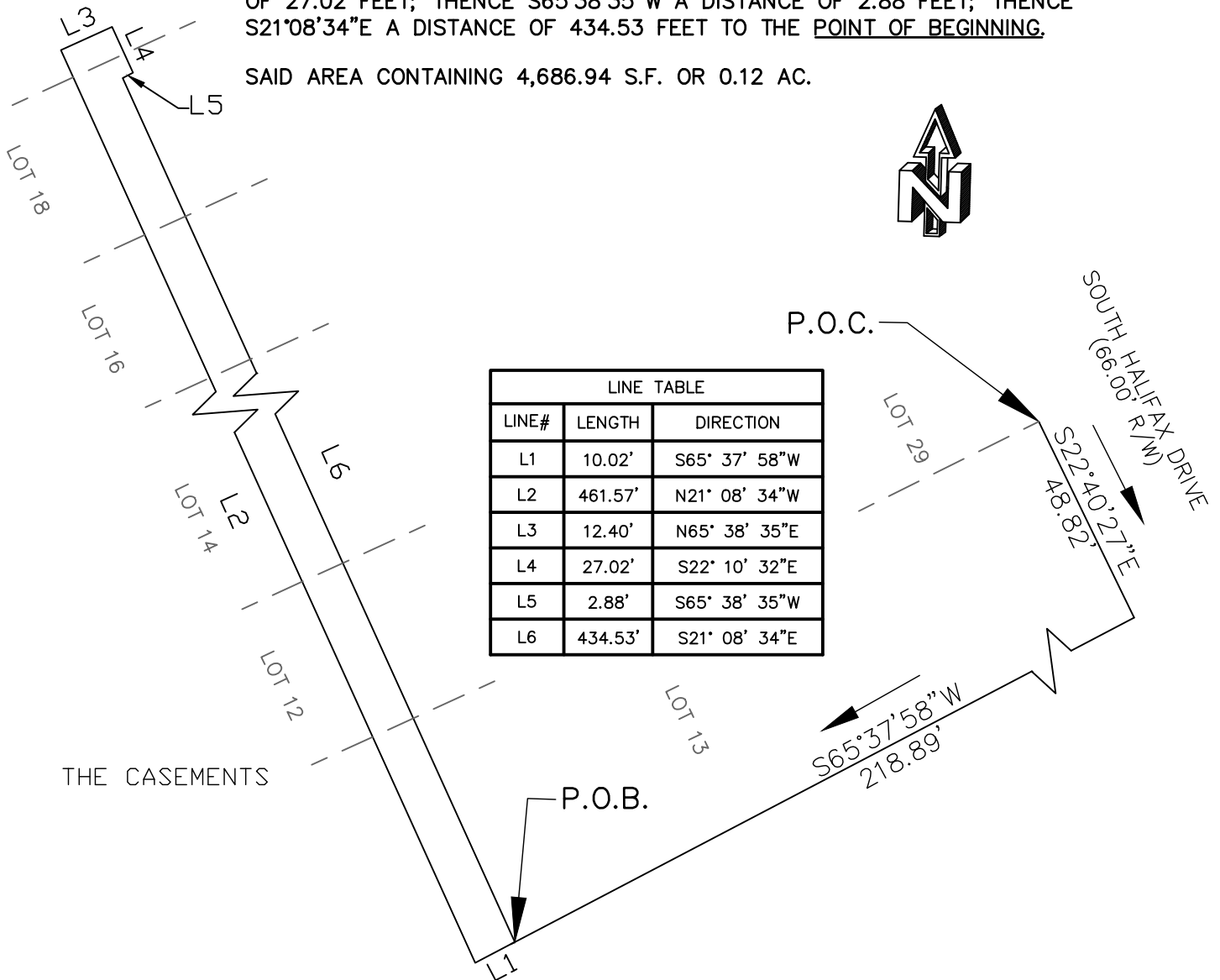
Print Name _____

FPL EASEMENT

PORTIONS OF LOTS 12, 14, 16, AND 18, WORTHY AND HUBBARDS ADDITION TO THE TOWN OF ORMOND, MAP BOOK 1, PAGE 121, AND A PORTION OF LOT 13, OF THE ASSESSORS SUBDIVISION OF ORMOND BEACH MAP BOOK 3, PAGE 79, ALL IN THE PUBLIC RECORDS OF VOLUSIA COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

FROM A POINT OF COMMENCEMENT SAID POINT BEING THE INTERSECTION OF THE SOUTHEAST CORNER OF LOT 29, OF SAID WORTHY AND HUBBARDS ADDITION TO THE TOWN OF ORMOND, AND THE WESTERLY LINE OF SOUTH HALIFAX DRIVE (A 66 FOOT RIGHT-OF-WAY AS NOW LAID OUT AND OCCUPIED); THENCE RUN S22°40'27"E ALONG SAID WESTERLY LINE A DISTANCE OF 48.82 FEET, THENCE DEPARTING SAID WESTERLY LINE RUN S65°37'58"W A DISTANCE OF 218.89 FEET TO THE POINT OF BEGINNING FOR THIS DESCRIPTION, THENCE CONTINUE S65°37'58"W A DISTANCE OF 10.02 FEET; THENCE N21°08'34"W A DISTANCE OF 461.57 FEET; THENCE; N65°38'35"E A DISTANCE OF 12.40 FEET; THENCE S22°10'32"E A DISTANCE OF 27.02 FEET; THENCE S65°38'35"W A DISTANCE OF 2.88 FEET; THENCE S21°08'34"E A DISTANCE OF 434.53 FEET TO THE POINT OF BEGINNING.

SAID AREA CONTAINING 4,686.94 S.F. OR 0.12 AC.





NO.	DATE	REVISIONS	BY	<i>City of Ormond Beach</i> Engineering Division	BILL PARTINGTON, MAYOR JOYCE A SHANAHAN, CITY MANAGER	EASEMENT EXHIBIT MAP	FPL EASEMENTS LOCATIONS	DATE: 8/23/2022	PROJECT NO.: 2022-XX
								SCALE: N.T.S.	FILE NAME: .DWG
					SHAWN FINLEY, P.E., PUBLIC WORKS DIRECTOR			DRAWN BY: CO	SHEET: 1 OF 1

Packet Pg. 468



CITY OF ORMOND BEACH

City Manager • 22 S. Beach Street • Ormond Beach • Florida • 32174 • (386) 676-3200 • Fax (386) 676-3384

CITY MANAGER MEMORANDUM

To: The Honorable Mayor Partington and City Commissioners

Through: Joyce A. Shanahan, City Manager

From: Brian Rademacher, Economic Development Director

Date: September 7, 2022

Subject: FAA/BIL Grant Agreement - AWOS Project (Design & Construction)

Commission Goal: Economic Development - Other

Introduction

This is a Resolution to authorize execution of a grant agreement between the City of Ormond Beach and the Federal Aviation Administration (FAA) to provide primary funding for the Automated Weather Observing System (AWOS) Replacement Project at the Ormond Beach Municipal Airport.

Background

The City submitted to the FAA a Fiscal Year (FY) 2022 Airport Improvement Program Grant pre-application on October 11, 2021. The pre-application served as notice to the FAA of the City's intention to submit a formal grant application in 2022 to request federal funding assistance for a project to design and install a new AWOS at the airport. A formal grant application for this project was submitted on April 21, 2022, following completion of the design and bidding phase. Design and bidding for this project was approved by the City Commission through Resolution 2022-29. The AWOS replacement project is part of the near-term capital improvement plan for the airport included in the Airport Master Plan Update that was approved by the City Commission in 2015. The project is also included in the City's approved Capital Improvement Program.

Discussion

This project will facilitate acquisition and installation of a new AWOS facility located in closer proximity to the airport's primary runway. The new AWOS system will provide 24/7 automated aviation weather information.

The existing AWOS is currently located to the east of the intersection of Taxiways B and D, in an area of busy helicopter activity. The existing AWOS is not connected to the National Airspace Data Interchange Network as are more modern systems; rather the automated collection system provides the local weather and the air traffic control tower

staff must upload it into the national system manually. Existing AWOS transmittal services to pilots are disabled during those hours when the control tower is in operation, because the tower is considered the primary source of local weather information during those times. The existing AWOS is only partially functional and repair options are limited due to a lack of new components for a system so dated.

FAA Order 6560.20B *Siting Criteria for AWOS* establishes the siting criteria for AWOS installation at airports and heliports. The AWOS sensors shall not violate runway or taxiway object free areas, runway or taxiway safety areas, obstacle free zones, or instrument flight procedures surfaces in AC 150/5300-13, *Airport Design*, or FAA Handbook 8260.3, TERPS.

According to FAA Order 6560.20B, at an airport with visual and/or non-precision instrument runways such as the Ormond Beach airport, the preferred siting of the AWOS cloud height, visibility, and wind sensors is adjacent to the primary runway 1,000 feet to 3,000 feet down the runway from the threshold. The primary runway is considered to be the runway with the lowest instrument approach minimums. Runway 9 is the runway with the lowest minimums. Therefore, relocating the AWOS to a location in closer proximity to Runway 9 and within 1,000 to 3,000 feet from the threshold is recommended.

Budget Impact

The total cost of this project including design, construction and construction engineering is \$342,630. The FAA/BIL grant presented for execution herein will provide 86% funding for design, construction and construction engineering costs in the amount of \$295,000. The Florida Department of Transportation will provide a grant to assist in covering eligible construction and construction engineering costs in the amount of \$24,770. The total cost to the airport fund for this project is \$22,859.

Citizen Impact

The AWOS replacement project pertains specifically to current and planned airport operations, and will have no impact upon the City's general population.

Recommendation

Staff recommends that the City Commission authorize execution of the grant agreement between the City and the FAA to provide primary funding for the Automated Weather Observing System Replacement Project at the airport.

Attachments:

- 22-108 FAA Grant - AWOS Replacement Project (P22-0123G) (PDF)
- Grant Agreement (PDF)
- FY 2022 FAA Grant Application Package (PDF)

- AWOS Design Plans (PDF)

REVIEWED BY:


Kelly McGuire, Finance Director 8/4/2022


Claire Whitley, Assistant City Manager 8/26/2022

APPROVED BY:


Joyce A. Shanahan, City Manager 8/29/2022

RESOLUTION NO. 2022-108

A RESOLUTION AUTHORIZING THE EXECUTION OF A GRANT AGREEMENT BETWEEN THE CITY AND THE FEDERAL AVIATION ADMINISTRATION TO FUND THE DESIGN, CONSTRUCTION AND CONSTRUCTION ENGINEERING SERVICES FOR THE AUTOMATED WEATHER OBSERVING SYSTEM REPLACEMENT PROJECT; AND SETTING FORTH AN EFFECTIVE DATE.

WHEREAS, the City submitted a FY 2022 Airport Improvement Program Grant pre-application to the Federal Aviation Administration (“FAA”) on October 11, 2021, for the purpose of obtaining federal funding assistance for a project to design and install a new Automated Weather Observing System (“AWOS”) at the Ormond Beach Municipal Airport (the “project”), and

WHEREAS, the City submitted a formal grant application for the project on April 21, 2022, and

WHEREAS, the total project cost, which includes design, construction, and construction engineering is \$342,630, and

WHEREAS, the FAA has issued a Bipartisan Infrastructure Law (BIL) - Airport Infrastructure Grant (AIG) offer to the City in the amount of \$295,000, representing eighty-six percent (86%) of the total project cost; and

WHEREAS, the Florida Department of Transportation (“FDOT”) is anticipated to provide grant funding in the amount of \$24,770 to assist in covering construction and construction engineering costs for the project, and

WHEREAS, the City is required to provide funds in the amount of \$22,859 for the project, which the City Manager has certified are available in the Airport Fund (108), and are not appropriated for any other purpose, now therefore,

BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF ORMOND BEACH, FLORIDA, THAT:

SECTION ONE. The Mayor and the City Manager are hereby authorized and directed to execute a Grant Agreement between the City and the Federal Aviation Administration regarding funding for the AWOS Replacement project. A copy of said Grant Agreement Number 3-12-0059-029-2022 is attached hereto and incorporated herein by reference.

SECTION TWO. This Resolution shall take effect immediately upon its adoption.

APPROVED AND AUTHENTICATED, this 7th day of September, 2022.

BILL PARTINGTON
Mayor

ATTEST:

SUSAN CARROLL DAUDERIS
City Clerk

3-12-0059-029-2022



U.S. Department
of Transportation
Federal Aviation
Administration

Orlando Airports District
Office:
8427 SouthPark Circle, Suite
524
Orlando, FL 32819

August 2, 2022

Mr. Steven Lichliter
Airport Manager
Ormond Beach Municipal Airport
22 South Beach Street
Ormond Beach, FL 32174

Dear Mr. Lichliter:

The Grant Offer for the Bipartisan Infrastructure Law (BIL) - Airport Infrastructure Grant (AIG) Project No. 3-12-0059-029-2022 at Ormond Beach Municipal Airport is attached for execution. This letter outlines the steps you must take to properly enter into this agreement and provides other useful information. Please read the conditions, special conditions, and assurances that comprise the grant offer carefully

You may not make any modification to the text, terms or conditions of the grant offer.

Steps You Must Take to Enter Into Agreement.

To properly enter into this agreement, you must do the following:

1. The governing body must give authority to execute the grant to the individual(s) signing the grant, i.e., the person signing the document must be the sponsor's authorized representative(s) (hereinafter "authorized representative").
2. The authorized representative must execute the grant by adding their electronic signature to the appropriate certificate at the end of the agreement.
3. Once the authorized representative has electronically signed the grant, the sponsor's attorney(s) will automatically receive an email notification.
4. On the **same day or after** the authorized representative has signed the grant, the sponsor's attorney(s) will add their electronic signature to the appropriate certificate at the end of the agreement.
5. If there are co-sponsors, the authorized representative(s) and sponsor's attorney(s) must follow the above procedures to fully execute the grant and finalize the process. Signatures must be obtained and finalized no later than **September 21, 2022**.
6. The fully executed grant will then be automatically sent to all parties as an email attachment.

Payment. Subject to the requirements in 2 CFR § 200.305 (Federal Payment), each payment request for reimbursement under this grant must be made electronically via the Delphi eInvoicing System. Please see the attached Grant Agreement for more information regarding the use of this System.

3-12-0059-029-2022

Project Timing. The terms and conditions of this agreement require you to complete the project without undue delay and no later than the Period of Performance end date (1,460 days from the grant execution date). We will be monitoring your progress to ensure proper stewardship of these Federal funds. We expect you to submit payment requests for reimbursement of allowable incurred project expenses consistent with project progress. Your grant may be placed in “inactive” status if you do not make draws on a regular basis, which will affect your ability to receive future grant offers. Costs incurred after the Period of Performance ends are generally not allowable and will be rejected unless authorized by the FAA in advance.

Reporting. Until the grant is completed and closed, you are responsible for submitting formal reports as follows:

- For all grants, you must submit by December 31st of each year this grant is open:
 1. A signed/dated SF-270 (Request for Advance or Reimbursement for non-construction projects) or SF-271 or equivalent (Outlay Report and Request for Reimbursement for Construction Programs), and
 2. An SF-425 (Federal Financial Report).
- For non-construction projects, you must submit [FAA Form 5100-140, Performance Report](#) within 30 days of the end of the Federal fiscal year.
- For construction projects, you must submit [FAA Form 5370-1, Construction Progress and Inspection Report](#), within 30 days of the end of each Federal fiscal quarter.

Audit Requirements. As a condition of receiving Federal assistance under this award, you must comply with audit requirements as established under 2 CFR part 200. Subpart F requires non-Federal entities that expend \$750,000 or more in Federal awards to conduct a single or program specific audit for that year. Note that this includes Federal expenditures made under other Federal-assistance programs. Please take appropriate and necessary action to ensure your organization will comply with applicable audit requirements and standards.

Closeout. Once the project(s) is completed and all costs are determined, we ask that you work with your FAA contact indicated below to close the project without delay and submit the necessary final closeout documentation as required by your Region/Airports District Office.

FAA Contact Information. Scott W. Carraro, P.E., CFM, (407) 487-7222, scott.w.carraro@faa.gov is the assigned program manager for this grant and is readily available to assist you and your designated representative with the requirements stated herein.

We sincerely value your cooperation in these efforts and look forward to working with you to complete this important project.

Sincerely,



Bart Vernace, P.E.
Manager

3-12-0059-029-2022



U.S. Department
of Transportation
Federal Aviation
Administration

AIRPORT INFRASTRUCTURE GRANT

GRANT AGREEMENT

Part I - Offer

Federal Award Offer Date	August 2, 2022
Airport/Planning Area	Ormond Beach Municipal Airport
Airport Infrastructure Grant Number	3-12-0059-029-2022
Unique Entity Identifier	P7N5EWNDK217
TO:	City of Ormond Beach
	(herein called the "Sponsor")

FROM: **The United States of America** (acting through the Federal Aviation Administration, herein called the "FAA")

WHEREAS, the Sponsor has submitted to the FAA a Project Application dated April 20, 2022, for a grant of Federal funds for a project at or associated with the Ormond Beach Municipal Airport, which is included as part of this Grant Agreement; and

WHEREAS, the FAA has approved a project for the Ormond Beach Municipal Airport (herein called the "Project") consisting of the following:

Install AWOS III

which is more fully described in the Project Application.

NOW THEREFORE, Pursuant to and for the purpose of carrying out H.R. 3684, the Infrastructure Investment and Jobs Act (Public Law 117-58) of 2021 referred to as the Bipartisan Infrastructure Law (BIL); and the representations contained in the Project Application; and in consideration of: (a) the Sponsor's adoption and ratification of the Grant Assurances attached hereto; (b) the Sponsor's acceptance of this Offer; and (c) the benefits to accrue to the United States and the public from the accomplishment of the Project and compliance with the Grant Assurance and conditions as herein provided;

3-12-0059-029-2022

THE FEDERAL AVIATION ADMINISTRATION, FOR AND ON BEHALF OF THE UNITED STATES, HEREBY OFFERS AND AGREES to pay ninety (90) % of the allowable costs incurred accomplishing the Project as the United States share of the Project.

Assistance Listings Number (Formerly CFDA Number): 20.106

This Offer is made on and SUBJECT TO THE FOLLOWING TERMS AND CONDITIONS:

CONDITIONS

1. **Maximum Obligation.** The maximum obligation of the United States payable under this Offer is \$295,000.

The following amounts represent a breakdown of the maximum obligation for the purpose of establishing allowable amounts for any future grant amendment, which may increase the foregoing maximum obligation of the United States under the provisions of 49 U.S.C. § 47108(b):

\$ 0 for planning

\$ 295,000 airport development or noise program implementation; and,

\$ 0 for land acquisition.

2. **Grant Performance.** This Grant Agreement is subject to the following Federal award requirements:

- a. Period of Performance:

1. Shall start on the date the Sponsor formally accepts this Agreement and is the date signed by the last Sponsor signatory to the Agreement. The end date of the Period of Performance is 4 years (1,460 calendar days) from the date of acceptance. The Period of Performance end date shall not affect, relieve, or reduce Sponsor obligations and assurances that extend beyond the closeout of this Grant Agreement.
2. Means the total estimated time interval between the start of an initial Federal award and the planned end date, which may include one or more funded portions or budget periods. (2 Code of Federal Regulations (CFR) § 200.1).

- b. Budget Period:

1. For this Grant is 4 years (1,460 calendar days) and follows the same start and end date as the period of performance provided in paragraph (2)(a)(1) Pursuant to 2 CFR § 200.403(h), the Sponsor may charge to the Grant only allowable costs incurred during the Budget Period.
2. Means the time interval from the start date of a funded portion of an award to the end date of that funded portion during which the Sponsor is authorized to expend the funds awarded, including any funds carried forward or other revisions pursuant to 2 CFR § 200.308.

- c. Close Out and Termination

1. Unless the FAA authorizes a written extension, the Sponsor must submit all Grant closeout documentation and liquidate (pay-off) all obligations incurred under this award no later than 120 calendar days after the end date of the period of performance. If the Sponsor does not submit all required closeout documentation within this time period, the FAA will proceed to close out the grant within one year of the period of performance end date with the information available at the end of 120 days. (2 CFR § 200.344).

3-12-0059-029-2022

2. The FAA may terminate this Grant, in whole or in part, in accordance with the conditions set forth in 2 CFR § 200.340, or other Federal regulatory or statutory authorities as applicable.
3. **Ineligible or Unallowable Costs.** The Sponsor must not include any costs in the project that the FAA has determined to be ineligible or unallowable.
4. **Indirect Costs - Sponsor.** The Sponsor may charge indirect costs under this award by applying the indirect cost rate identified in the project application as accepted by the FAA, to allowable costs for Sponsor direct salaries and wages.
5. **Determining the Final Federal Share of Costs.** The United States' share of allowable project costs will be made in accordance with 49 U.S.C. § 47109, the regulations, policies, and procedures of the Secretary, and any superseding legislation. Final determination of the United States' share will be based upon the final audit of the total amount of allowable project costs and settlement will be made for any upward or downward adjustments to the Federal share of costs.
6. **Completing the Project Without Delay and in Conformance with Requirements.** The Sponsor must carry out and complete the project without undue delays and in accordance with this Agreement, BIL (Public Law 117-58), and the regulations, and the Secretary of Transportation's ("Secretary's") policies and procedures. Per 2 CFR § 200.308, the Sponsor agrees to report and request prior FAA approval for any disengagement from performing the project that exceeds three months or a 25 percent reduction in time devoted to the project. The report must include a reason for the project stoppage. The Sponsor also agrees to comply with the grant assurances, which are part of this Agreement.
7. **Amendments or Withdrawals before Grant Acceptance.** The FAA reserves the right to amend or withdraw this offer at any time prior to its acceptance by the Sponsor.
8. **Offer Expiration Date.** This offer will expire and the United States will not be obligated to pay any part of the costs of the project unless this offer has been accepted by the Sponsor on or before September 21, 2022, or such subsequent date as may be prescribed in writing by the FAA.
9. **Improper Use of Federal Funds.** The Sponsor must take all steps, including litigation if necessary, to recover Federal funds spent fraudulently, wastefully, or in violation of Federal antitrust statutes, or misused in any other manner for any project upon which Federal funds have been expended. For the purposes of this Grant Agreement, the term "Federal funds" means funds however used or dispersed by the Sponsor, that were originally paid pursuant to this or any other Federal grant agreement. The Sponsor must obtain the approval of the Secretary as to any determination of the amount of the Federal share of such funds. The Sponsor must return the recovered Federal share, including funds recovered by settlement, order, or judgment, to the Secretary. The Sponsor must furnish to the Secretary, upon request, all documents and records pertaining to the determination of the amount of the Federal share or to any settlement, litigation, negotiation, or other efforts taken to recover such funds. All settlements or other final positions of the Sponsor, in court or otherwise, involving the recovery of such Federal share require advance approval by the Secretary.
10. **United States Not Liable for Damage or Injury.** The United States is not responsible or liable for damage to property or injury to persons which may arise from, or be incident to, compliance with this Grant Agreement.
11. **System for Award Management (SAM) Registration and Unique Entity Identifier (UEI).**

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- a. Requirement for System for Award Management (SAM): Unless the Sponsor is exempted from this requirement under 2 CFR § 25.110, the Sponsor must maintain the currency of its information in the SAM until the Sponsor submits the final financial report required under this Grant, or receives the final payment, whichever is later. This requires that the Sponsor review and update the information at least annually after the initial registration and more frequently if required by changes in information or another award term. Additional information about registration procedures may be found at the SAM website (currently at <http://www.sam.gov>).
 - b. Unique entity identifier (UEI) means a 12-character alpha-numeric value used to identify a specific commercial, nonprofit or governmental entity. A UEI may be obtained from SAM.gov at <https://sam.gov/SAM/pages/public/index.jsf>.
12. **Electronic Grant Payment(s).** Unless otherwise directed by the FAA, the Sponsor must make each payment request under this Agreement electronically via the Delphi eInvoicing System for Department of Transportation (DOT) Financial Assistance Awardees.
13. **Informal Letter Amendment of BIL Projects.** If, during the life of the project, the FAA determines that the maximum grant obligation of the United States exceeds the expected needs of the Sponsor by \$25,000 or five percent (5%), whichever is greater, the FAA can issue a letter amendment to the Sponsor unilaterally reducing the maximum obligation.

The FAA can, subject to the availability of Federal funds, issue a letter to the Sponsor increasing the maximum obligation if there is an overrun in the total actual eligible and allowable project costs to cover the amount of the overrun provided it will not exceed the statutory limitations for grant amendments. The FAA's authority to increase the maximum obligation does not apply to the "planning" component of Condition No. 1, Maximum Obligation.

The FAA can also issue an informal letter amendment that modifies the grant description to correct administrative errors or to delete work items if the FAA finds it advantageous and in the best interests of the United States.

An informal letter amendment has the same force and effect as a formal grant amendment.
14. **Air and Water Quality.** The Sponsor is required to comply with all applicable air and water quality standards for all projects in this grant. If the Sponsor fails to comply with this requirement, the FAA may suspend, cancel, or terminate this Grant Agreement.
15. **Financial Reporting and Payment Requirements.** The Sponsor will comply with all Federal financial reporting requirements and payment requirements, including submittal of timely and accurate reports.
16. **Buy American.** Unless otherwise approved in advance by the FAA, in accordance with 49 U.S.C. § 50101, the Sponsor will not acquire or permit any contractor or subcontractor to acquire any steel or manufactured products produced outside the United States to be used for any project for which funds are provided under this grant. The Sponsor will include a provision implementing Buy American in every contract and subcontract awarded under this Grant.
17. **Build America, Buy American.** The sponsor must comply with the requirements under the Build America, Buy America Act (Public Law 117-58).
18. **Maximum Obligation Increase.** In accordance with 49 U.S.C. § 47108(b)(3), as amended, the maximum obligation of the United States, as stated in Condition No. 1, Maximum Obligation, of this Grant Offer:

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- a. May not be increased for a planning project;
- b. May be increased by not more than 15 percent for development projects if funds are available;
- c. May be increased by not more than the greater of the following for a land project, if funds are available:
 - 1. 15 percent; or
 - 2. 25 percent of the total increase in allowable project costs attributable to acquiring an interest in the land.

If the sponsor requests an increase, any eligible increase in funding will be subject to the United States Government share as provided in BIL (Public Law 117-58), or other superseding legislation if applicable, for the fiscal year appropriation with which the increase is funded. The FAA is not responsible for the same Federal share provided herein for any amount increased over the initial grant amount. The FAA may adjust the Federal share as applicable through an informal letter of amendment.

19. Audits for Sponsors.

PUBLIC SPONSORS. The Sponsor must provide for a Single Audit or program-specific audit in accordance with 2 CFR Part 200. The Sponsor must submit the audit reporting package to the Federal Audit Clearinghouse on the Federal Audit Clearinghouse's Internet Data Entry System at <http://harvester.census.gov/facweb/>. Upon request of the FAA, the Sponsor shall provide one copy of the completed audit to the FAA. Sponsors that expend less than \$750,000 in Federal awards and are exempt from Federal audit requirements must make records available for review or audit by the appropriate Federal agency officials, State, and Government Accountability Office. The FAA and other appropriate Federal agencies may request additional information to meet all Federal audit requirements.

20. Suspension or Debarment. When entering into a "covered transaction" as defined by 2 CFR § 180.200, the Sponsor must:

- a. Verify the non-Federal entity is eligible to participate in this Federal program by:
 - 1. Checking the excluded parties list system (EPLS) as maintained within the System for Award Management (SAM) to determine if the non-Federal entity is excluded or disqualified; or
 - 2. Collecting a certification statement from the non-Federal entity attesting they are not excluded or disqualified from participating; or
 - 3. Adding a clause or condition to covered transactions attesting the individual or firm are not excluded or disqualified from participating.
- b. Require prime contractors to comply with 2 CFR § 180.330 when entering into lower-tier transactions (e.g., sub-contracts).
- c. Immediately disclose in writing to the FAA whenever (1) the Sponsor learns they have entered into a covered transaction with an ineligible entity or (2) the Public Sponsor suspends or debars a contractor, person, or entity.

21. Ban on Texting While Driving.

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- a. In accordance with Executive Order 13513, Federal Leadership on Reducing Text Messaging While Driving, October 1, 2009, and DOT Order 3902.10, Text Messaging While Driving, December 30, 2009, the Sponsor is encouraged to:
 - 1. Adopt and enforce workplace safety policies to decrease crashes caused by distracted drivers including policies to ban text messaging while driving when performing any work for, or on behalf of, the Federal government, including work relating to a grant or subgrant.
 - 2. Conduct workplace safety initiatives in a manner commensurate with the size of the business, such as:
 - i. Establishment of new rules and programs or re-evaluation of existing programs to prohibit text messaging while driving; and
 - ii. Education, awareness, and other outreach to employees about the safety risks associated with texting while driving.
- b. The Sponsor must insert the substance of this clause on banning texting while driving in all subgrants, contracts, and subcontracts funded with this Grant.

22. Trafficking in Persons.

- a. You as the recipient, your employees, subrecipients under this Grant, and subrecipients' employees may not:
 - 1. Engage in severe forms of trafficking in persons during the period of time that the Grant and applicable conditions are in effect;
 - 2. Procure a commercial sex act during the period of time that the Grant and applicable conditions are in effect; or
 - 3. Use forced labor in the performance of the Grant or any subgrants under this Grant.
- b. We as the Federal awarding agency, may unilaterally terminate this Grant, without penalty, if you or a subrecipient that is a private entity:
 - 1. Is determined to have violated a prohibition in paragraph (a) of this condition; or
 - 2. Has an employee who is determined by the agency official authorized to terminate the Grant to have violated a prohibition in paragraph (a) of this Condition through conduct that is either –
 - i. Associated with performance under this Grant; or
 - ii. Imputed to the subrecipient using the standards and due process for imputing the conduct of an individual to an organization that are provided in 2 CFR Part 180, OMB Guidelines to Agencies on Government-wide Debarment and Suspension (Nonprocurement), as implemented by our agency at 2 CFR Part 1200.
- c. You must inform us immediately of any information you receive from any source alleging a violation of a prohibition in paragraph (a) of this Condition.
- d. Our right to terminate unilaterally that is described in paragraph (a) of this Condition:
 - 1. Implements section 106(g) of the Trafficking Victims Protection Act of 2000 (TVPA), as amended (22 U.S.C. § 7104(g)), and

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2. Is in addition to all other remedies for noncompliance that are available to us under this Grant Agreement.
23. **BIL Funded Work Included in a PFC Application.** Within 120 days of acceptance of this Grant Agreement, the Sponsor must submit to the FAA an amendment to any approved Passenger Facility Charge (PFC) application that contains an approved PFC project also covered under this Grant Agreement as described in the project application. The airport sponsor may not make any expenditure under this Grant Agreement until project work addressed under this Grant Agreement is removed from an approved PFC application by amendment.
24. **Exhibit "A" Property Map.** The Exhibit "A" Property Map dated September 28, 2016, is incorporated herein by reference or is submitted with the project application and made part of this Grant Agreement.
25. **Employee Protection from Reprisal.**
 - a. Prohibition of Reprisals
 1. In accordance with 41 U.S.C. § 4712, an employee of a Sponsor, grantee, subgrantee, contractor, or subcontractor may not be discharged, demoted, or otherwise discriminated against as a reprisal for disclosing to a person or body described in sub-paragraph (a)(2) below, information that the employee reasonably believes is evidence of:
 - i. Gross mismanagement of a Federal grant;
 - ii. Gross waste of Federal funds;
 - iii. An abuse of authority relating to implementation or use of Federal funds;
 - iv. A substantial and specific danger to public health or safety; or
 - v. A violation of law, rule, or regulation related to a Federal grant.
 2. Persons and bodies covered - The persons and bodies to which a disclosure by an employee is covered are as follows:
 - i. A member of Congress or a representative of a committee of Congress;
 - ii. An Inspector General;
 - iii. The Government Accountability Office;
 - iv. A Federal employee responsible for contract or grant oversight or management at the relevant agency;
 - v. A court or grand jury;
 - vi. A management official or other employee of the Sponsor, contractor, or subcontractor who has the responsibility to investigate, discover, or address misconduct; or
 - vii. An authorized official of the Department of Justice or other law enforcement agency.
 3. Submission of Complaint. A person who believes that they have been subjected to a reprisal prohibited by paragraph (a) of this Condition may submit a complaint regarding the reprisal to the Office of Inspector General (OIG) for the U.S. Department of Transportation.
 4. Time Limitation for Submittal of a Complaint. A complaint may not be brought under this subsection more than three years after the date on which the alleged reprisal took place.
 5. Required Actions of the Inspector General. Actions, limitations, and exceptions of the OIG's office are established under 41 U.S.C. § 4712(b).

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6. Assumption of Rights to Civil Remedy. Upon receipt of an explanation of a decision not to conduct or continue an investigation by the OIG, the person submitting a complaint assumes the right to a civil remedy under 41 U.S.C. § 4712(c)(2).

SPECIAL CONDITIONS

26. Automated Weather Observing Systems (AWOS).

The Sponsor understands that the FAA Air Traffic Organization (ATO), pursuant to 49 U.S.C. § 44502(e), will not take over the ownership, operation, or maintenance of any Sponsor-acquired AWOS equipment unless:

- a. It was purchased between October 5, 2018, and December 31, 2021, or after January 1, 2022 by a Sponsor located in a non contiguous state;
- b. The FAA determines the equipment meets FAA's performance specifications and acceptance criteria; and
- c. The FAA agrees to take over the equipment under a transfer plan.

Furthermore, if the Sponsor meets the above criteria, then the Sponsor shall:

- a. Within 60 calendar days of grant acceptance, enter into a Memorandum of Agreement (MOA) with the FAA to establish a transfer plan;
- b. Develop an Operations Maintenance Manual to more specifically describe the operational, maintenance, and documentation requirements for the AWOS if the Sponsor does not have an agreement with the FAA to take over the system within 30 days of commissioning in accordance with 49 U.S.C. § 44502(e);
- c. Within 60 calendar days of installation, take the necessary actions to initiate the AWOS commissioning by the FAA; and
- d. Provide for the continuous operation, and maintenance of any Non-Federal AWOS funded under this grant for the useful life of the equipment unless the equipment is transferred to the ATO under 49 U.S.C. § 44502(e). The Sponsor shall notify the Airports District Office or Regional Office once the transfer has been completed.

If the ATO does not agree to take over the equipment in the transfer plan within 60 days after the Sponsor accepted the grant offer, the Sponsor will have a 30 day option to either terminate the Grant Agreement or the Sponsor will be required to operate and maintain the equipment in accordance with paragraphs (b)–(d) above.

27. **Buy American Executive Orders.** The Sponsor agrees to abide by applicable Executive Orders in effect at the time this Grant Agreement is executed, including Executive Order 14005, Ensuring the Future Is Made in All of America by All of America's Workers.

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The Sponsor's acceptance of this Offer and ratification and adoption of the Project Application incorporated herein shall be evidenced by execution of this instrument by the Sponsor, as hereinafter provided, and this Offer and Acceptance shall comprise a Grant Agreement, constituting the contractual obligations and rights of the United States and the Sponsor with respect to the accomplishment of the Project and compliance with the Grant Assurances, terms, and conditions as provided herein. Such Grant Agreement shall become effective upon the Sponsor's acceptance of this Offer.

Please read the following information: By signing this document, you are agreeing that you have reviewed the following consumer disclosure information and consent to transact business using electronic communications, to receive notices and disclosures electronically, and to utilize electronic signatures in lieu of using paper documents. You are not required to receive notices and disclosures or sign documents electronically. If you prefer not to do so, you may request to receive paper copies and withdraw your consent at any time.

I declare under penalty of perjury that the foregoing is true and correct.¹

**UNITED STATES OF AMERICA
FEDERAL AVIATION ADMINISTRATION**



(Signature)

Bart Vernace

(Typed Name)

Manager

(Title of FAA Official)

¹ Knowingly and willfully providing false information to the Federal government is a violation of 18 U.S.C. § 1001 (False Statements) and could subject you to fines, imprisonment, or both.

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Part II - Acceptance

The Sponsor does hereby ratify and adopt all assurances, statements, representations, warranties, covenants, and agreements contained in the Project Application and incorporated materials referred to in the foregoing Offer, and does hereby accept this Offer and by such acceptance agrees to comply with all of the Grant Assurances, terms, and conditions in this Offer and in the Project Application.

Please read the following information: By signing this document, you are agreeing that you have reviewed the following consumer disclosure information and consent to transact business using electronic communications, to receive notices and disclosures electronically, and to utilize electronic signatures in lieu of using paper documents. You are not required to receive notices and disclosures or sign documents electronically. If you prefer not to do so, you may request to receive paper copies and withdraw your consent at any time.

I declare under penalty of perjury that the foregoing is true and correct.²

Dated _____

City of Ormond Beach

(Name of Sponsor)

(Signature of Sponsor's Authorized Official)

By: _____

(Typed Name of Sponsor's Authorized Official)

Title: _____

(Title of Sponsor's Authorized Official)

² Knowingly and willfully providing false information to the Federal government is a violation of 18 U.S.C. § 1001 (False Statements) and could subject you to fines, imprisonment, or both.

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CERTIFICATE OF SPONSOR'S ATTORNEY

I, _____, acting as Attorney for the Sponsor do hereby certify:

That in my opinion the Sponsor is empowered to enter into the foregoing Grant Agreement under the laws of the State of Florida. Further, I have examined the foregoing Grant Agreement and the actions taken by said Sponsor and Sponsor's official representative, who has been duly authorized to execute this Grant Agreement, which is in all respects due and proper and in accordance with the laws of the said State; the Infrastructure Investment and Jobs Act (Public Law 117-58) of 2021 referred to as the Bipartisan Infrastructure Law (BIL), Division J, Title VIII; and the representations contained in the Project Application. In addition, for grants involving projects to be carried out on property not owned by the Sponsor, there are no legal impediments that will prevent full performance by the Sponsor. Further, it is my opinion that the said Grant Agreement constitutes a legal and binding obligation of the Sponsor in accordance with the terms thereof.

Please read the following information: By signing this document, you are agreeing that you have reviewed the following consumer disclosure information and consent to transact business using electronic communications, to receive notices and disclosures electronically, and to utilize electronic signatures in lieu of using paper documents. You are not required to receive notices and disclosures or sign documents electronically. If you prefer not to do so, you may request to receive paper copies and withdraw your consent at any time.

I declare under penalty of perjury that the foregoing is true and correct.³

Dated at _____

By: _____
(Signature of Sponsor's Attorney)

³ Knowingly and willfully providing false information to the Federal government is a violation of 18 U.S.C. § 1001 (False Statements) and could subject you to fines, imprisonment, or both.

ASSURANCES

AIRPORT SPONSORS

A. General.

1. These assurances shall be complied with in the performance of grant agreements for airport development, airport planning, and noise compatibility program grants for airport sponsors.
2. These assurances are required to be submitted as part of the project application by sponsors requesting funds under the provisions of Public Law 117-58, Division J, Title VIII, as amended. As used herein, the term "public agency sponsor" means a public agency with control of a public-use airport; the term "private sponsor" means a private owner of a public-use airport; and the term "sponsor" includes both public agency sponsors and private sponsors.
3. Upon acceptance of this grant offer by the sponsor, these assurances are incorporated in and become part of this Grant Agreement.

B. Duration and Applicability.

1. **Airport development or Noise Compatibility Program Projects Undertaken by a Public Agency Sponsor.**

The terms, conditions and assurances of this Grant Agreement shall remain in full force and effect throughout the useful life of the facilities developed or equipment acquired for an airport development or noise compatibility program project, or throughout the useful life of the project items installed within a facility under a noise compatibility program project, but in any event not to exceed twenty (20) years from the date of acceptance of a grant offer of Federal funds for the project. However, there shall be no limit on the duration of the assurances regarding Exclusive Rights and Airport Revenue so long as the airport is used as an airport. There shall be no limit on the duration of the terms, conditions, and assurances with respect to real property acquired with federal funds. Furthermore, the duration of the Civil Rights assurance shall be specified in the assurances.

2. **Airport Development or Noise Compatibility Projects Undertaken by a Private Sponsor.**

The preceding paragraph (1) also applies to a private sponsor except that the useful life of project items installed within a facility or the useful life of the facilities developed or equipment acquired under an airport development or noise compatibility program project shall be no less than ten (10) years from the date of acceptance of Federal aid for the project.

3. **Airport Planning Undertaken by a Sponsor.**

Unless otherwise specified in this Grant Agreement, only Assurances 1, 2, 3, 5, 6, 13, 18, 23, 25, 30, 32, 33, 34, and 37 in Section C apply to planning projects. The terms, conditions, and assurances of this Grant Agreement shall remain in full force and effect during the life of the project; there shall be no limit on the duration of the assurances regarding Exclusive Rights and Airport Revenue so long as the airport is used as an airport.

C. Sponsor Certification.

The sponsor hereby assures and certifies, with respect to this grant that:

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1. General Federal Requirements

It will comply with all applicable Federal laws, regulations, executive orders, policies, guidelines, and requirements as they relate to the application, acceptance, and use of Federal funds for this Grant including but not limited to the following:

FEDERAL LEGISLATION

-
- a. 49, U.S.C. subtitle VII, as amended.
 - b. Davis-Bacon Act, as amended — 40 U.S.C. §§ 3141-3144, 3146, and 3147, et seq.¹
 - c. Federal Fair Labor Standards Act - 29 U.S.C. § 201, et seq.
 - d. Hatch Act – 5 U.S.C. § 1501, et seq.²
 - e. Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, 42 U.S.C. § 4601, et seq.^{1, 2}
 - f. National Historic Preservation Act of 1966 – Section 106 - 54 U.S.C. § 306108.1.¹
 - g. Archeological and Historic Preservation Act of 1974 - 54 U.S.C. § 312501, et seq.¹
 - h. Native Americans Grave Repatriation Act - 25 U.S.C. § 3001, et seq.
 - i. Clean Air Act, P.L. 90-148, as amended - 42 U.S.C. § 7401, et seq.
 - j. Coastal Zone Management Act, P.L. 92-583, as amended - 16 U.S.C. § 1451, et seq.
 - k. Flood Disaster Protection Act of 1973 – Section 102(a) - 42 U.S.C. § 4012a.¹
 - l. 49 U.S.C. § 303, (formerly known as Section 4(f))
 - m. Rehabilitation Act of 1973 - 29 U.S.C. § 794.
 - n. Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252) (prohibits discrimination on the basis of race, color, national origin);
 - o. Americans with Disabilities Act of 1990, as amended, (42 U.S.C. § 12101 et seq.) (prohibits discrimination on the basis of disability).
 - p. Age Discrimination Act of 1975 - 42 U.S.C. § 6101, et seq.
 - q. American Indian Religious Freedom Act, P.L. 95-341, as amended.
 - r. Architectural Barriers Act of 1968, as amended - 42 U.S.C. § 4151, et seq.¹
 - s. Powerplant and Industrial Fuel Use Act of 1978 – Section 403 - 42 U.S.C. § 8373.¹
 - t. Contract Work Hours and Safety Standards Act - 40 U.S.C. § 3701, et seq.¹
 - u. Copeland Anti-kickback Act - 18 U.S.C. § 874.¹
 - v. National Environmental Policy Act of 1969 - 42 U.S.C. § 4321, et seq.¹
 - w. Wild and Scenic Rivers Act, P.L. 90-542, as amended – 16 U.S.C. § 1271, et seq.
 - x. Single Audit Act of 1984 - 31 U.S.C. § 7501, et seq.²
 - y. Drug-Free Workplace Act of 1988 - 41 U.S.C. §§ 8101 through 8105.
 - z. The Federal Funding Accountability and Transparency Act of 2006, as amended (Pub. L. 109-282, as amended by section 6202 of Pub. L. 110-252).

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- aa. Civil Rights Restoration Act of 1987, P.L. 100-259.
- bb. Build America, Buy America Act, P.L. 117-58, Title IX.

EXECUTIVE ORDERS

- a. Executive Order 11246 – Equal Employment Opportunity¹
- b. Executive Order 11990 – Protection of Wetlands
- c. Executive Order 11998 – Flood Plain Management
- d. Executive Order 12372 – Intergovernmental Review of Federal Programs
- e. Executive Order 12699 – Seismic Safety of Federal and Federally Assisted New Building Construction¹
- f. Executive Order 12898 – Environmental Justice
- g. Executive Order 13166 – Improving Access to Services for Persons with Limited English Proficiency
- h. Executive Order 13985 – Executive Order on Advancing Racial Equity and Support for Underserved Communities Through the Federal Government
- i. Executive Order 13988 – Preventing and Combating Discrimination on the Basis of Gender Identity or Sexual Orientation
- j. Executive Order 14005 – Ensuring the Future is Made in all of America by All of America’s Workers
- k. Executive Order 14008 – Tackling the Climate Crisis at Home and Abroad

FEDERAL REGULATIONS

- a. 2 CFR Part 180 – OMB Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement).
- b. 2 CFR Part 200 – Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards. ^{4, 5}
- c. 2 CFR Part 1200 – Nonprocurement Suspension and Debarment.
- d. 14 CFR Part 13 – Investigative and Enforcement Procedures.
- e. 14 CFR Part 16 – Rules of Practice for Federally-Assisted Airport Enforcement Proceedings.
- f. 14 CFR Part 150 – Airport Noise Compatibility Planning.
- g. 28 CFR Part 35 – Nondiscrimination on the Basis of Disability in State and Local Government Services.
- h. 28 CFR § 50.3 – U.S. Department of Justice Guidelines for the Enforcement of Title VI of the Civil Rights Act of 1964.
- i. 29 CFR Part 1 – Procedures for Predetermination of Wage Rates.¹
- j. 29 CFR Part 3 – Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States.¹

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- k. 29 CFR Part 5 – Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction (Also Labor Standards Provisions Applicable to Nonconstruction Contracts Subject to the Contract Work Hours and Safety Standards Act).¹
- l. 41 CFR Part 60 – Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor (Federal and Federally-assisted contracting requirements).¹
- m. 49 CFR Part 20 – New Restrictions on Lobbying.
- n. 49 CFR Part 21 – Nondiscrimination in Federally-Assisted Programs of the Department of Transportation - Effectuation of Title VI of the Civil Rights Act of 1964.
- o. 49 CFR Part 23 – Participation by Disadvantage Business Enterprise in Airport Concessions.
- p. 49 CFR Part 24 – Uniform Relocation Assistance and Real Property Acquisition for Federal and Federally-Assisted Programs.^{1, 2}
- q. 49 CFR Part 26 – Participation by Disadvantaged Business Enterprises in Department of Transportation Financial Assistance Programs.
- r. 49 CFR Part 27 – Nondiscrimination on the Basis of Disability in Programs or Activities Receiving Federal Financial Assistance.¹
- s. 49 CFR Part 28 – Enforcement of Nondiscrimination on the Basis of Handicap in Programs or Activities Conducted by the Department of Transportation.
- t. 49 CFR Part 30 – Denial of Public Works Contracts to Suppliers of Goods and Services of Countries That Deny Procurement Market Access to U.S. Contractors.
- u. 49 CFR Part 32 – Governmentwide Requirements for Drug-Free Workplace (Financial Assistance).
- v. 49 CFR Part 37 – Transportation Services for Individuals with Disabilities (ADA).
- w. 49 CFR Part 38 – Americans with Disabilities Act (ADA) Accessibility Specifications for Transportation Vehicles.
- x. 49 CFR Part 41 – Seismic Safety.

FOOTNOTES TO ASSURANCE (C)(1)

- ¹ These laws do not apply to airport planning sponsors.
- ² These laws do not apply to private sponsors.
- ³ 2 CFR Part 200 contains requirements for State and Local Governments receiving Federal assistance. Any requirement levied upon State and Local Governments by this regulation shall apply where applicable to private sponsors receiving Federal assistance under Title 49, United States Code.
- ⁴ Cost principles established in 2 CFR part 200 subpart E must be used as guidelines for determining the eligibility of specific types of expenses.
- ⁵ Audit requirements established in 2 CFR part 200 subpart F are the guidelines for audits.

SPECIFIC ASSURANCES

Specific assurances required to be included in grant agreements by any of the above laws, regulations or circulars are incorporated by reference in this Grant Agreement.

2. Responsibility and Authority of the Sponsor.**a. Public Agency Sponsor:**

It has legal authority to apply for this Grant, and to finance and carry out the proposed project; that a resolution, motion or similar action has been duly adopted or passed as an official act of the applicant's governing body authorizing the filing of the application, including all understandings and assurances contained therein, and directing and authorizing the person identified as the official representative of the applicant to act in connection with the application and to provide such additional information as may be required.

b. Private Sponsor:

It has legal authority to apply for this Grant and to finance and carry out the proposed project and comply with all terms, conditions, and assurances of this Grant Agreement. It shall designate an official representative and shall in writing direct and authorize that person to file this application, including all understandings and assurances contained therein; to act in connection with this application; and to provide such additional information as may be required.

3. Sponsor Fund Availability.

It has sufficient funds available for that portion of the project costs which are not to be paid by the United States. It has sufficient funds available to assure operation and maintenance of items funded under this Grant Agreement which it will own or control.

4. Good Title.

- a. It, a public agency or the Federal government, holds good title, satisfactory to the Secretary, to the landing area of the airport or site thereof, or will give assurance satisfactory to the Secretary that good title will be acquired.
- b. For noise compatibility program projects to be carried out on the property of the sponsor, it holds good title satisfactory to the Secretary to that portion of the property upon which Federal funds will be expended or will give assurance to the Secretary that good title will be obtained.

5. Preserving Rights and Powers.

- a. It will not take or permit any action which would operate to deprive it of any of the rights and powers necessary to perform any or all of the terms, conditions, and assurances in this Grant Agreement without the written approval of the Secretary, and will act promptly to acquire, extinguish or modify any outstanding rights or claims of right of others which would interfere with such performance by the sponsor. This shall be done in a manner acceptable to the Secretary.
- b. Subject to the FAA Act of 2018, Public Law 115-254, Section 163, it will not sell, lease, encumber, or otherwise transfer or dispose of any part of its title or other interests in the property shown on Exhibit A to this application or, for a noise compatibility program project, that portion of the property upon which Federal funds have been expended, for the duration of the terms, conditions, and assurances in this Grant Agreement without approval by the Secretary. If the transferee is found by the Secretary to be eligible under Title 49, United States Code, to assume the obligations of this Grant Agreement and to have the power, authority, and financial resources to carry out all such obligations, the sponsor shall insert in the contract or

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document transferring or disposing of the sponsor's interest, and make binding upon the transferee all of the terms, conditions, and assurances contained in this Grant Agreement.

- c. For all noise compatibility program projects which are to be carried out by another unit of local government or are on property owned by a unit of local government other than the sponsor, it will enter into an agreement with that government. Except as otherwise specified by the Secretary, that agreement shall obligate that government to the same terms, conditions, and assurances that would be applicable to it if it applied directly to the FAA for a grant to undertake the noise compatibility program project. That agreement and changes thereto must be satisfactory to the Secretary. It will take steps to enforce this agreement against the local government if there is substantial non-compliance with the terms of the agreement.
- d. For noise compatibility program projects to be carried out on privately owned property, it will enter into an agreement with the owner of that property which includes provisions specified by the Secretary. It will take steps to enforce this agreement against the property owner whenever there is substantial non-compliance with the terms of the agreement.
- e. If the sponsor is a private sponsor, it will take steps satisfactory to the Secretary to ensure that the airport will continue to function as a public-use airport in accordance with these assurances for the duration of these assurances.
- f. If an arrangement is made for management and operation of the airport by any agency or person other than the sponsor or an employee of the sponsor, the sponsor will reserve sufficient rights and authority to ensure that the airport will be operated and maintained in accordance with Title 49, United States Code, the regulations and the terms, conditions and assurances in this Grant Agreement and shall ensure that such arrangement also requires compliance therewith.
- g. Sponsors of commercial service airports will not permit or enter into any arrangement that results in permission for the owner or tenant of a property used as a residence, or zoned for residential use, to taxi an aircraft between that property and any location on airport. Sponsors of general aviation airports entering into any arrangement that results in permission for the owner of residential real property adjacent to or near the airport must comply with the requirements of 49 U.S.C. § 47107(s) and the sponsor assurances.

6. Consistency with Local Plans.

The project is reasonably consistent with plans (existing at the time of submission of this application) of public agencies that are authorized by the State in which the project is located to plan for the development of the area surrounding the airport.

7. Consideration of Local Interest.

It has given fair consideration to the interest of communities in or near where the project may be located.

8. Consultation with Users.

In making a decision to undertake any airport development project under Title 49, United States Code, it has undertaken reasonable consultations with affected parties using the airport at which project is proposed.

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9. Public Hearings.

In projects involving the location of an airport, an airport runway, or a major runway extension, it has afforded the opportunity for public hearings for the purpose of considering the economic, social, and environmental effects of the airport or runway location and its consistency with goals and objectives of such planning as has been carried out by the community and it shall, when requested by the Secretary, submit a copy of the transcript of such hearings to the Secretary. Further, for such projects, it has on its management board either voting representation from the communities where the project is located or has advised the communities that they have the right to petition the Secretary concerning a proposed project.

10. Metropolitan Planning Organization.

In projects involving the location of an airport, an airport runway, or a major runway extension at a medium or large hub airport, the sponsor has made available to and has provided upon request to the metropolitan planning organization in the area in which the airport is located, if any, a copy of the proposed amendment to the airport layout plan to depict the project and a copy of any airport master plan in which the project is described or depicted.

11. Pavement Preventive Maintenance.

With respect to a project approved after January 1, 1995, for the replacement or reconstruction of pavement at the airport, it assures or certifies that it has implemented an effective airport pavement maintenance-management program and it assures that it will use such program for the useful life of any pavement constructed, reconstructed or repaired with Federal financial assistance at the airport. It will provide such reports on pavement condition and pavement management programs as the Secretary determines may be useful.

12. Terminal Development Prerequisites.

For projects which include terminal development at a public use airport, as defined in Title 49, it has, on the date of submittal of the project grant application, all the safety equipment required for certification of such airport under 49 U.S.C. § 44706, and all the security equipment required by rule or regulation, and has provided for access to the passenger enplaning and deplaning area of such airport to passengers enplaning and deplaning from aircraft other than air carrier aircraft.

13. Accounting System, Audit, and Record Keeping Requirements.

- a. It shall keep all project accounts and records which fully disclose the amount and disposition by the recipient of the proceeds of this Grant, the total cost of the project in connection with which this Grant is given or used, and the amount or nature of that portion of the cost of the project supplied by other sources, and such other financial records pertinent to the project. The accounts and records shall be kept in accordance with an accounting system that will facilitate an effective audit in accordance with the Single Audit Act of 1984.
- b. It shall make available to the Secretary and the Comptroller General of the United States, or any of their duly authorized representatives, for the purpose of audit and examination, any books, documents, papers, and records of the recipient that are pertinent to this Grant. The Secretary may require that an appropriate audit be conducted by a recipient. In any case in which an independent audit is made of the accounts of a sponsor relating to the disposition of the proceeds of a grant or relating to the project in connection with which this Grant was given or used, it shall file a certified copy of such audit with the Comptroller General of the United

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States not later than six (6) months following the close of the fiscal year for which the audit was made.

14. Minimum Wage Rates.

It shall include, in all contracts in excess of \$2,000 for work on any projects funded under this Grant Agreement which involve labor, provisions establishing minimum rates of wages, to be predetermined by the Secretary of Labor under 40 U.S.C. §§ 3141-3144, 3146, and 3147, Public Building, Property, and Works), which contractors shall pay to skilled and unskilled labor, and such minimum rates shall be stated in the invitation for bids and shall be included in proposals or bids for the work.

15. Veteran's Preference.

It shall include in all contracts for work on any project funded under this Grant Agreement which involve labor, such provisions as are necessary to insure that, in the employment of labor (except in executive, administrative, and supervisory positions), preference shall be given to Vietnam era veterans, Persian Gulf veterans, Afghanistan-Iraq war veterans, disabled veterans, and small business concerns owned and controlled by disabled veterans as defined in 49 U.S.C. § 47112. However, this preference shall apply only where the individuals are available and qualified to perform the work to which the employment relates.

16. Conformity to Plans and Specifications.

It will execute the project subject to plans, specifications, and schedules approved by the Secretary. Such plans, specifications, and schedules shall be submitted to the Secretary prior to commencement of site preparation, construction, or other performance under this Grant Agreement, and, upon approval of the Secretary, shall be incorporated into this Grant Agreement. Any modification to the approved plans, specifications, and schedules shall also be subject to approval of the Secretary, and incorporated into this Grant Agreement.

17. Construction Inspection and Approval.

It will provide and maintain competent technical supervision at the construction site throughout the project to assure that the work conforms to the plans, specifications, and schedules approved by the Secretary for the project. It shall subject the construction work on any project contained in an approved project application to inspection and approval by the Secretary and such work shall be in accordance with regulations and procedures prescribed by the Secretary. Such regulations and procedures shall require such cost and progress reporting by the sponsor or sponsors of such project as the Secretary shall deem necessary.

18. Planning Projects.

In carrying out planning projects:

- a. It will execute the project in accordance with the approved program narrative contained in the project application or with the modifications similarly approved.
- b. It will furnish the Secretary with such periodic reports as required pertaining to the planning project and planning work activities.
- c. It will include in all published material prepared in connection with the planning project a notice that the material was prepared under a grant provided by the United States.

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- d. It will make such material available for examination by the public, and agrees that no material prepared with funds under this project shall be subject to copyright in the United States or any other country.
- e. It will give the Secretary unrestricted authority to publish, disclose, distribute, and otherwise use any of the material prepared in connection with this grant.
- f. It will grant the Secretary the right to disapprove the sponsor's employment of specific consultants and their subcontractors to do all or any part of this project as well as the right to disapprove the proposed scope and cost of professional services.
- g. It will grant the Secretary the right to disapprove the use of the sponsor's employees to do all or any part of the project.
- h. It understands and agrees that the Secretary's approval of this project grant or the Secretary's approval of any planning material developed as part of this grant does not constitute or imply any assurance or commitment on the part of the Secretary to approve any pending or future application for a Federal airport grant.

19. Operation and Maintenance.

- a. The airport and all facilities which are necessary to serve the aeronautical users of the airport, other than facilities owned or controlled by the United States, shall be operated at all times in a safe and serviceable condition and in accordance with the minimum standards as may be required or prescribed by applicable Federal, state and local agencies for maintenance and operation. It will not cause or permit any activity or action thereon which would interfere with its use for airport purposes. It will suitably operate and maintain the airport and all facilities thereon or connected therewith, with due regard to climatic and flood conditions. Any proposal to temporarily close the airport for non-aeronautical purposes must first be approved by the Secretary. In furtherance of this assurance, the sponsor will have in effect arrangements for:
 - 1. Operating the airport's aeronautical facilities whenever required;
 - 2. Promptly marking and lighting hazards resulting from airport conditions, including temporary conditions; and
 - 3. Promptly notifying aviators of any condition affecting aeronautical use of the airport. Nothing contained herein shall be construed to require that the airport be operated for aeronautical use during temporary periods when snow, flood, or other climatic conditions interfere with such operation and maintenance. Further, nothing herein shall be construed as requiring the maintenance, repair, restoration, or replacement of any structure or facility which is substantially damaged or destroyed due to an act of God or other condition or circumstance beyond the control of the sponsor.
- b. It will suitably operate and maintain noise compatibility program items that it owns or controls upon which Federal funds have been expended.

20. Hazard Removal and Mitigation.

It will take appropriate action to assure that such terminal airspace as is required to protect instrument and visual operations to the airport (including established minimum flight altitudes) will be adequately cleared and protected by removing, lowering, relocating, marking, or lighting or otherwise mitigating existing airport hazards and by preventing the establishment or creation of future airport hazards.

21. Compatible Land Use.

It will take appropriate action, to the extent reasonable, including the adoption of zoning laws, to restrict the use of land adjacent to or in the immediate vicinity of the airport to activities and purposes compatible with normal airport operations, including landing and takeoff of aircraft. In addition, if the project is for noise compatibility program implementation, it will not cause or permit any change in land use, within its jurisdiction, that will reduce its compatibility, with respect to the airport, of the noise compatibility program measures upon which Federal funds have been expended.

22. Economic Nondiscrimination.

- a. It will make the airport available as an airport for public use on reasonable terms and without unjust discrimination to all types, kinds and classes of aeronautical activities, including commercial aeronautical activities offering services to the public at the airport.
- b. In any agreement, contract, lease, or other arrangement under which a right or privilege at the airport is granted to any person, firm, or corporation to conduct or to engage in any aeronautical activity for furnishing services to the public at the airport, the sponsor will insert and enforce provisions requiring the contractor to:
 1. Furnish said services on a reasonable, and not unjustly discriminatory, basis to all users thereof, and
 2. Charge reasonable, and not unjustly discriminatory, prices for each unit or service, provided that the contractor may be allowed to make reasonable and nondiscriminatory discounts, rebates, or other similar types of price reductions to volume purchasers.
- c. Each fixed-based operator at the airport shall be subject to the same rates, fees, rentals, and other charges as are uniformly applicable to all other fixed-based operators making the same or similar uses of such airport and utilizing the same or similar facilities.
- d. Each air carrier using such airport shall have the right to service itself or to use any fixed-based operator that is authorized or permitted by the airport to serve any air carrier at such airport.
- e. Each air carrier using such airport (whether as a tenant, non-tenant, or subtenant of another air carrier tenant) shall be subject to such nondiscriminatory and substantially comparable rules, regulations, conditions, rates, fees, rentals, and other charges with respect to facilities directly and substantially related to providing air transportation as are applicable to all such air carriers which make similar use of such airport and utilize similar facilities, subject to reasonable classifications such as tenants or non-tenants and signatory carriers and non-signatory carriers. Classification or status as tenant or signatory shall not be unreasonably withheld by any airport provided an air carrier assumes obligations substantially similar to those already imposed on air carriers in such classification or status.
- f. It will not exercise or grant any right or privilege which operates to prevent any person, firm, or corporation operating aircraft on the airport from performing any services on its own aircraft with its own employees (including, but not limited to maintenance, repair, and fueling) that it may choose to perform.
- g. In the event the sponsor itself exercises any of the rights and privileges referred to in this assurance, the services involved will be provided on the same conditions as would apply to the furnishing of such services by commercial aeronautical service providers authorized by the sponsor under these provisions.

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- h. The sponsor may establish such reasonable, and not unjustly discriminatory, conditions to be met by all users of the airport as may be necessary for the safe and efficient operation of the airport.
- i. The sponsor may prohibit or limit any given type, kind or class of aeronautical use of the airport if such action is necessary for the safe operation of the airport or necessary to serve the civil aviation needs of the public.

23. Exclusive Rights.

It will permit no exclusive right for the use of the airport by any person providing, or intending to provide, aeronautical services to the public. For purposes of this paragraph, the providing of the services at an airport by a single fixed-based operator shall not be construed as an exclusive right if both of the following apply:

- a. It would be unreasonably costly, burdensome, or impractical for more than one fixed-based operator to provide such services, and
- b. If allowing more than one fixed-based operator to provide such services would require the reduction of space leased pursuant to an existing agreement between such single fixed-based operator and such airport. It further agrees that it will not, either directly or indirectly, grant or permit any person, firm, or corporation, the exclusive right at the airport to conduct any aeronautical activities, including, but not limited to charter flights, pilot training, aircraft rental and sightseeing, aerial photography, crop dusting, aerial advertising and surveying, air carrier operations, aircraft sales and services, sale of aviation petroleum products whether or not conducted in conjunction with other aeronautical activity, repair and maintenance of aircraft, sale of aircraft parts, and any other activities which because of their direct relationship to the operation of aircraft can be regarded as an aeronautical activity, and that it will terminate any exclusive right to conduct an aeronautical activity now existing at such an airport before the grant of any assistance under Title 49, United States Code.

24. Fee and Rental Structure.

It will maintain a fee and rental structure for the facilities and services at the airport which will make the airport as self-sustaining as possible under the circumstances existing at the particular airport, taking into account such factors as the volume of traffic and economy of collection. No part of the Federal share of an airport development, airport planning or noise compatibility project for which a Grant is made under Title 49, United States Code, the Airport and Airway Improvement Act of 1982, the Federal Airport Act or the Airport and Airway Development Act of 1970 shall be included in the rate basis in establishing fees, rates, and charges for users of that airport.

25. Airport Revenues.

- a. All revenues generated by the airport and any local taxes on aviation fuel established after December 30, 1987, will be expended by it for the capital or operating costs of the airport; the local airport system; or other local facilities which are owned or operated by the owner or operator of the airport and which are directly and substantially related to the actual air transportation of passengers or property; or for noise mitigation purposes on or off the airport. The following exceptions apply to this paragraph:
 - 1. If covenants or assurances in debt obligations issued before September 3, 1982, by the owner or operator of the airport, or provisions enacted before September 3, 1982, in governing statutes controlling the owner or operator's financing, provide for the use of the

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revenues from any of the airport owner or operator's facilities, including the airport, to support not only the airport but also the airport owner or operator's general debt obligations or other facilities, then this limitation on the use of all revenues generated by the airport (and, in the case of a public airport, local taxes on aviation fuel) shall not apply.

2. If the Secretary approves the sale of a privately owned airport to a public sponsor and provides funding for any portion of the public sponsor's acquisition of land, this limitation on the use of all revenues generated by the sale shall not apply to certain proceeds from the sale. This is conditioned on repayment to the Secretary by the private owner of an amount equal to the remaining unamortized portion (amortized over a 20-year period) of any airport improvement grant made to the private owner for any purpose other than land acquisition on or after October 1, 1996, plus an amount equal to the federal share of the current fair market value of any land acquired with an airport improvement grant made to that airport on or after October 1, 1996.
3. Certain revenue derived from or generated by mineral extraction, production, lease, or other means at a general aviation airport (as defined at 49 U.S.C. § 47102), if the FAA determines the airport sponsor meets the requirements set forth in Section 813 of Public Law 112-95.
- b. As part of the annual audit required under the Single Audit Act of 1984, the sponsor will direct that the audit will review, and the resulting audit report will provide an opinion concerning, the use of airport revenue and taxes in paragraph (a), and indicating whether funds paid or transferred to the owner or operator are paid or transferred in a manner consistent with Title 49, United States Code and any other applicable provision of law, including any regulation promulgated by the Secretary or Administrator.

26. Reports and Inspections.

It will:

- a. submit to the Secretary such annual or special financial and operations reports as the Secretary may reasonably request and make such reports available to the public; make available to the public at reasonable times and places a report of the airport budget in a format prescribed by the Secretary;
- b. for airport development projects, make the airport and all airport records and documents affecting the airport, including deeds, leases, operation and use agreements, regulations and other instruments, available for inspection by any duly authorized agent of the Secretary upon reasonable request;
- c. for noise compatibility program projects, make records and documents relating to the project and continued compliance with the terms, conditions, and assurances of this Grant Agreement including deeds, leases, agreements, regulations, and other instruments, available for inspection by any duly authorized agent of the Secretary upon reasonable request; and
- d. in a format and time prescribed by the Secretary, provide to the Secretary and make available to the public following each of its fiscal years, an annual report listing in detail:
 1. all amounts paid by the airport to any other unit of government and the purposes for which each such payment was made; and
 2. all services and property provided by the airport to other units of government and the amount of compensation received for provision of each such service and property.

27. Use by Government Aircraft.

It will make available all of the facilities of the airport developed with Federal financial assistance and all those usable for landing and takeoff of aircraft to the United States for use by Government aircraft in common with other aircraft at all times without charge, except, if the use by Government aircraft is substantial, charge may be made for a reasonable share, proportional to such use, for the cost of operating and maintaining the facilities used. Unless otherwise determined by the Secretary, or otherwise agreed to by the sponsor and the using agency, substantial use of an airport by Government aircraft will be considered to exist when operations of such aircraft are in excess of those which, in the opinion of the Secretary, would unduly interfere with use of the landing areas by other authorized aircraft, or during any calendar month that:

- a. Five (5) or more Government aircraft are regularly based at the airport or on land adjacent thereto; or
- b. The total number of movements (counting each landing as a movement) of Government aircraft is 300 or more, or the gross accumulative weight of Government aircraft using the airport (the total movement of Government aircraft multiplied by gross weights of such aircraft) is in excess of five million pounds.

28. Land for Federal Facilities.

It will furnish without cost to the Federal Government for use in connection with any air traffic control or air navigation activities, or weather-reporting and communication activities related to air traffic control, any areas of land or water, or estate therein as the Secretary considers necessary or desirable for construction, operation, and maintenance at Federal expense of space or facilities for such purposes. Such areas or any portion thereof will be made available as provided herein within four months after receipt of a written request from the Secretary.

29. Airport Layout Plan.

- a. Subject to the FAA Reauthorization Act of 2018, Public Law 115-254, Section 163, it will keep up to date at all times an airport layout plan of the airport showing:
 1. boundaries of the airport and all proposed additions thereto, together with the boundaries of all offsite areas owned or controlled by the sponsor for airport purposes and proposed additions thereto;
 2. the location and nature of all existing and proposed airport facilities and structures (such as runways, taxiways, aprons, terminal buildings, hangars and roads), including all proposed extensions and reductions of existing airport facilities;
 3. the location of all existing and proposed non-aviation areas and of all existing improvements thereon; and
 4. all proposed and existing access points used to taxi aircraft across the airport's property boundary.

Such airport layout plans and each amendment, revision, or modification thereof, shall be subject to the approval of the Secretary which approval shall be evidenced by the signature of a duly authorized representative of the Secretary on the face of the airport layout plan. The sponsor will not make or permit any changes or alterations in the airport or any of its facilities which are not in conformity with the airport layout plan as approved by the Secretary and

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which might, in the opinion of the Secretary, adversely affect the safety, utility or efficiency of the airport.

- b. Subject to the FAA Reauthorization Act of 2018, Public Law 115-254, Section 163, if a change or alteration in the airport or the facilities is made which the Secretary determines adversely affects the safety, utility, or efficiency of any federally owned, leased, or funded property on or off the airport and which is not in conformity with the airport layout plan as approved by the Secretary, the owner or operator will, if requested, by the Secretary:
 1. eliminate such adverse effect in a manner approved by the Secretary; or
 2. bear all costs of relocating such property (or replacement thereof) to a site acceptable to the Secretary and all costs of restoring such property (or replacement thereof) to the level of safety, utility, efficiency, and cost of operation existing before the unapproved change in the airport or its facilities except in the case of a relocation or replacement of an existing airport facility due to a change in the Secretary's design standards beyond the control of the airport sponsor.

30. Civil Rights.

It will promptly take any measures necessary to ensure that no person in the United States shall, on the grounds of race, color, and national origin (including limited English proficiency) in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 U.S.C. §§ 2000d to 2000d-4); creed and sex (including sexual orientation and gender identity) per 49 U.S.C. § 47123 and related requirements; age per the Age Discrimination Act of 1975 and related requirements; or disability per the Americans with Disabilities Act of 1990 and related requirements, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination in any program and activity conducted with, or benefiting from, funds received from this Grant.

- a. Using the definitions of activity, facility, and program as found and defined in 49 CFR §§ 21.23(b) and 21.23(e), the sponsor will facilitate all programs, operate all facilities, or conduct all programs in compliance with all non-discrimination requirements imposed by or pursuant to these assurances.
- b. Applicability
 1. Programs and Activities. If the sponsor has received a grant (or other federal assistance) for any of the sponsor's program or activities, these requirements extend to all of the sponsor's programs and activities.
 2. Facilities. Where it receives a grant or other federal financial assistance to construct, expand, renovate, remodel, alter, or acquire a facility, or part of a facility, the assurance extends to the entire facility and facilities operated in connection therewith.
 3. Real Property. Where the sponsor receives a grant or other Federal financial assistance in the form of, or for the acquisition of real property or an interest in real property, the assurance will extend to rights to space on, over, or under such property.
- c. Duration.

The sponsor agrees that it is obligated to this assurance for the period during which Federal financial assistance is extended to the program, except where the Federal financial assistance is to provide, or is in the form of, personal property, or real property, or interest therein, or

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structures or improvements thereon, in which case the assurance obligates the sponsor, or any transferee for the longer of the following periods:

1. So long as the airport is used as an airport, or for another purpose involving the provision of similar services or benefits; or
 2. So long as the sponsor retains ownership or possession of the property.
- d. Required Solicitation Language. It will include the following notification in all solicitations for bids, Requests For Proposals for work, or material under this Grant Agreement and in all proposals for agreements, including airport concessions, regardless of funding source:
- The City of Ormond Beach, in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 U.S.C. §§ 2000d to 2000d-4) and the Regulations, hereby notifies all bidders or offerors that it will affirmatively ensure that for any contract entered into pursuant to this advertisement, [select businesses, or disadvantaged business enterprises or airport concession disadvantaged business enterprises] will be afforded full and fair opportunity to submit bids in response to this invitation and no businesses will be discriminated against on the grounds of race, color, national origin (including limited English proficiency), creed, sex (including sexual orientation and gender identity), age, or disability in consideration for an award."
- e. Required Contract Provisions.
1. It will insert the non-discrimination contract clauses requiring compliance with the acts and regulations relative to non-discrimination in Federally-assisted programs of the Department of Transportation (DOT), and incorporating the acts and regulations into the contracts by reference in every contract or agreement subject to the non-discrimination in Federally-assisted programs of the DOT acts and regulations.
 2. It will include a list of the pertinent non-discrimination authorities in every contract that is subject to the non-discrimination acts and regulations.
 3. It will insert non-discrimination contract clauses as a covenant running with the land, in any deed from the United States effecting or recording a transfer of real property, structures, use, or improvements thereon or interest therein to a sponsor.
 4. It will insert non-discrimination contract clauses prohibiting discrimination on the basis of race, color, national origin (including limited English proficiency), creed, sex (including sexual orientation and gender identity), age, or disability as a covenant running with the land, in any future deeds, leases, license, permits, or similar instruments entered into by the sponsor with other parties:
 - a. For the subsequent transfer of real property acquired or improved under the applicable activity, project, or program; and
 - b. For the construction or use of, or access to, space on, over, or under real property acquired or improved under the applicable activity, project, or program.
 - f. It will provide for such methods of administration for the program as are found by the Secretary to give reasonable guarantee that it, other recipients, sub-recipients, sub-grantees, contractors, subcontractors, consultants, transferees, successors in interest, and other participants of Federal financial assistance under such program will comply with all requirements imposed or pursuant to the acts, the regulations, and this assurance.

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- g. It agrees that the United States has a right to seek judicial enforcement with regard to any matter arising under the acts, the regulations, and this assurance.

31. Disposal of Land.

- a. For land purchased under a grant for airport noise compatibility purposes, including land serving as a noise buffer, it will dispose of the land, when the land is no longer needed for such purposes, at fair market value, at the earliest practicable time. That portion of the proceeds of such disposition which is proportionate to the United States' share of acquisition of such land will be, at the discretion of the Secretary, (1) reinvested in another project at the airport, or (2) transferred to another eligible airport as prescribed by the Secretary. The Secretary shall give preference to the following, in descending order:

1. Reinvestment in an approved noise compatibility project;
2. Reinvestment in an approved project that is eligible for grant funding under 49 U.S.C. § 47117(e);
3. Reinvestment in an approved airport development project that is eligible for grant funding under 49 U.S.C. § 47114, 47115, or 47117, or under Public Law 117-58, Division J, Title VIII; or
4. Transfer to an eligible sponsor of another public airport to be reinvested in an approved noise compatibility project at that airport.

If land acquired under a grant for noise compatibility purposes is leased at fair market value and consistent with noise buffering purposes, the lease will not be considered a disposal of the land. Revenues derived from such a lease may be used for an approved airport development project that would otherwise be eligible for grant funding or any permitted use of airport revenue.

- b. For land purchased under a grant for airport development purposes (other than noise compatibility), it will, when the land is no longer needed for airport purposes, dispose of such land at fair market value or make available to the Secretary an amount equal to the United States' proportionate share of the fair market value of the land. That portion of the proceeds of such disposition which is proportionate to the United States' share of the cost of acquisition of such land will, upon application to the Secretary, be reinvested or transferred to another eligible airport as prescribed by the Secretary. The Secretary shall give preference to the following, in descending order:

1. Reinvestment in an approved noise compatibility project;
2. Reinvestment in an approved project that is eligible for grant funding under 49 U.S.C. § 47117(e);
3. Reinvestment in an approved airport development project that is eligible for grant funding under 49 U.S.C. §§ 47114, 47115, or 47117, or under Public Law 117-58, Division J, Title VIII; or
4. Transfer to an eligible sponsor of another public airport to be reinvested in an approved noise compatibility project at that airport.

- c. Land shall be considered to be needed for airport purposes under this assurance if (1) it may be needed for aeronautical purposes (including runway protection zones) or serve as noise buffer land, and (2) the revenue from interim uses of such land contributes to the financial self-

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sufficiency of the airport. Further, land purchased with a grant received by an airport operator or owner before December 31, 1987, will be considered to be needed for airport purposes if the Secretary or Federal agency making such grant before December 31, 1987, was notified by the operator or owner of the uses of such land, did not object to such use, and the land continues to be used for that purpose, such use having commenced no later than December 15, 1989.

- d. Disposition of such land under (a), (b), or (c) will be subject to the retention or reservation of any interest or right therein necessary to ensure that such land will only be used for purposes which are compatible with noise levels associated with operation of the airport.

32. Engineering and Design Services.

If any phase of such project has received Federal funds under Chapter 471 subchapter 1 of Title 49 U.S.C., or Public Law 117-58, Division J, Title VIII it will award each contract, or sub-contract for program management, construction management, planning studies, feasibility studies, architectural services, preliminary engineering, design, engineering, surveying, mapping or related services in the same manner as a contract for architectural and engineering services is negotiated under Chapter 11 of Title 40 U.S.C., or an equivalent qualifications-based requirement prescribed for or by the sponsor of the airport.

33. Foreign Market Restrictions.

It will not allow funds provided under this Grant to be used to fund any project which uses any product or service of a foreign country during the period in which such foreign country is listed by the United States Trade Representative as denying fair and equitable market opportunities for products and suppliers of the United States in procurement and construction.

34. Policies, Standards, and Specifications.

It will carry out any project funded under an Airport Infrastructure Grant in accordance with policies, standards, and specifications approved by the Secretary including, but not limited to, current FAA Advisory Circulars (<https://www.faa.gov/airports/aip/media/aip-pfc-checklist.pdf>) for AIG projects as of April 20, 2022.

35. Relocation and Real Property Acquisition.

- a. It will be guided in acquiring real property, to the greatest extent practicable under State law, by the land acquisition policies in Subpart B of 49 CFR Part 24 and will pay or reimburse property owners for necessary expenses as specified in Subpart B.
- b. It will provide a relocation assistance program offering the services described in Subpart C of 49 CFR Part 24 and fair and reasonable relocation payments and assistance to displaced persons as required in Subpart D and E of 49 CFR Part 24.
- c. It will make available within a reasonable period of time prior to displacement, comparable replacement dwellings to displaced persons in accordance with Subpart E of 49 CFR Part 24.

36. Access By Intercity Buses.

The airport owner or operator will permit, to the maximum extent practicable, intercity buses or other modes of transportation to have access to the airport; however, it has no obligation to fund special facilities for intercity buses or for other modes of transportation.

3-12-0059-029-2022

37. Disadvantaged Business Enterprises.

The sponsor shall not discriminate on the basis of race, color, national origin, sex, in the award and performance of any DOT-assisted contract covered by 49 CFR Part 26, or in the award and performance of any concession activity contract covered by 49 CFR Part 23. In addition, the sponsor shall not discriminate on the basis of race, color, national origin or sex in the administration of its Disadvantaged Business Enterprise (DBE) and Airport Concessions Disadvantaged Business Enterprise (ACDBE) programs or the requirements of 49 CFR Parts 23 and 26. The sponsor shall take all necessary and reasonable steps under 49 CFR Parts 23 and 26 to ensure nondiscrimination in the award and administration of DOT-assisted contracts, and/or concession contracts. The sponsor's DBE and ACDBE programs, as required by 49 CFR Parts 26 and 23, and as approved by DOT, are incorporated by reference in this agreement. Implementation of these programs is a legal obligation and failure to carry out its terms shall be treated as a violation of this agreement. Upon notification to the sponsor of its failure to carry out its approved program, the Department may impose sanctions as provided for under Parts 26 and 23 and may, in appropriate cases, refer the matter for enforcement under 18 U.S.C. § 1001 and/or the Program Fraud Civil Remedies Act of 1986 (31 U.S.C. §§ 3801-3809, 3812).

38. Hangar Construction.

If the airport owner or operator and a person who owns an aircraft agree that a hangar is to be constructed at the airport for the aircraft at the aircraft owner's expense, the airport owner or operator will grant to the aircraft owner for the hangar a long term lease that is subject to such terms and conditions on the hangar as the airport owner or operator may impose.

39. Competitive Access.

- a. If the airport owner or operator of a medium or large hub airport (as defined in 49 U.S.C. § 47102) has been unable to accommodate one or more requests by an air carrier for access to gates or other facilities at that airport in order to allow the air carrier to provide service to the airport or to expand service at the airport, the airport owner or operator shall transmit a report to the Secretary that:
 1. Describes the requests;
 2. Provides an explanation as to why the requests could not be accommodated; and
 3. Provides a time frame within which, if any, the airport will be able to accommodate the requests.
- b. Such report shall be due on either February 1 or August 1 of each year if the airport has been unable to accommodate the request(s) in the six month period prior to the applicable due date.



Ormond Beach Municipal Airport

P.O. Box 277 Ormond Beach, FL 32175 Office: (386) 615-7019 Fax: (386) 676-3330

April 20, 2022

Scott W. Carraro, PE, CFM
Program Manager
Federal Aviation Administration
Orlando Airports District Office
8427 South Park Circle, Ste. 524
Orlando, FL 32819

Dear Mr. Carraro,

Subject: Ormond Beach Municipal Airport (OMN); Ormond Beach, Florida
FY 2022 Airport Improvement Program
Application Cover Letter

In accordance with the Airport Improvement Program (AIP) and as established in our 3-year Capital Improvement Plan (CIP), enclosed please find the 2022 AIP application for the following project:

1. Automated Weather Observing System – Level III P/T - Design and Construction Phase

The following items are enclosed for the above project in the grant application:

- ✓ Airport Grant Application Checklist
- ✓ Project Specific Checklist
- ✓ Standard Form 424 – Application for Federal Assistance
- ✓ SF 5100-100 – Project Approval Information, Budget Information, Program Narrative
- ✓ Environmental Determination Documentation
- ✓ Detailed Project Information Sheet
 - Scope of Work
 - Special Circumstances
 - Project Funding
 - Project Preliminary Checklist
 - Proposed Project Schedule
- ✓ Proposed Project Sketch

The following items are enclosed to supplement the above grant application:

- ✓ Recommendation to Award and Bid Tabulation
- ✓ Airport Sponsor Certifications

At this time, we are requesting \$295,000.00 to cover design engineering, construction engineering, and construction costs.

There have been no changes to our Exhibit "A" Property Map (dated January 2016) or Exhibit "C" Title Opinion since the latest approved Airport Master Plan and the Airport Layout Plan dated September 2016, which was funded under AIP 3-12-0059-017-2014.

The City proposed to utilize the "Letter of Credit" (e-invoicing) method of payment for reimbursement on the proposed project.

Sincerely,



Steven R. Lichliter
Airport Manager

Airport Improvement Program
Orlando Airports District Office
Federal Assistance Request Checklist

APPLICATION CHECKLIST

Airport:	Ormond Beach Municipal Airport
Sponsor:	City of Ormond Beach
City, State:	Ormond Beach, Florida
Date of Application:	April 20, 2022

Cover Letter:

- ☒ Letter of Credit method of payment requested.
- ☒ Project(s) identified. (Any changes from previous meetings/discussions should be discussed prior to submission.)
- N/A If pre-application, proposed application date identified.
- N/A If application, any changes to requested amount are identified and reasons provided.
- ☒ If application, identify if any changes have taken place on Exhibit "A" Property Map since last grant.
- ☒ If application, identify if any changes have taken place on Exhibit "C" Title Opinion since last grant.

Application (Revise Pre-Application Documentation) :

- ☒ Standard Form 424 -- Application for Federal Assistance
- ☒ Detailed Project Information Sheet
- ☒ Individual Project Cost Breakdowns and Total Cost Summary
- ☒ Bid Tabulations and Recommendation for Award
- ☒ Project Sketch – One for each or one drawing with all projects
- ☒ Environmental Determination Documentation for each project
- ☒ Individual Project Schedules
- N/A Appraisals (Land Acquisition Projects)
- N/A Independent Cost Estimates (Design Only or Construction Phase Services >\$100K)
- ☒ Airport Sponsor Certification

Project Description:

Automated Weather Observing System - Level III P/T (AWOS-III P/T)

Airport Name / City, FL:

Ormond Beach Municipal Airport (OMN)

Items a. thru pp. must be answered for each individual project: (Ref. Order 5100-38D, Chapter 3, Table 3-1)		Yes (y)	No (n)	N/A (n/a)
a.	Is the project eligible?	Y		
aa.	Identify eligibility "chapter & verse" from Order 5100-38D, AIP Handbook	Table K-2.k		
b.	Is the project justified? Does your project narrative address the "Three Basic Tests" as identified in Table 3-4, Order 5100-38D?	Y		
c.	Is the project on airport property (with good title)?	Y		
cc.	Date of your current Airport Exhibit A on file in ADO:	Jan-16		
d.	Is the project on the FAA approved airport layout plan?	Y		
dd.	Identify date of FAA approved ALP on file in the ADO:	Sep-16		
e.	Has the Sponsor satisfied the intergovernmental review and airport user	Y		
f.	Has the FAA completed an environmental finding for the project?	Y		
ff.	Provide date of environmental finding/Cat. Ex.?	CatEx Included		
g.	Will the project result in a usable unit of work?	Y		
h.	Will the project be planned, designed, and/or constructed to FAA standards?	Y		
hh.	If applicable, identify date MOS was approved by FAA.	N/A		
i.	Has the project been procured correctly?	Y		
j.	Are the project costs allowable?	Y		
k.	Are the project costs necessary to accomplish the project? (Project costs are directly necessary to accomplish the project. Ref. Order 5100-38D, Ch. 3, Section 12).	Y		
l.	Were the project costs incurred after the grant was executed? (Ref. Order 5100-38D, Ch. 3, Section 13, for exceptions).			N/A
m.	Are the project costs reasonable? (Are Sponsor cost analyses attached? Ref. Order 5100-38D, Ch. 3, Section 14).			N/A
n.	Is this the only federal grant containing these project costs? (No "double-dipping"!!!)	Y		
o.	Are the project costs within the allowable federal share?	Y		
p.	Can the project be completed without unreasonable delay?	Y		
pp.	Identify number of calendar days and date after the grant execution date when notice-to-proceed will be issued.	30 days		
If discretionary funding is being requested for this project answer the following:				
1	Is this project phased?		N	
1a.	If yes, what phase is this?			
1b.	If phased, how does this phase fit into the larger development need?			
2	What is the total AIP funds spent on previous phases of the project?	\$0		
2a.	What is the total AIP funds requested for this phase in this Application?	\$295,000		
2b.	What is the total AIP funds needed to complete the project beyond this Application?	\$0		
If funding requested for this project is for an LOI, provide the following:		N/A		
i.	Enter the number of the LOI payment this grant will provide.			
ii.	Enter the total number of LOI payments - past grant(s), this grant, future grant(s)			
iii.	Total AIP funds provided to-date including the funds requested in this Application	\$0		
iv.	Total AIP funds approved for the project LOI. (Total LOI payments for entire project).			

Application for Federal Assistance SF-424*** 1. Type of Submission:**

- ☐ Preapplication
- ☒ Application
- ☐ Changed/Corrected Application

*** 2. Type of Application:**

- ☒ New
- ☐ Continuation
- ☐ Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received:

4. Applicant Identifier:

Ormond Beach Municipal Airport (OMN)

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name:

City of Ormond Beach

* b. Employer/Taxpayer Identification Number (EIN/TIN):

596000398

* c. Organizational DUNS:

08-732-0164

d. Address:

* Street1:

22 South Beach Street

Street2:

* City:

Ormond Beach

County/Parish:

Volusia

* State:

Florida

Province:

* Country:

USA: UNITED STATES

* Zip / Postal Code:

32174

e. Organizational Unit:

Department Name:

Department of Public Works

Division Name:

Airport

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:

Mr.

* First Name:

Steven

Middle Name:

* Last Name:

Lichliter

Suffix:

Title: Airport Manager

Organizational Affiliation:

* Telephone Number:

386-615-7019

Fax Number:

386-676-3330

* Email:

Steven.Lichliter@ormondbeach.org

Application for Federal Assistance SF-424*** 9. Type of Applicant 1: Select Applicant Type:**

C: City or Township Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Federal Aviation Administration

11. Catalog of Federal Domestic Assistance Number:

20.106

CFDA Title:

Airport Improvement Program

*** 12. Funding Opportunity Number:**

* Title:

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

City of Ormond Beach, Volusia Co., FL

Add Attachment

Delete Attachment

View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Automated Weather Observing System - Level III P/T

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

Application for Federal Assistance SF-424**16. Congressional Districts Of:**

* a. Applicant

6

* b. Program/Project

6

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment

Delete Attachment

View Attachment

17. Proposed Project:

* a. Start Date:

10/01/2022

* b. End Date:

06/30/2021

18. Estimated Funding (\$):

* a. Federal

\$295,000.00

* b. Applicant

\$9,526.00

* c. State

\$38,104.00

* d. Local

* e. Other

* f. Program Income

* g. TOTAL

\$342,630.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**☐ a. This application was made available to the State under the Executive Order 12372 Process for review on☒ b. Program is subject to E.O. 12372 but has not been selected by the State for review.☐ c. Program is not covered by E.O. 12372.*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**☐ Yes☒ No

If "Yes", provide explanation and attach

Add Attachment

Delete Attachment

View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix:

Mr.

* First Name:

Steven

Middle Name:

* Last Name:

Lichliter

Suffix:

* Title:

Airport Manager

* Telephone Number:

386-618-7019

Fax Number:

386-676-3330

* Email:

Steven.Lichliter@ormondbeach.org

* Signature of Authorized Representative:

* Date Signed:

4/10/2023

Application for Federal Assistance (Development and Equipment Projects)

PART II – PROJECT APPROVAL INFORMATION

Part II - SECTION A	
The term "Sponsor" refers to the applicant name provided in box 8 of the associated SF-424 form.	
Item 1. Does Sponsor maintain an active registration in the System for Award Management (www.SAM.gov)?	☒ Yes ☐ No
Item 2. Can Sponsor commence the work identified in the application in the fiscal year the grant is made or within six months after the grant is made, whichever is later?	☒ Yes ☐ No ☐ N/A
Item 3. Are there any foreseeable events that would delay completion of the project? If yes, provide attachment to this form that lists the events.	☐ Yes ☒ No ☐ N/A
Item 4. Will the project(s) covered by this request have impacts or effects on the environment that require mitigating measures? If yes, attach a summary listing of mitigating measures to this application and identify the name and date of the environmental document(s).	☒ Yes ☐ No ☐ N/A
Item 5. Is the project covered by this request included in an approved Passenger Facility Charge (PFC) application or other Federal assistance program? If yes, please identify other funding sources by checking all applicable boxes.	
☐ The project is included in an <i>approved</i> PFC application. If included in an approved PFC application, does the application <i>only</i> address AIP matching share? ☐ Yes ☐ No	
☐ The project is included in another Federal Assistance program. Its CFDA number is below.	
Item 6. Will the requested Federal assistance include Sponsor indirect costs as described in 2 CFR Appendix VII to Part 200, States and Local Government and Indian Tribe Indirect Cost Proposals?	
☐ Yes ☒ No ☐ N/A	
If the request for Federal assistance includes a claim for allowable indirect costs, select the applicable indirect cost rate the Sponsor proposes to apply:	
☐ De Minimis rate of 10% as permitted by 2 CFR § 200.414.	
☐ Negotiated Rate equal to _____ % as approved by _____ (the Cognizant Agency) on _____ (Date) (2 CFR part 200, appendix VII).	
<i>Note: Refer to the instructions for limitations of application associated with claiming Sponsor indirect costs.</i>	

PART II - SECTION B**Certification Regarding Lobbying**

The declarations made on this page are under the signature of the authorized representative as identified in box 21 of form SF-424, to which this form is attached. The term "Sponsor" refers to the applicant name provided in box 8 of the associated SF-424 form.

The Authorized Representative certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the Sponsor, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the Authorized Representative shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

(3) The Authorized Representative shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

PART II – SECTION C

The Sponsor hereby represents and certifies as follows:

1. Compatible Land Use – The Sponsor has taken the following actions to assure compatible usage of land adjacent to or in the vicinity of the airport:

The project is entirely on airport property. The approved Airport Master Plan of record identifies zoning and land use.

2. Defaults – The Sponsor is not in default on any obligation to the United States or any agency of the United States Government relative to the development, operation, or maintenance of any airport, except as stated herewith:

N/A

3. Possible Disabilities – There are no facts or circumstances (including the existence of effective or proposed leases, use agreements or other legal instruments affecting use of the Airport or the existence of pending litigation or other legal proceedings) which in reasonable probability might make it impossible for the Sponsor to carry out and complete the Project or carry out the provisions of the Grant Assurances, either by limiting its legal or financial ability or otherwise, except as follows:

N/A

4. Consistency with Local Plans – The project is reasonably consistent with plans existing at the time of submission of this application) of public agencies that are authorized by the State in which the project is located to plan for the development of the area surrounding the airport.

Yes

5. Consideration of Local Interest – It has given fair consideration to the interest of communities in or near where the project may be located.

Yes

6. Consultation with Users – In making a decision to undertake an airport development project under Title 49, United States Code, it has consulted with airport users that will potentially be affected by the project (§ 47105(a)(2)).

Yes

7. Public Hearings – In projects involving the location of an airport, an airport runway or a major runway extension, it has afforded the opportunity for public hearings for the purpose of considering the economic, social, and environmental effects of the airport or runway location and its consistency with goals and objectives of such planning as has been carried out by the community and it shall, when requested by the Secretary, submit a copy of the transcript of such hearings to the Secretary. Further, for such projects, it has on its management board either voting representation from the communities where the project is located or has advised the communities that they have the right to petition the Secretary concerning a proposed project.

Yes

8. Air and Water Quality Standards – In projects involving airport location, a major runway extension, or runway location it will provide for the Governor of the state in which the project is located to certify in writing to the Secretary that the project will be located, designed, constructed, and operated so as to comply with applicable and air and water quality standards. In any case where such standards have not been approved and where applicable air and water quality standards have been promulgated by the Administrator of the Environmental Protection Agency, certification shall be obtained from such Administrator. Notice of certification or refusal to certify shall be provided within sixty days after the project application has been received by the Secretary.

Yes

PART II – SECTION C (Continued)

9. Exclusive Rights – There is no grant of an exclusive right for the conduct of any aeronautical activity at any airport owned or controlled by the Sponsor except as follows:

N/A

10. Land – (a) The sponsor holds the following property interest in the following areas of land, which are to be developed or used as part of or in connection with the Airport subject to the following exceptions, encumbrances, and adverse interests, all of which areas are identified on the aforementioned property map designated as Exhibit “A”. [1]

The sponsor has fee simple interest on land being developed as shown on the latest property map dated January 2016, which is part of the latest approved Airport Layout Plan.

The Sponsor further certifies that the above is based on a title examination by a qualified attorney or title company and that such attorney or title company has determined that the Sponsor holds the above property interests.

(b) The Sponsor will acquire within a reasonable time, but in any event prior to the start of any construction work under the Project, the following property interest in the following areas of land on which such construction work is to be performed, all of which areas are identified on the aforementioned property map designated as Exhibit “A”. [1]

N/A

(c) The Sponsor will acquire within a reasonable time, and if feasible prior to the completion of all construction work under the Project, the following property interest in the following areas of land which are to be developed or used as part of or in connection with the Airport as it will be upon completion of the Project, all of which areas are identified on the aforementioned property map designated as Exhibit “A”. [1]

N/A

¹ State the character of property interest in each area and list and identify for each all exceptions, encumbrances, and adverse interests of every kind and nature, including liens, easements, leases, etc. The separate areas of land need only be identified here by the area numbers shown on the property map.

PART III – BUDGET INFORMATION – CONSTRUCTION**SECTION A – GENERAL**

1. Federal Domestic Assistance Catalog Number: 20.106

2. Functional or Other Breakout:

SECTION B – CALCULATION OF FEDERAL GRANT

Cost Classification	Latest Approved Amount (Use only for revisions)	Adjustment + or (-) Amount (Use only for revisions)	Total Amount Required
1. Administration expense			
2. Preliminary expense			
3. Land, structures, right-of-way			
4. Architectural engineering basic fees	61,000		
5. Other Architectural engineering fees			
6. Project inspection fees			
7. Land development			
8. Relocation Expenses			
9. Relocation payments to Individuals and Businesses			
10. Demolition and removal			
11. Construction and project improvement	281,630		
12. Equipment			
13. Miscellaneous			
14. Subtotal (Lines 1 through 13)	\$ 342,630		
15. Estimated Income (if applicable)			
16. Net Project Amount (Line 14 minus 15)			
17. Less: Ineligible Exclusions (Section C, line 23 g.)			
18. Subtotal (Lines 16 through 17)	\$ 342,630		
19. Federal Share requested of Line 18	295,000		
20. Grantee share	9,526		
21. Other shares	38,108		
22. TOTAL PROJECT (Lines 19, 20 & 21)	\$ 342,630		

SECTION C – EXCLUSIONS

23. Classification (Description of non-participating work)	Amount Ineligible for Participation
a.	
b.	
c.	
d.	
e.	
f.	
g. Total	

SECTION D – PROPOSED METHOD OF FINANCING NON-FEDERAL SHARE

24. Grantee Share – Fund Categories	Amount
a. Securities	
b. Mortgages	
c. Appropriations (by Applicant)	
d. Bonds	
e. Tax Levies	
f. Non-Cash	
g. Other (Explain):	
h. TOTAL - Grantee share	\$ 9,526
25. Other Shares	Amount
a. State	38,104
b. Other	
c. TOTAL - Other Shares	\$ 9,526
26. TOTAL NON-FEDERAL FINANCING	\$ 47,630

SECTION E – REMARKS

(Attach sheets if additional space is required)

PART IV – PROGRAM NARRATIVE*(Suggested Format)***PROJECT:** Automated Weather Observing System - Level III P/T - Design and Construction Phases**AIRPORT:** Ormond Beach Municipal Airport (OMN)**1. Objective:**

This project includes the design and construction of an Automated Weather Observing System (AWOS)- Level III P/T. The AWOS-III system provides the pilot with altimeter setting and wind data, plus temperature, dewpoint, density altitude, visibility, cloud ceiling height, precipitation measure and types, and thunderstorm detection.

2. Benefits Anticipated:

An increase in capacity, safety, and reliability is expected to be realized with the completion of this project.

3. Approach: (See approved Scope of Work in Final Application)

Project consists of design and installation of a new AWOS-III P/T system in the in the southeast quadrant of the airport to provide 24/7 automated weather information.

4. Geographic Location:

Latitude 27°53'38"N Longitude 81°37'13.5"W

5. If Applicable, Provide Additional Information:**6. Sponsor's Representative:** (include address & telephone number)

Mr. Steven Lichliter, Airport Manager
22 South Beach Street
Ormond Beach, FL 32714 tel: 386-615-7019

**FAA ORLANDO AIRPORTS DISTRICT OFFICE – CATEGORICAL EXCLUSION (CATEX)
SHORT FORM**

Airport: Ormond Beach Municipal Airport (OMN) AWOS (Design and Construction)
Project Title: Phases

Use this CATEX Short Form if the Proposed Action is a federal action subject to NEPA and normally would not individually or cumulatively have a significant effect on the human environment. **Identify the applicable paragraph on the line below from FAA Order 1050.1F, paragraphs 5-6.1 through 5-6.6 for the Proposed Action.**

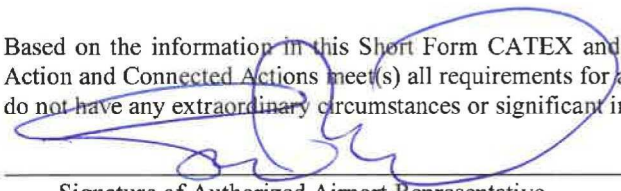
5-6.3c

List all components of the Proposed Action and Connected Actions (if any) on a separate sheet. *A CATEX should not be used for a segment or an interdependent part of a larger proposed action.* **Include** a summary of existing conditions at the Proposed Action site. **Attach** a site map identifying the Proposed Action area on the airport's current ALP and a recent aerial of the Proposed Action area.

Certify that the Proposed Action and Connected Actions are **NOT** likely to have extraordinary circumstances or significant impacts. Significance thresholds and factors to consider are in FAA Order 1050.1F Exhibit 4-1. Extraordinary circumstances are listed in FAA Order 1050.1F paragraph 5-2, and summarized below:

- An adverse effect on cultural resources protected under the National Historic Preservation Act of 1966, as amended, 54 U.S.C. §300101 et seq.;
- An impact on properties protected under Section 4(f);
- An impact on natural, ecological, or scenic resources of Federal, state, tribal, or local significance (e.g., federally listed or proposed endangered, threatened, or candidate species, or designated or proposed critical habitat under the Endangered Species Act, 16 U.S.C. §§ 1531-1544);
- An impact on the following resources: resources protected by the Fish and Wildlife Coordination Act, 16 U.S.C. §§ 661-667d; wetlands; floodplains; coastal zones; national marine sanctuaries; wilderness areas; National Resource Conservation Service-designated prime and unique farmlands; energy supply and natural resources; resources protected under the Wild and Scenic Rivers Act, 16 U.S.C. §§ 1271-1287, and rivers or river segments listed on the Nationwide Rivers Inventory (NRI); and solid waste management;
- A division or disruption of an established community, or a disruption of orderly, planned development, or an inconsistency with plans or goals that have been adopted by the community in which the project is located;
- An increase in congestion from surface transportation (by causing decrease in level of service below acceptable levels determined by appropriate transportation agency, such as a highway agency);
- An impact on noise levels of noise sensitive areas;
- An impact on air quality or violation of Federal, state, tribal, or local air quality standards under the Clean Air Act, 42 U.S.C. §§ 7401-7671q;
- An impact on water quality, sole source aquifers, a public water supply system, or state or tribal water quality standards established under the Clean Water Act, 33 U.S.C. §§ 1251-1387, and the Safe Drinking Water Act, 42 U.S.C. §§ 300f-300j-26;
- Impacts on the quality of the human environment that are likely to be highly controversial on environmental grounds. The term "highly controversial on environmental grounds" means there is a substantial dispute involving reasonable disagreement over the degree, extent, or nature of a proposed action's environmental impacts or over the action's risks of causing environmental harm.
- Likelihood to be inconsistent with any Federal, state, tribal, or local law relating to the environmental aspects of the proposed action; or
- Likelihood to directly, indirectly, or cumulatively create a significant impact on the human environment, including, but not limited to, actions likely to cause a significant lighting impact on residential areas or commercial use of business properties, likely to cause a significant impact on the visual nature of surrounding land uses, likely to cause environmental contamination by hazardous materials, or likely to disturb an existing hazardous material contamination site such that new environmental contamination risks are created.

Based on the information in this Short Form CATEX and supporting information, I certify that the Proposed Action and Connected Actions meet(s) all requirements for a CATEX in accordance with FAA Order 1050.F and do not have any extraordinary circumstances or significant impacts.


Signature of Authorized Airport Representative

2/18/2022

Date

FAA Determination (signature of Program Manager):

Categorically Excluded: AMY MARIE REED Digitally signed by AMY MARIE REED
Date: 2022.02.22 10:23:20 -05'00' Date: _____

Requires further environmental analysis: _____ Date: _____

Final 7-8-2016

CATEGORICAL EXCLUSION ENVIRONMENTAL DETERMINATION CHECKLIST

Airport: Ormond Beach Municipal Airport (OMN)Prepared and certified by: Hoyle TannerDate: 2/18/22

	YES**	NO	COMMENTS
THE PROPOSED ACTION MUST BE LISTED IN FAA ORDER 1050.1F PARAS. 5-6.1-5-6.6 AS AN ACTION THAT WOULD NORMALLY BE CATEGORICALLY EXCLUDED	X		See paragraph 5-6.3c of FAA order 1050.1F. See attached.
THE PROPOSED ACTION CONSISTS OF:			
Helicopter facilities or operations		x	
Land acquisition		x	
New airport serving general aviation		x	
Access or service road construction		x	
New airport location		x	
New runway		x	
Runway extension, strengthening, reconstruction, resurfacing or widening		X	
Converting prime or unique farmland		x	
Runway Safety Area (RSA) improvements		x	
ILS or ALS installation		x	
Airport development (hangars, terminal expansion)		x	
On-airport aboveground or underground fuel storage tanks		x	
Construction, reconstruction, or relocation of an ATCT		x	
THE PROPOSED ACTION WILL AFFECT:			
Historic/Archeological/Cultural Resources		x	
Section 4(f) or 6(f) resources		x	
Federally listed, endangered, threatened, or candidate species, or designated/proposed critical habitat		X	
Federal, state, tribal, or local natural, ecological, or scenic resources		x	
Wetlands, floodplains, waterways		x	
Energy supply or natural resources		x	
Protected rivers or river segments		x	
Established community(s), planned development, or plans/goals adopted by the local community		x	
Surface vehicular traffic (reduce LOS)		x	
Air quality or violate Federal, state, tribal or local standards		x	
Water quality, a sole source aquifer, public water supply system, or federal, state, or tribal water quality standards		x	
THE PROPOSED ACTION IS LIKELY TO:			
Be Highly Controversial on Environmental Grounds		x	
Be Inconsistent with Federal, state, tribal, or local law relating to environmental aspects		x	
Cause residential or business relocations		x	
Increase noise levels over Noise Sensitive Land Uses within the 65 dBA noise contour or newly include Noise Sensitive Land Uses within the 65 dBA noise contour.		x	
Cause Environmental Justice Impacts		x	
Contain Hazardous Materials or Affect Hazardous Materials/Sites		x	
Create a Wildlife Hazard per AC 150/5200-33		x	
Increase lighting impacts on residential communities or impact the visual nature of surrounding land uses		x	

** Attach detailed explanations or analysis for all "yes" answers on a separate sheet that supports a Categorical Exclusion determination.

5-6.3. Categorical Exclusions for Equipment and Instrumentation. This category includes the list of CATEXs for FAA actions involving installation, repair, or upgrade of equipment or instruments necessary for operations and safety. *An action included within this list of categorically excluded actions is not automatically exempted from environmental review under NEPA. The responsible FAA official must also review Paragraph 5-2, Extraordinary Circumstances, before deciding to categorically exclude a proposed action.*

- a. Construction of the following facilities on designated airport property or commercial space launch sites, co-located with other FAA facilities, co-located at a location currently used for similar facilities or equipment, or replacement with essentially similar facilities or equipment: Remote Communications Outlet (RCO), Remote Transmitter/Receiver (RT/R), or Remote Center-Air Ground Communication Facility (RCAG), or essentially similar facilities or equipment identified in, and designed and constructed in accordance with FAA Order 6580.3, *The Remote Communications Facilities Installation Standards Handbook*. These facilities are typically located within a 150 feet by 150 feet parcel with antenna towers reaching approximately 40 feet in height. (ATO)
- b. Establishment, installation, upgrade, or relocation of any of the following on designated airport or FAA property: airfield or approach lighting systems, visual approach aids, beacons, and electrical distribution systems as described in FAA Order 6850.2, *Visual Guidance Lighting Systems*, and other related facilities. (ATO, ARP)
- c. Federal financial assistance for, or Airport Layout Plan (ALP) approval of, or FAA installation or upgrade of facilities and equipment, other than radars, on designated airport or FAA property or commercial space launch sites. Facilities and equipment means FAA communications, navigation, surveillance, and weather systems. Weather systems include hygrothermometers, Automated Weather Observing System (AWOS), Automatic Surface Observation System (ASOS), Stand Alone Weather Sensors (SAWS), Runway Visual Range (RVR), and other essentially similar facilities and equipment that provide for modernization or enhancement of the service provided by these facilities. Navigational aids include Very High Frequency Omnidirectional Range (VOR), VOR Test facility (VOT), co-located VORs and Tactical Aircraft Control and Navigation (TACAN) (VORTAC), Low Power TACAN, Instrument Landing System (ILS) equipment or components of ILS equipment (establishment or relocation of an ILS is not included; an EA is normally required; see Paragraph 3-1.2.b(8)), Wide Area Augmentation System (WAAS), Local Area Augmentation System (LAAS), other essentially similar facilities and equipment, and equipment that provides for modernization or enhancement of the service provided by that facility, such as conversion of VOR to VORTAC, conversion to Doppler VOR (DVOR), or conversion of ILS to category II or III standards. FAA Order 6820.10, *VOR, VOR/DME and VORTAC Siting Criteria* governs the installation of VOR/VOT/VORTAC-type equipment. These facilities are typically located within a 150 feet by 150 feet parcel, with a total structure height reaching approximately 50 feet in height. (ATO, ARP, AST)

AWOS Location and Siting Reference

The project will include installation of proposed AWOS-III system on concrete foundation. The existing condition of the site is uplands that is currently sodded and being routinely mowed by the City. Construction of the AWOS will have minimum impact on the site. Minor site excavation and grading will be done to install the AWOS per manufacturers recommendation. The proposed AWOS-III pad will sheet flow away from the equipment and follow the existing drainage patterns. No piping or special structures will be required.

Proposed site will not require any additional clearing and is not located in wetlands. Protected species, and cultural resources will not be affected by this project.

The location selected for the proposed AWOS-III installation is in the infield area between Runway 17-35 and Taxiways Alpha, Bravo, and Delta. It is northeast of the existing windsock/segmented circle, north of the aircraft apron area, and west of the fuel farm.

An installation of an AWOS in this location also does not impede future revenue-producing development potential for the Airport.

The AWOS location was selected in accordance with the FAA Order 6560.20C, "Siting Criteria for Automated Weather Observing System," and FAA Advisory Circular 150/5220-16E, "Automated Weather Observing System for Non-Federal Applications."

Sketch showing proposed site location is attached.

Project No. 1: Detailed Project Information Sheet**Airport Improvement Program (AIP)**

Airport: Ormond Beach Municipal Airport (OMN)
 City, ST: Ormond Beach, Florida
 DUNS / TAX ID No. 08-732-0164 / 59-6000398
 SAM Expiration Date: 04/06/2023
 Project Title: Automated Weather Observing System – Level III P/T (AWOS-III P/T) - Design and Construction Phases

Project Description:

This project includes the design and construction of an Automated Weather Observing System (AWOS)- Level III P/T. The AWOS-III system provides the pilot with altimeter setting and wind data, plus temperature, dewpoint, density altitude, visibility, cloud ceiling height, precipitation measure and types, and thunderstorm detection. AWOS-III P/T will be constructed in the southeast quadrant of the airport, in the infield between Runway 17-35 and Taxiways Alpha, Bravo, and Delta. AWOS will provide 24/7 automated weather information.

Project Justification:

AWOS is currently located to the east of the intersection of Taxiways Bravo and Delta, in an area of high rotary-wing activity. The current location creates a hazard to rotary-wing operations. The AWOS system as it exists does not provide 24/7 weather information, as it is not coordinated with ATC tower systems. AWOS services are thus disabled during those hours when the ATC tower is in operation. Also, according to FAA Order 6560.20B, at an airport with visual and/or non-precision instrument runways, the preferred siting of the AWOS cloud height, visibility, and wind sensors is adjacent to the primary runway 1,000 feet to 3,000 feet down the runway from the threshold. The primary runway is considered to be the runway with the lowest instrument approach minimums. Runway 9 is the runway with the lowest minimums. Therefore, relocating the AWOS to a location adjacent to Runway 9 and within 1,000 to 3,000 from the threshold is recommended.

Was this project in the airport's Capital Improvement Plan (CIP) in JACIP and accepted as eligible/justified in the FAA's Airport Capital Improvement Plan (ACIP)?

☒ Yes ☐ No (explain below)

Special Circumstances (check if applicable to the project):

- | | | |
|--|--|--|
| ☐ Force Account Services | ☐ Benefit Cost Analysis | ☐ [Enter Other] |
| ☐ Mods. To Standards | ☐ Design-build or CMR | ☐ [Enter Other] |
| ☐ AIP eligible & non-eligible | ☐ Exceeds FAA Stds. | ☐ [Enter Other] |

Project Funding:

Total Cost	FAA Share	State	Local
\$342,630.00	\$295,000.00	\$38,104.00	\$9,526.00

Type of Funding Proposed (FAA Share Only)			
Fund Type	Funds Available	Funds to be Used	Funds Remaining
BIL 2022	\$ 295,000.00	\$ 295,000.00	\$ 0.00
Total	\$ 295,000.00	\$ 295,000.00	\$ 0.00

Alternate Funding Plan: *Project will use all available NPE funds.*

Project Cost Estimate Breakdown:
**Project #1: AWOS
(Design and Construction Phases)**

Cost	FAA
Design Engineering	\$ 29,700.00
Construction Engineering	\$ 25,200.00
Construction	\$ 240,100.00

Total Project Cost	\$ 342,630.00	\$ 295,000.00
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Total Project Cost	\$ 342,630.00
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Total FAA Share Cost	\$ 295,000.00
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**NOTE: FAA does not participate on allowances / contingencies. By FAA policy, a line item for estimated administrative costs can be included in the grant application if the sponsor cannot accurately calculate the total administrative costs. However, these estimated administrative costs must not exceed 2% of the grant amount or \$10,000, whichever is less.*

**Project #1: AWOS (Design and Construction Phases)
At Ormond Beach Municipal Airport (OMN)**

Project Preliminary Checklist:

AIP Document Pre-requisites	Dates	
Date of FAA Approved ALP	September 2016	
Date of last 5010, Airport Master Record verification for data corrections.	11/7/2019	
Date of last FAA approved Exhibit "A" Property Inventory Map w/ Exhibit "C", Title of Opinion	September 2016	
Date of Environmental Determination	CatEx is included	
Date of last Airport Pavement Maintenance Program.	November 2019	
Date of Land Acquisition (if applicable)	Click here to enter a date.	
Impacts to FAA Facilities	Yes	No
Does the project impact FAA facilities?	☐	☒

Project #1: AWOS (Design and Construction Phases)
At Ormond Beach Municipal Airport (OMN)
PROPOSED PROJECT SCHEDULE

<u>Proposed Project Schedule:</u>	<u>Dates:</u>
Selection of Consultant	
Pre-Application Submittal to FAA ADO Planner	October 2021
Pre-design Conference	
CSPP and Airspace Coordination in iOE/AAA ¹	
Completion of Plans, Specifications and Engineers Report	
Submit Plans and Specs to FAA ²	
Advertisement of Project for Bids	March 2022
Bid Opening	April 2022
Bid Tabulation Submittal and Recommendation of Award	April 2022
Application Submittal to FAA ADO Engineer	April 2022
Grant Offer	August 2022
Execution of FAA Grant	September 2022
Pre-construction Conference	October 2022
Notice to Proceed to Contractor ³	October 2022
Substantial Completion of Construction	January 2023
Final Inspection	February 2023
Project Close-Out ⁴	March 2023

= To be coordinated with the ADO Engineer prior to grant application submittal.

¹ Coordination of CSPP and airspace in iOE/AAA shall be completed / determined before grant application submittal. Refer to CSPP SOP 1.00 for CSPP project applicability requirements.

² For any construction grants, Plans / Specs & the Engineers Report must be submitted to the ADO PM for review and approval prior to bid advertisement in accordance with 2 CFR 200. Sponsor will be responsible for removing / prorating all non-AIP eligible bid items identified prior to grant execution.

³ Once all contract documents have been executed, the sponsor will issue a notice to proceed to the contractor. The sponsor must send a copy of the notice to proceed to the ADO PM.

⁴ Project shall remain on schedule as shown above. Note that closeout of an AIP grant must not exceed four (4) years after grant execution date. You may refer to the AIP Handbook - Chapter 5, Section 8, Grant Closeout for additional details.



SHEET 1 OF 5	DRAWING 1	ORMOND BEACH MUNICIPAL AIRPORT AUTOMATED WEATHER OBSERVATION SYSTEM TYPE 3 (AWOS 3)		 HOYLE TANNER 95 E. MITCHELL HAMMOCK ROAD, SUITE 200 OVIEDO, FL 32765 (407) 380-1919 Web: www.hoyletanner.com	PROJECT NO. 22.88701	<table border="1"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>																					IRMA S. JARON FL LICENSE NO. 80310
AWOS LOCATION SKETCH	SCALE: GRAPHIC	DATE: NOV 2022	DES. BY ISA	DR. BY ISA	CHKD. BY WJM	CADD FILE AWOS	REV	DESCRIPTION	DATE																		



Trusted Experts | Innovative Results

April 19, 2022

Mr. Steven Lichliter, Airport Manager
Ormond Beach Municipal Airport
22 S. Beach Street
Ormond Beach, FL 32174

22.088701 CP15

**Re: Recommendation to Award
Ormond Beach Municipal Airport
Automated Weather Observing System Level III P/T (AWOS-III P/T)
Bid No. 2022-14**

Dear Mr. Lichliter:

A total of three (3) Bids were received at the office of the Purchasing Coordinator on Monday, April 18, 2022, at 2:00 pm local time. After analyzing the information provided by the contractor, Hoyle Tanner determined that two out of three bidders had supplied the information necessary to adequately evaluate the bid. A copy of the certified bid tabulation is enclosed for your examination.

BID TABULATION SUMMARY

We have tabulated the bid below:

	H.L. Pruitt Corporation	Trinity Electrical Services	ACE – Aviation Construction and Electric, LLC
1. Mobilization	28,000.00	\$30,000.00	Not Submitted
2. General Demolition	10,000.00	\$15,000.00	
3. Installation of AWOS-III P/T	\$243,630.00	\$260,000.00	
Total Bid Amount	281,630.00	\$305,000.00	

H.L. Pruitt Corporation submitted the lowest bid. The Engineer's Opinion of Probable Costs for the project was \$260,000.00 which was 8% lower than the bid submitted by H.L. Pruitt Corporation.

BID EVALUATION

The bids were evaluated by Hoyle Tanner for compliance to the bid documents. The bids by H.L. Pruitt Corporation and Trinity Electrical Services were found to be in order. The bid submitted by ACE – Aviation Construction and Electric, LLC was missing the Bid Form and was found to be out of compliance.

BOND INFORMATION

H.L. Pruitt Corporation's surety providing performance and payment bonds on the project is Great American Insurance Company. According to the A.M. Best's Insurance Ratings, the surety meets and exceeds the minimum federal requirements with a Financial Strength rating of A+ (Excellent).

In conclusion, all of the information provided concerning H.L. Pruitt Corporation is adequate, indicating that H.L. Pruitt Corporation is qualified to provide the work. Hoyle Tanner has successfully worked with H.L. Pruitt Corporation on several previous projects at your airport and recommends them for award of this project.

RECOMMENDATION TO AWARD

Based on all of the above information, Hoyle Tanner recommends award of the project to H.L. Pruitt Corporation in the amount of \$281,630.00 at this time, subject to availability of Federal, State, and local funds.

ADDITIONAL INFORMATION

Hoyle Tanner will make the conformed contract sets and drawings for the contractor to use in the field. At your direction, once the FAA grant offer is extended by the FAA (and accepted by the City) Hoyle Tanner will prepare the Notice of Intent to Award. The contractor will then have 10 calendar days to assemble their bonds, acknowledge the notice of intent, and return it to the City. Then a pre-construction conference should be scheduled and a Notice to Proceed issued once the project schedule is determined. A Notice to Procure may need to be issued due to the long lead-time for the electrical items on the project.

Please do not hesitate to contact me if you have any questions or need further assistance.

Sincerely,



Iryna S. Afong, P.E.
Project Engineer
Enclosures as noted above

ORMOND BEACH MUNICIPAL AIRPORT
AUTOMATED WEATHER OBSERVING SYSTEM -AWOS III (P/T)
ITB 2022-14 - BID TABULATION

PROJECT ITEM NO.	DESCRIPTION AND UNIT PRICE (BID WRITTEN IN WORDS)	QTY	UNIT	Hoyle, Tanner & Associates, Inc.		H.L. Pruitt Corporation		Trinity Electrical Services		ACE Aviation and Electric LLC	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1	Mobilization	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 28,000.00	\$ 28,000.00	\$ 30,000.00	\$ 30,000.00		\$ -
2	General Demolition	1	LS	\$ 15,000.00	\$ 15,000.00	\$ 10,000.00	\$ 10,000.00	\$ 15,000.00	\$ 15,000.00		\$ -
3	Installation of Automated Weather Observing System Level III (P/T)	1	LS	\$ 225,000.00	\$ 225,000.00	\$ 243,630.00	\$ 243,630.00	\$ 260,000.00	\$ 260,000.00		\$ -
Total Bid Schedule					\$ 260,000.00		\$ 281,630.00		\$ 305,000.00		\$ -

Certified By: Iryna S. Afong



Note: Ace Aviation's bid package was deemed incomplete due to the missing Bid Schedule.

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
AIRPORT IMPROVEMENT PROGRAM
SPONSOR CERTIFICATION
DRUG-FREE WORKPLACE**

City of Ormond Beach

Ormond Beach Municipal
Airport

(Sponsor)

(Airport)

(Project Number)

Description of Work:

Automated Weather Observing System – Level III P/T

Title 49, United States Code, section 47105(d), authorizes the Secretary to require certification from the sponsor that it will comply with the statutory and administrative requirements in carrying out a project under the Airport Improvement Program (AIP). General requirements on the drug-free workplace within Federal grant programs are described in Title 49, Code of Federal Regulations, Part 29. Sponsors are required to certify they will be, or will continue to provide, a drug-free workplace in accordance with the regulation. The AIP project grant agreement contains specific assurances on the Drug-Free Workplace Act of 1988.

Except for the certified items below marked not applicable (N/A), the list includes major requirements for this aspect of project implementation, although it is not comprehensive, nor does it relieve the sponsor from fully complying with all applicable statutory and administrative standards.

	Yes	No	N/A
1. A statement has been (will be) published notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the sponsor's workplace, and specifying the actions to be taken against employees for violation of such prohibition.	☒	☐	☐
2. An ongoing drug-free awareness program has been (will be) established to inform employees about:			
a. The dangers of drug abuse in the workplace;			
b. The sponsor's policy of maintaining a drug-free workplace;	☒	☐	☐
c. Any available drug counseling, rehabilitation, and employee assistance programs; and			
d. The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace.			
3. Each employee to be engaged in the performance of the work has been (will be) given a copy of the statement required within item 1 above.	☒	☐	☐
4. Employees have been (will be) notified in the statement required by item 1 above that, as a condition employment under the grant, the employee will:	☒	☐	☐
a. Abide by the terms of the statement; and			
b. Notify the employer in writing of his or her conviction for a			

	Yes	No	N/A
violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction.			
5. The FAA will be notified in writing within ten calendar days after receiving notice under item 4b above from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position title of the employee, to the FAA. Notices shall include the project number of each affected grant.	☒	☐	☐
6. One of the following actions will be taken within 30 calendar days of receiving a notice under item 4b above with respect to any employee who is so convicted:			
a. Take appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; or	☒	☐	☐
b. Require such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency.			
7. A good faith effort will be made to continue to maintain a drug-free workplace through implementation of items 1 through 6 above.	☒	☐	☐

I have prepared documentation attached hereto with site(s) for performance of work (street address, city, county, state, zip code). There are no such workplaces that are not identified in the attachment. I have prepared additional documentation for any above items marked "no" and attached it hereto. I certify that, for the project identified herein, responses to the forgoing items are accurate as marked and attachments are correct and complete.

City of Ormond Beach
(Name of Sponsor)


(Signature of Sponsor's Designated Official Representative)

Mr. Steven Lichliter
(Typed Name of Sponsor's Designated Official Representative)

Airport Manager
(Typed Title of Sponsor's Designated Official Representative)

April 20, 2022
(Date)

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
AIRPORT IMPROVEMENT PROGRAM
SPONSOR CERTIFICATION
PROJECT PLANS AND SPECIFICATIONS

City of Ormond Beach

Ormond Beach Municipal
Airport

(Sponsor)

(Airport)

(Project Number)

Description of Work:

Automated Weather Observing System – Level III P/T

Title 49, United States Code, section 47105(d), authorizes the Secretary to require certification from the sponsor that it will comply with the statutory and administrative requirements in carrying out a project under the Airport Improvement Program (AIP). AIP standards are generally described in FAA Advisory Circular (AC) 150/5100-6, Labor Requirements for the Airport Improvement Program, AC 150/5100-15, Civil Rights Requirements for the Airport Improvement Program, and AC 150/5100-16, Airport Improvement Program Grant Assurance One--General Federal Requirements. A list of current advisory circulars with specific standards for design or construction of airports as well as procurement/installation of equipment and facilities is referenced in standard airport sponsor Grant Assurance 34 contained in the grant agreement.

Except for the certified items below marked not applicable (N/A), the list includes major requirements for this aspect of project implementation, although it is not comprehensive, nor does it relieve the sponsor from fully complying with all applicable statutory and administrative standards.

	Yes	No	N/A
8. The plans and specifications were (will be) prepared in accordance with applicable Federal standards and requirements, so no deviation or modification to standards set forth in the advisory circulars, or State standard, is necessary other than those previously approved by the FAA.	☒	☐	☐
9. Specifications for the procurement of equipment are not (will not be) proprietary or written so as to restrict competition. At least two manufacturers can meet the specification.	☒	☐	☐
10. The development included (to be included) in the plans is depicted on the airport layout plan approved by the FAA.	☒	☐	☐
11. Development that is ineligible for AIP funding has been (will be) omitted from the plans and specifications.	☐	☒	☐

Explanation: Cost for the ineligible for AIP funding development is not included in this Grant Application. The development is included in plans and specs but will be funded from other sources.

	Yes	No	N/A
12. The process control and acceptance tests required for the project by standards contained in Advisory Circular 150/5370-10 <u>are</u> (will be) included in the project specifications.	☒	☐	☐
13. If a value engineering clause is incorporated into the contract, concurrence was (will be) obtained from the FAA.	☐	☐	☒
14. The plans and specifications incorporate (will incorporate) applicable requirements and recommendations set forth in the Federally approved environmental finding.	☒	☐	☐
15. For construction activities within or near aircraft operational areas, the requirements contained in Advisory Circular 150/5370-2 have been (will be) discussed with the FAA as well as incorporated into the specifications, and a safety/phasing plan has FAA's concurrence, if required.	☒	☐	☐
16. The project was (will be) physically completed without Federal participation in costs due to errors and omissions in the plans and specifications that were foreseeable at the time of project design.	☒	☐	☐

I certify, for the project identified herein, responses to the forgoing items are accurate as marked and have prepared documentation attached hereto for any item marked "no" that is correct and complete.

City of Ormond Beach

(Name of Sponsor)

(Signature of Sponsor's Designated Official Representative)

Mr. Steven Lichliter

(Typed Name of Sponsor's Designated Official Representative)

Airport Manager

(Typed Title of Sponsor's Designated Official Representative)

April 20, 2022

(Date)

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
AIRPORT IMPROVEMENT PROGRAM
SPONSOR CERTIFICATION
REAL PROPERTY ACQUISITION**

City of Ormond Beach

Ormond Beach Municipal
Airport

(Sponsor)

(Airport)

(Project Number)

Description of Work:

Automated Weather Observing System – Level III P/T

Title 49, United States Code, section 47105(d), authorizes the Secretary to require certification from the sponsor that it will comply with the statutory and administrative requirements in carrying out a project under the Airport Improvement Program (AIP). General requirements on real property acquisition and relocation assistance are in Title 49, Code of Federal Regulations (CFR), Part 24. The AIP project grant agreement contains specific requirements and assurances on the Uniform Relocation Assistance and Real Property Acquisition Act of 1970 (Uniform Act), as amended.

Except for the certified items below marked not applicable (N/A), the list includes major requirements for this aspect of project implementation, although it is not comprehensive, nor does it relieve the sponsor from fully complying with all applicable statutory and administrative standards.

	Yes	No	N/A
17. The sponsor's attorney or other official has (will have) good and sufficient title as well as title evidence on property in the project.	☒	☐	☐
18. If defects and/or encumbrances exist in the title that adversely impact the sponsor's intended use of property in the project, they have been (will be) extinguished, modified, or subordinated.	☐	☐	☒
19. If property for airport development is (will be) leased, the following conditions have been met:			
a. The term is for 20 years or the useful life of the project,	☐	☐	☒
b. The lessor is a public agency, and			
c. The lease contains no provisions that prevent full compliance with the grant agreement.			
20. Property in the project is (will be) in conformance with the current Exhibit A property map, which is based on deeds, title opinions, land surveys, the approved airport layout plan, and project documentation.	☒	☐	☐
21. For any acquisition of property interest in noise sensitive approach zones and related areas, property interest was (will be) obtained to ensure land is used for purposes compatible with noise levels associated with operation of the airport.	☐	☐	☒

	Yes	No	N/A
22. For any acquisition of property interest in runway protection zones and areas related to 14 CFR 77 surfaces, property interest was (will be) obtained for the following:			
a. The right of flight,	☐	☐	☒
b. The right of ingress and egress to remove obstructions, and			
c. The right to restrict the establishment of future obstructions.			
23. Appraisals prepared by qualified real estate appraisers hired by the sponsor include (will include) the following:			
a. Valuation data to estimate the current market value for the property interest acquired on each parcel, and	☐	☐	☒
b. Verification that an opportunity has been provided the property owner or representative to accompany appraisers during inspections.			
24. Each appraisal has been (will be) reviewed by a qualified review appraiser to recommend an amount for the offer of just compensation, and the written appraisals as well as review appraisal are available to FAA for review.	☐	☐	☒
25. A written offer to acquire each parcel was (will be) presented to the property owner for not less than the approved amount of just compensation.	☐	☐	☒
26. Effort was (will be) made to acquire each property through the following negotiation procedures:			
a. No coercive action to induce agreement, and	☐	☐	☒
b. Supporting documents for settlements included in the project files.			
27. If a negotiated settlement is not reached, the following procedures were (will be) used:			
a. Condemnation initiated and a court deposit not less than the just compensation made prior to possession of the property, and	☐	☐	☒
b. Supporting documents for awards included in the project files.			
28. If displacement of persons, businesses, farm operations, or non-profit organizations is involved, a relocation assistance program was (will be) established, with displaced parties receiving general information on the program in writing, including relocation eligibility, and a 90-day notice to vacate.	☐	☐	☒

	Yes	No	N/A
29. Relocation assistance services, comparable replacement housing, and payment of necessary relocation expenses were (will be) provided within a reasonable time period for each displaced occupant in accordance with the Uniform Act.	☐	☐	☒

I certify, for the project identified herein, responses to the forgoing items are accurate as marked and have prepared documentation attached hereto for any item marked "no" that is correct and complete.

City of Ormond Beach

(Name of sponsor)

(Signature of Sponsor's Designated Official Representative)

Mr. Steven Lichliter

(Typed Name of Sponsor's Designated Official Representative)

Airport Manager

(Typed Title of Sponsor's Designated Official Representative)

April 20, 2022

(Date)

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
AIRPORT IMPROVEMENT PROGRAM
SPONSOR CERTIFICATION
SELECTION OF CONSULTANTS**

City of Ormond Beach

Ormond Beach Municipal
Airport

(Sponsor)

(Airport)

(Project Number)

Description of Work:

Automated Weather Observing System – Level III P/T

Title 49, United States Code, section 47105(d), authorizes the Secretary to require certification from the sponsor that it will comply with the statutory and administrative requirements in carrying out a project under the Airport Improvement Program (AIP). General standards for selection of consultant services within Federal grant programs are described in Title 49, Code of Federal Regulations (CFR), Part 18.36. Sponsors may use other qualifications-based procedures provided they are equivalent to specific standards in 49 CFR 18 and FAA Advisory Circular 150/5100-14, Architectural, Engineering, and Planning Consultant Services for Airport Grant Projects.

Except for the certified items below marked not applicable (N/A), the list includes major requirements for this aspect of project implementation, although it is not comprehensive, nor does it relieve the sponsor from fully complying with all applicable statutory and administrative standard.

	Yes	No	N/A
30. Solicitations were or will be made to ensure fair and open competition from a wide area of interest.	☒	☐	☐
31. Consultants were or will be selected using competitive procedures based on qualifications, experience, and disadvantaged enterprise requirements with the fees determined through negotiations.	☒	☐	☐
32. A record of negotiations has been or will be prepared reflecting considerations involved in the establishment of fees, which are not significantly above the sponsor's independent cost estimate.	☒	☐	☐
33. If engineering or other services are to be performed by sponsor force account personnel, prior approval was or will be obtained from the FAA.	☒	☐	☐
34. The consultant services contracts clearly establish or will clearly establish the scope of work and delineate the division of responsibilities between all parties engaged in carrying out elements of the project.	☒	☐	☐
35. Costs associated with work ineligible for AIP funding are or will be clearly identified and separated from eligible items in solicitations, contracts, and related project documents.	☒	☐	☐

	Yes	No	N/A
36. Mandatory contact provisions for grant-assisted contracts have been or <u>will be</u> included in consultant services contracts.	☒	☐	☐
37. The cost-plus-percentage-of-cost methods of contracting prohibited under Federal standards were not or <u>will not</u> be used.	☒	☐	☐
38. If the services being procured cover more than the single grant project referenced in this certification, the scope of work was or will be specifically described in the advertisement, and future work will not be initiated beyond five years.	☐	☐	☒

I certify, for the project identified herein, responses to the forgoing items are accurate as marked and have prepared documentation attached hereto for any item marked "no" that is correct and complete.

City of Ormond Beach

(Name of Sponsor)

(Signature of Sponsor's Designated Official Representative)

Mr. Steven Lichliter

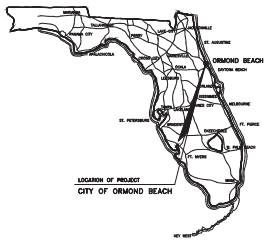
(Typed Name of Sponsor's Designated Official Representative)

Airport Manager

(Typed Title of Sponsor's Designated Official Representative)

April 20, 2022

(Date)



Location Map

ORMOND BEACH MUNICIPAL AIRPORT

CITY of ORMOND BEACH, FLORIDA

CONSTRUCTION PLANS

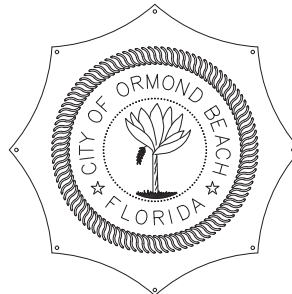
for

AUTOMATED WEATHER OBSERVING SYSTEM—LEVEL III P/T (AWOS—III P/T)

General Notes:

- THE EXISTENCE AND LOCATION OF THE EXISTING UNDERGROUND FACILITIES SHOWN ON THESE DRAWINGS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS AND A CERTIFIED LAND SURVEY. ATTENTION IS DIRECTED TO THE POSSIBLE EXISTENCE OF UNDERGROUND UTILITY FACILITIES NOT KNOWN OR IN A LOCATION DIFFERENT FROM THAT WHICH IS SHOWN ON THE PLANS OR IN THE SPECIAL PROVISIONS. THE CONTRACTOR WILL TAKE STEPS TO ASCERTAIN THE EXACT LOCATION OF ALL UNDERGROUND FACILITIES PRIOR TO PERFORMING WORK THAT MAY DAMAGE SUCH FACILITIES OR INTERFERE WITH THEIR SERVICE.
- THE CONTRACTOR WILL CONFIRM, BY FIELD MEASUREMENTS, THE LOCATION AND ELEVATION OF ALL IMPROVEMENTS TO BE CONSTRUCTED PRIOR TO ACTUAL CONSTRUCTION. THE CONTRACTOR WILL MAKE EXPLORATORY EXCAVATIONS TO LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO THE PLANS IF REVISIONS ARE NECESSARY DUE TO THE ACTUAL LOCATION OF THESE FACILITIES.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR AND HAVE COMPLETE CONTROL OVER THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES USED DURING CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. THE ENGINEER WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE CONTRACTOR WILL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR WILL DEFEND, INDEMNIFY, AND HOLD HARMLESS THE OWNER AND ITS AGENTS FROM ANY LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ITS AGENTS.
- ALL WORK WILL BE IN ACCORDANCE WITH:
 - FEDERAL AVIATION ADMINISTRATION ADVISORY CIRCULARS CONCERNING CONSTRUCTION AND SAFETY ON AIRPORTS, LATEST EDITION.
 - FLORIDA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE SPECIFICATIONS, LATEST EDITION.
 - THE TECHNICAL SPECIFICATIONS AND CONTRACT DOCUMENTS.
 - THE CONTRACT DRAWINGS.
 - ALL OTHER APPLICABLE FEDERAL, STATE, AND LOCAL CODES AND REGULATIONS.
- UTILITY ALERT: BEFORE BEGINNING WORK, THE CONTRACTOR WILL VERIFY THE LOCATION OF THE UNDERGROUND FACILITIES BY CONTACTING THE VARIOUS UTILITY COMPANIES OR AGENCIES A MINIMUM OF 72 HOURS PRIOR TO BEGINNING WORK.
- THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE ENGINEER IF ANY UNDERGROUND UTILITIES ARE DAMAGED. THE CONTRACTOR WILL PROVIDE ADEQUATELY TRAINED PERSONNEL TO REPAIR ANY DAMAGED UTILITIES WITHIN 24 HOURS OF DAMAGE. DAMAGE TO NAVIGATIONAL AIDS AND/OR LIGHTING MUST BE CALLED IN AND REPAIRED IMMEDIATELY. ALL NAVAIDS MUST BE REPAIRED IMMEDIATELY AND LIGHTS MUST BE FULLY OPERATIONAL BY 6:00 P.M. EACH DAY. THE CONTRACTOR IS RESPONSIBLE FOR ALL REPAIRS.
- THE CONTRACTOR WILL RESTORE THE SITE TO ITS ORIGINAL (OR BETTER) CONDITION PRIOR TO COMPLETION OF THE PROJECT. THIS MEANS THAT ALL DISTURBED AREAS OUTSIDE THE PROJECT LIMITS MUST RECEIVE AS A MINIMUM, HYDROSEED, IN ADDITION ALL PROVISIONS OF THE CONTRACT WILL REMAIN IN EFFECT, AND MAINTENANCE OF TRAFFIC ON THE AIRPORT AND SAFETY PRECAUTIONS WILL BE PERFORMED ON A DAILY BASIS.
- ALL AREA QUANTITIES EXPRESSED, WHETHER IN UNITS OF SY, SF, YD³, ETC. ARE BASED ON CALCULATIONS AS MEASURED IN PLAN VIEW. SLOPES, DIPS, HOLE OR ANY OTHER VERTICAL VARIATIONS ARE NOT TAKEN INTO ACCOUNT IN THE CALCULATED QUANTITIES. THE CONTRACTOR MUST CONSIDER THIS IN HIS/HER UNIT PRICE BID FOR THESE PAY ITEMS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR THE DIFFERENCE IN QUANTITIES OF AREA DUE TO VERTICAL VARIATIONS.
- CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGE TO GATES RESULTING FROM CONSTRUCTION ACTIVITY.

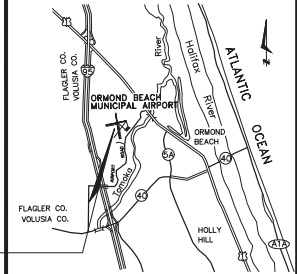
FAA AIP NO. TBD
HOYLE TANNER JOB NO. 22.88701
CITY OF ORMOND BEACH BID# 2022-14



MARCH 2022

100% DESIGN FOR
BIDDING

REVISIONS				
REV #	DESCRIPTION	CHKD. BY	APPD. BY	DATE



LOCATION OF PROJECT
ORMOND BEACH
MUNICIPAL AIRPORT

Vicinity Map

City Officials

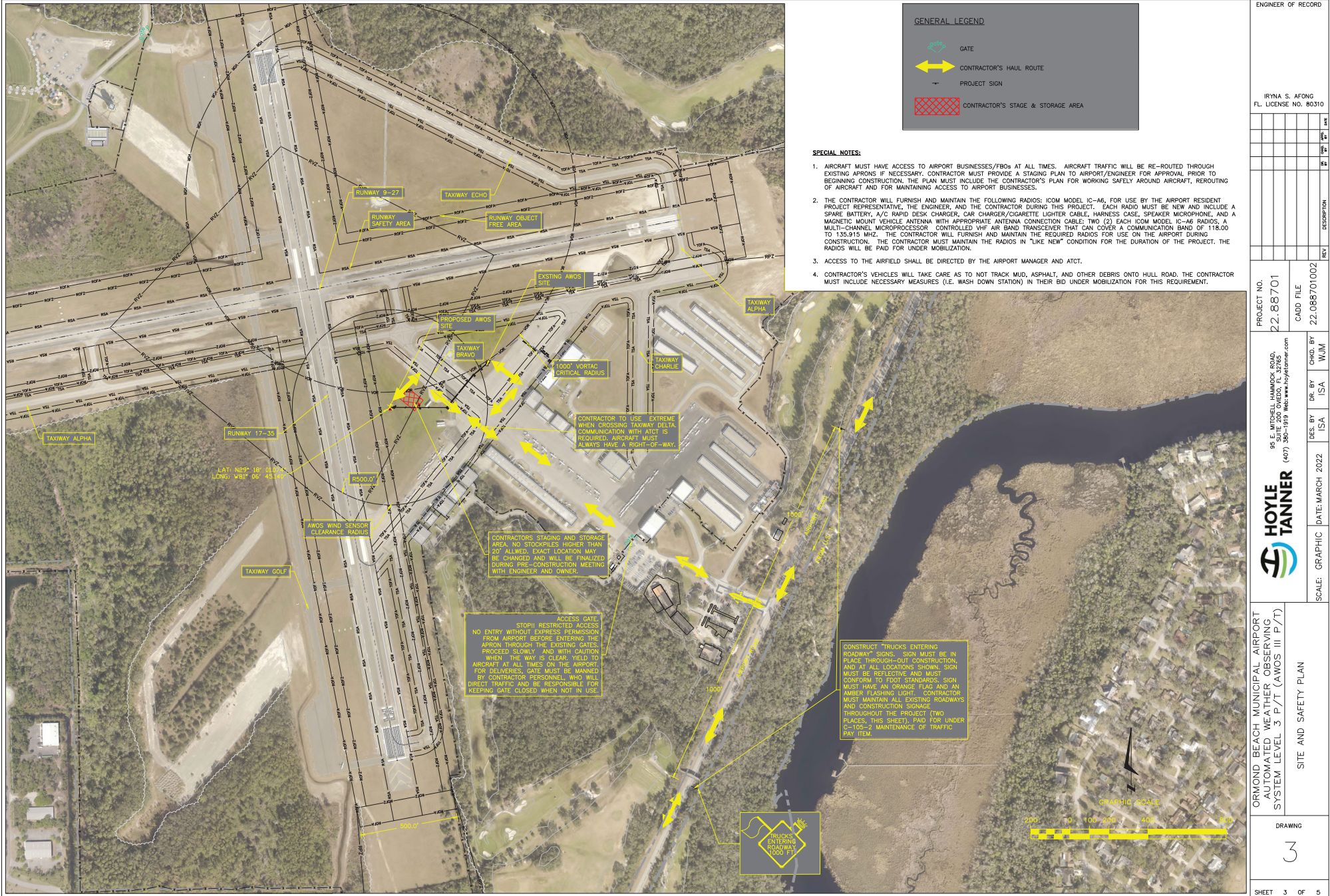
MAYOR Bill Partington
COMMISSIONER Dwight Selby
COMMISSIONER Troy Kent
COMMISSIONER Susan Persis
COMMISSIONER Rob Littleton
CITY MANAGER Joyce Shanahan
PUBLIC WORKS DIRECTOR Shawn Finley
CITY ENGINEER Alex Schumann, P.E.
AIRPORT MANAGER Steven Lichliter

DRAWING INDEX

- COVER SHEET
- SITE AND SAFETY PLAN
- SITE AND SAFETY NOTES AND DETAILS
- AWOS DEMOLITION AND LAYOUT PLAN
- DETAILS SHEET

PLANS PREPARED BY:





AIRPORT BUSINESS TO REMAIN OPEN

THE CONTRACTOR WILL COORDINATE ANY WORK EFFORTS THAT WOULD IMPEDE AIRPORT ACCESS TO AIRPORT FACILITIES WITH THE AIRPORT ADMINISTRATION AND THE ENGINEER IN ORDER TO ASSURE TIMELY COORDINATION WITH TENANTS. THE CONTRACTOR MUST MAINTAIN RADIO CONTACT WITH AIR TRAFFIC AT ALL TIMES BY MONITORING ALL FREQUENCIES.

AS FOLLOWS:
 UNICOM: 123.05
 ATCT GROUND: 121.625
 AWOS: 118.475
 CTAF: 119.075 (ACTIVATE AIRFIELD MRLS, PAPI, REILS)

GENERAL NOTES

- REFERENCES (USE THE LATEST EDITIONS):
 FAA ADVISORY CIRCULAR NO. 150/5210-5 PAINTING, MARKING, AND LIGHTING OF VEHICLES USED ON AN AIRPORT
 FAA ADVISORY CIRCULAR NO. 150/5370-2 OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION. THE CONTRACTOR IS REQUIRED TO READ AND COMPLY WITH THIS DOCUMENT.
 FAA ORDER OJ 6560.20C
 FAA ADVISORY CIRCULAR NO. 150/5220-16E
 FAA ADVISORY CIRCULAR NO. 150/5340-30 DESIGN AND INSTALLATION FOR AIRPORT VISUAL AIDS.
 FEDERAL AVIATION ADMINISTRATION PARTS 77, 139, & 157 (WHEN APPLICABLE)
 REFER TO THE PROJECT CONTRACT DOCUMENTS FOR ADDITIONAL INFORMATION.

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FOLLOWING ITEMS:

- LIGHTED BARRICADES WILL BE PROVIDED BY THE CONTRACTOR TO DIRECT AIRCRAFT AWAY FROM CONSTRUCTION AREAS, AS SHOWN ON THE PLANS. WORK AREAS AND DETOURS FOR TAXIING AIRCRAFT WILL BE BARRICADED NIGHT AND DAY AS DIRECTED. BARRICADES MUST BE BRIGHTLY COLORED, MAX. 24" HIGH AND SPACED NO MORE THAN 6' APART. THEY MUST BE PLACED NOT CLOSER THAN 2' NOR FARTHER THAN 10' FROM ANY PAVEMENT EDGE UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- CLOSED RUNWAY/TAXIWAY MARKERS, IF USED, AND BARRICADES MUST BE SECURED AGAINST WIND AND AIRCRAFT PROPELLER BLASTS BY WEIGHTING OR NAILING INTO PAVEMENT.
- CLOSED RUNWAY/TAXIWAY MARKERS, WHEN NOT IN USE, WILL BE STORED BY THE CONTRACTOR IN THE CONTRACTOR'S STAGING AREA.
- NONE OF THE CONTRACTOR'S VEHICLES WILL BE ALLOWED TO CROSS ANY RUNWAY EXCEPT AS NOTED AND PROVIDED IN PROJECT CONTRACT DOCUMENTS, REFERENCED FAA ADVISORY CIRCULARS, AND THESE PLANS.
- CONTRACTOR WILL MAINTAIN AIRCRAFT ACCESS TO ALL EXISTING HANGAR AREAS AT ALL TIMES DURING CONSTRUCTION.
- THE CONTRACTOR WILL HAVE A POWER SWEEPER ON THE SITE WHEN REQUIRED TO SWEEP PAVEMENTS IN WORK AREAS AND HAUL ROUTES AS DIRECTED BY THE ENGINEER.
- ALL AIRCRAFT TRAFFIC ON ACTIVE RUNWAYS, TAXIWAYS, AND APRONS WILL HAVE PRIORITY AND RIGHT-OF-WAY OVER CONTRACTOR'S TRAFFIC. NO MEN OR EQUIPMENT ARE ALLOWED WITHIN 65.5' OF AN ACTIVE TAXIWAY CENTERLINE OR 250' OF ACTIVE RUNWAY CENTERLINE.
- NO RUNWAY, TAXIWAY, APRON, OR AIRPORT ROADWAY WILL BE CLOSED WITHOUT WRITTEN APPROVAL FROM THE AIRPORT OWNER WHO WILL THEN FILE THE NECESSARY "NOTICES TO AIRMEN" (NOTAMS) AND/OR ADVISORIES. REQUESTED CLOSINGS WILL BE DIRECTED TO THE AIRPORT MANAGER. NOTAMS REQUIRE 48 HOURS NOTICE.
- MATERIALS DELIVERY TO THE SITE: ALL CONTRACTOR'S MATERIAL ORDERS FOR DELIVERY TO THE WORK SITE WILL USE THE HAUL ROUTE AND CONTRACTOR'S STAGING AREA AT THE AIRPORT. THIS SHOULD PRECLUDE DELIVERY TRUCKS FROM TAKING SHORT CUTS THROUGH THE AIRFIELD AND ENTERING INTO NON-APPROVED AIRCRAFT OPERATIONS AREAS INADVERTENTLY.
- AFTER THE JOB IS COMPLETED, THE CONTRACTOR MUST RESTORE THE MATERIAL STORAGE AND EQUIPMENT AREA TO PRE-EXISTING CONDITIONS AT NO ADDITIONAL COST TO THE OWNER.
- STATE AND LOCAL HIGHWAY LOAD LIMITS APPLY ON ALL HAUL ROUTES. ALL HAUL ROUTES WILL BE RESTORED TO ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR WILL BE RESPONSIBLE FOR KEEPING ALL RUNWAYS, TAXIWAYS AND AIRPORT ROADS SWEEP CLEAN OF ANY DEBRIS INTRODUCED BY HIS/HER CONSTRUCTION EQUIPMENT. ANY LIABILITY OR EXPENSES RESULTING FROM FOREIGN OBJECT DAMAGE TO AIRCRAFT FOUND TO BE CAUSED BY THE CONTRACTOR OR HIS/HER SUBS WILL BE BORNE SOLELY BY THE CONTRACTOR.
- ALL CONTRACTOR VEHICLES THAT ARE AUTHORIZED TO OPERATE ON THIS AIRPORT OUTSIDE OF THE DESIGNATED CONSTRUCTION AREA LIMITS OR HAUL ROUTES AS SPECIFIED ON THE PLANS AND IN THE ACTIVE AIRPORT OPERATIONAL AREAS, (AOA), WILL DISPLAY IN FULL VIEW ABOVE THE VEHICLE A 3' X 3' OR LARGER ORANGE AND WHITE CHECKERBOARD FLAG WITH EACH CHECKERBOARD COLOR BEING 1" SQUARE. ANY VEHICLE OPERATING IN THE ACTIVE AOA WILL BE EQUIPPED WITH A FLASHING AMBER (YELLOW) DOME TYPE LIGHT, MOUNTED ON TOP OF THE VEHICLE AND OF SUCH INTENSITY TO CONFORM TO LOCAL CODES FOR MAINTENANCE AND EMERGENCY VEHICLES.
- ANY CONSTRUCTION ACTIVITY WITHIN 250' OF AN ACTIVE RUNWAY CENTERLINE OR 65.5' FROM AN ACTIVE TAXIWAY CENTERLINE OR OPEN EXCAVATIONS IN EXCESS OF 3 INCHES DEEP WITHIN THE ABOVE AREAS, WILL REQUIRE CLOSURE OF THE AFFECTED RUNWAY, OR TAXIWAY, UNLESS OTHERWISE APPROVED BY THE AIRPORT MANAGER. ONLY ONE RUNWAY OR TAXIWAY CAN BE CLOSED AT A TIME AND ONLY AT THE APPROVAL OF THE AIRPORT MANAGER. THE CONTRACTOR MUST NOTIFY THE ENGINEER, OWNER RESPONSIBLE, AND AIRPORT MANAGER A MINIMUM OF 48 HOURS PRIOR TO CLOSURE OF ANY RUNWAY.
- ALL CONTRACTOR'S VEHICLES THAT ARE REQUIRED TO CROSS ACTIVE RUNWAYS, TAXIWAYS, AND APPROACH RUNWAY PROTECTION ZONES MUST DO SO UNDER THE DIRECT CONTROL OF A FLAGMAN. THE FLAGMAN WILL BE TRAINED AND INSTRUCTED BY THE AIRPORT MANAGER AND/OR ENGINEER IN THE REGULATIONS GOVERNING OPERATIONS OF THE AOA AND THE AIRPORT. THE FLAGMAN WILL BE FURNISHED BY THE CONTRACTOR AND POSSESS A UNICOM RADIO TUNED TO FREQUENCY 121.625. AS APPROPRIATE ALL AIRPORT TRAFFIC ON RUNWAYS AND TAXIWAYS WILL HAVE PRIORITY OVER CONTRACTOR'S TRAFFIC. THE CONTRACTOR WILL APPROACH THE FIELD ENGINEER FOR INSTRUCTION, PRIOR TO VEHICLE ENCROACHMENT.
- EXCESS MATERIAL FROM EXCAVATION WILL NOT BE REMOVED FROM THE SITE WITHOUT THE OWNER'S APPROVAL. EXCEPT UNSUITABLE MATERIAL, WHICH MAY BE REMOVED FROM THE SITE BY THE CONTRACTOR. THE OWNER WILL DETERMINE WHAT EXCESS MATERIAL IS UNSUITABLE. EXCESS STOCKPILE AREA TO BE DETERMINED BY THE OWNER.
- UNLESS OTHERWISE PROVIDED IN THE SUPPLEMENTARY CONDITIONS, CONTRACTOR WILL OBTAIN AND PAY FOR ALL CONSTRUCTION PERMITS AND LICENSES. THIS INCLUDES THE WIDES CONSTRUCTION PERMIT AND MONITORING AS REQUIRED BY FDEP. THE OWNER WILL ASSIST CONTRACTOR, WHEN NECESSARY, IN OBTAINING SUCH PERMITS AND LICENSES. CONTRACTOR WILL PAY ALL GOVERNMENTAL CHARGES AND INSPECTION FEES NECESSARY FOR THE PROTECTION OF THE WORK WHICH ARE APPLICABLE AT THE TIME OF OPENING OF BIDS, OR, IF THERE ARE NO BIDS, ON THE EFFECTIVE DATE OF THE AGREEMENT. OWNER WILL PAY ALL CHARGES OF UTILITY OWNERS FOR CONNECTIONS FOR PROVIDING PERMANENT SERVICE TO THE WORK.

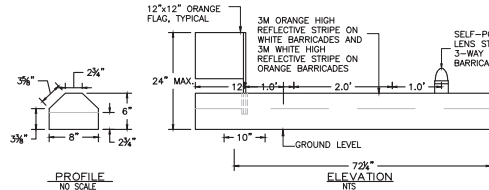
- THE OWNER RESERVES THE RIGHT TO PERFORM QUALITY ASSURANCE TESTING ON ALL SITE WORK DURING THE CONSTRUCTION PROCESS AS REQUIRED BY THE TECHNICAL SPECIFICATIONS. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING QUALITY CONTROL TESTING ON ALL SITE WORK DURING THE CONSTRUCTION PROCESS AS REQUIRED BY THE TECHNICAL SPECIFICATIONS AND AS HE/SHE DEEMS NECESSARY TO ACHIEVE THE GOALS OF THE PROJECT.

- EXAMPLE:
 THE OWNER WILL PROVIDE QUALITY ASSURANCE TESTING ON THE BASE COURSE (LIMEROCK) MATERIAL TO ENSURE THE DENSITY, MOISTURE AND THICKNESS REQUIREMENTS ARE CONSTRUCTED AS SPECIFIED IN P-211. HOWEVER, THE CONTRACTOR WILL DEEM IT NECESSARY TO PROVIDE QUALITY CONTROL TESTING DURING THE BASE COURSE (LIMEROCK) CONSTRUCTION PROCESS TO ENSURE THAT HE/SHE CAN MEET THE QUALITY ASSURANCE TESTING REQUIREMENTS.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AN AS-BUILT SURVEY FOR THE ENTIRE PROJECT INCLUDING BUT NOT LIMITED TO:
 - TOP OF ALL GRATE AND ANY WEIR INVERT ELEVATIONS FOR DRAINAGE STRUCTURES
 - INVERT OF ALL CULVERTS AT TERMINATION POINTS
 - 25' GRID FOR SPOT ELEVATIONS ON ALL PAVEMENT INCLUDING ALL EDGE OF PAVEMENTS
 - TOP AND BOTTOM FOR ALL DRAINAGE SWALES AND PONDS
 - 50' GRID FOR SPOT ELEVATIONS OUTSIDE OF PAVEMENT
 - ALL PAVEMENT MARKINGS
 - ALL UTILITIES INCLUDING ELECTRICAL, SEWER, LIGHTING, ETC.
 - FENCE LOCATIONS
 - AIRFIELD NAVIGATIONAL AIDS.

THE AS-BUILT SURVEY WILL BE SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEY LICENSED IN THE STATE OF FLORIDA AND TWO (2) SIGNED AND SEALED ORIGINALS OF FULL SIZE SETS AS WELL AS ONE ELECTRONIC COPY WILL BE PROVIDED TO THE COUNTY WITHIN THIRTY (30) DAYS OF SUBSTANTIAL COMPLETION. TO BE PAID FOR UNDER MOBILIZATION.

SPECIAL PROJECT SAFETY NOTES

- THIS SITE AND SAFETY PLAN IS PART OF THE CONSTRUCTION CONTRACT WHEN EXECUTED BY ALL CONCERNED PARTIES.
- THE CONTRACTOR IS REQUIRED TO FOLLOW FAA ADVISORY CIRCULAR 150/5370-2 (THE LATEST EDITION AVAILABLE AT WWW.FAA.GOV)
- ANY EXTENDED WORK ASSOCIATED WITH THIS PROJECT THAT IS LOCATED WITHIN 250' OF ACTIVE PORTIONS OF RUNWAY 17-35 OR 9-27 WILL REQUIRE TEMPORARY CLOSING OF THE ASSOCIATED RUNWAY. TEMPORARY LIGHTED BARRICADES (SEE DETAIL) MUST BE CONSTRUCTED AT THE LOCATIONS SHOWN ON THIS PLAN AND AS DIRECTED BY THE ENGINEER. ANY EXTENDED WORK REQUIRED WITHIN 65.5' OF ANY TAXIWAY CENTERLINE WILL ALSO REQUIRE A NOTAM ISSUANCE FOR TEMPORARY CLOSURE OF THE TAXIWAY.
- ALL MATERIALS, MEN, AND EQUIPMENT WILL BE MARSHALLED ONTO AIRPORT PROPERTY VIA THE CONTRACTOR'S HAUL ROUTE(S) SHOWN ON THE PLANS. NO OTHER ENTRANCES ARE APPROVED FOR CONSTRUCTION ACCESS.
- THE CONTRACTOR WILL MONITOR AIR TRAFFIC FREQUENCY 119.075 AND ATCT GROUND CONTROL FREQUENCY 121.625 BEFORE, DURING, AND AFTER CROSSING AN ACTIVE RUNWAY OR TAXIWAY. A FLAGMAN WILL BE REQUIRED WHEN CROSSING AN ACTIVE AREA AND WILL BE EQUIPPED WITH THE APPROPRIATE RADIO EQUIPMENT AT ALL TIMES. THE CONTRACTOR MUST REQUEST ACCESS TO AIRCRAFT AREAS WHEN ATCT IS OPERATING AND MUST BE PREPARED FOR GROUND CONTROL INSTRUCTION FROM THE ATCT AND WILL YIELD AT ALL TIMES TO ALL AIRCRAFT. STRICT ADHERENCE TO GROUND MOVEMENT INSTRUCTIONS FROM THE ATCT IS AN ABSOLUTE NECESSITY TO FACILITATE SAFETY ON THE AIRPORT. PROVISIONS FOR WEEKLY SAFETY MEETINGS WILL BE OUTFITTED EITHER WITHIN THE CONTRACT DOCUMENTS OR AT THE PRECONSTRUCTION CONFERENCE. ATCT HOURS OF OPERATION ARE 7 AM TO 7 PM.
- CONTRACTOR'S VEHICLE TRAFFIC WILL BE COORDINATED WITH THE ENGINEER AND THE OWNER. THE CONTRACTOR WILL MAINTAIN ALL ROADS FOR DUST AND DEBRIS ON A DAILY BASIS.
- EXCESS/UNSUITABLE MATERIALS WILL BE REMOVED FROM AIRPORT PROPERTY AT NO ADDITIONAL COST TO THE OWNER.
- THIS SITE AND SAFETY PLAN DOES NOT RELINQUISH THE CONTRACTOR FROM ANY RESPONSIBILITY CONCERNING SAFETY ON AIRPORT PROPERTY. ULTIMATE RESPONSIBILITY RESTS UPON THE CONTRACTOR AT ALL TIMES WITH REGARD TO THE CONTRACTOR'S ACTIVITIES, INCLUDING ANY INCIDENTS OR ACCIDENTS FOUND TO RESULT FROM THESE CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR WILL BE REQUIRED TO CONSTRUCT TEMPORARY ACCESS TO STAGING/STORAGE AREAS, WORK AREA ENTRY, GRADING AND STABILIZING AS NECESSARY TO PROVIDE SAFE ACCESS TO THE CONSTRUCTION AREA. COST ASSOCIATED WITH ACCESS CONSTRUCTION, MAINTAINING ACCESS, AND RESTORATION OF THE AREA TO ITS ORIGINAL CONDITION (INCLUDING GRADING AND RE-SODDING) WILL BE INCLUDED IN THE MOBILIZATION ITEM AND WILL NOT BE PAID FOR SEPARATELY. THE CONTRACTOR WILL BE RESPONSIBLE FOR ASSESSING HAUL ROUTES PRIOR TO BIDDING.
- AREAS SHOWN ON PREVIOUS SHEETS ARE ILLUSTRATIVE ONLY. REFER TO PLANS WHICH FOLLOW FOR ACTUAL LIMITS OF WORK.
- THE CONTRACTOR WILL PLACE A TEMPORARY "TRUCKS ENTERING HIGHWAY" SIGN 1000' (FEET) FROM INTERSECTION OF HAUL ROUTE ACCESS ROAD. (SEE FDOT INDEX NO. 630, SHEET 1 OF 3, FOR DETAILS AND INFORMATION).
- NO ADDITIONAL PAYMENT WILL BE MADE FOR THE WORK SHOWN ON THIS PLAN. ALL WORK FOR PROJECT PHASING AND SAFETY WILL BE INCLUDED ON OTHER WORK ITEMS.
- ALL SECURITY/ACCESS GATES WILL REMAIN CLOSED AND LOCKED AT ALL TIMES (INCLUDING HAULING PROCEDURES) UNLESS CONTROLLED BY A DEDICATED FLAG PERSON PROVIDED BY THE CONTRACTOR.
- THE CONTRACTOR MUST KEEP ALL ACTIVE PAVEMENT SURFACES (APRIDE AND LANDSIDE) CLEAN AND FREE OF DEBRIS. A POWER BROOM AND/OR SWEEPER TRUCK MUST BE ON SITE AND AVAILABLE AT ALL TIMES FOR CLEANING PAVEMENT SURFACES. PROJECT PAVEMENT SURFACES AND HAUL ROUTES MUST BE SWEEP WITH A POWER BROOM AND/OR SWEEPER TRUCK AT THE END OF EACH WORK DAY. NO DIRECT PAYMENT WILL BE MADE FOR THE CLEANING AND MAINTAINING OF EXISTING PAVEMENTS, AS IT IS NECESSARY AND INCIDENTAL PORTION OF THE WORK.
- THE CONTRACTOR MUST PROVIDE WATER TRUCK AS NEEDED FOR DUST CONTROL. NO DIRECT PAYMENT WILL BE MADE FOR CONSTRUCTION SITE DUST CONTROL, AS IT IS NECESSARY AND INCIDENTAL PORTION OF THE WORK.

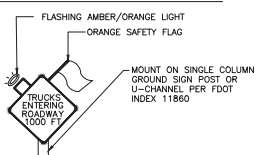


TYPICAL WATER BARRICADE
 NTS



BARRICADES NOTES:

- BARRICADE CONSTRUCTED OF HIGH IMPACT, UV-RESISTANT POLYETHYLENE AS MANUFACTURED BY NEUBERT AERO CORP. (1-877-NAC-ARPT) OR SIMILAR APPROVED EQUAL.
- EACH UNIT WILL INCLUDE RED STANDARD 3-WAY LIGHT, 12" ORANGE FLAG AND 3M HIGH REFLECTIVE ORANGE TAPE.
- BARRICADES WILL BE PLACED AS SHOWN ON THESE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
- SEE TECHNICAL SPECIFICATIONS FOR MANUFACTURER CUT OUT SHEETS.
- BARRICADES MUST BE FILLED WITH WATER TO PREVENT MOVEMENT ONCE PLACED.
- CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY BARRICADES FOR THE DURATION OF THE PROJECT.
- ALL BARRICADES WILL BE SPACED NO MORE THAN 6 FEET APART END TO END.
- ALL BARRICADES WILL BE IN PLACE PRIOR TO STARTING CONSTRUCTION.



TYPICAL TEMPORARY
 CONSTRUCTION SIGN DETAIL
 NTS

SIGN MUST BE IN PLACE THROUGH-OUT CONSTRUCTION, AND AT ALL LOCATIONS SHOWN ON PREVIOUS SHEET. SIGN MUST BE REFLECTIVE AND MUST CONFORM TO FDOT STANDARDS. SIGN MUST HAVE AN ORANGE FLAG AND AN AMBER FLASHING LIGHT. CONTRACTOR WILL MAINTAIN ALL EXISTING ROADWAYS AND CONSTRUCTION SIGNAGE THROUGHOUT THE PROJECT.

ENGINEER OF RECORD

IRYNA S. AFONG
 FL LICENSE NO. 80310

REV	DESCRIPTION	DATE
1		
2		
3		
4		
5		
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7		
8		
9		
10		

PROJECT NO.	22-88701
CADD FILE	22.088701003

05 E. WYCHEL HANCOCK ROAD, SUITE 200 DEWEO, FL 32765 (407) 360-1919 Web: www.hoyletanner.com	CHG. BY WJM
DES. BY ISA	CHK. BY ISA

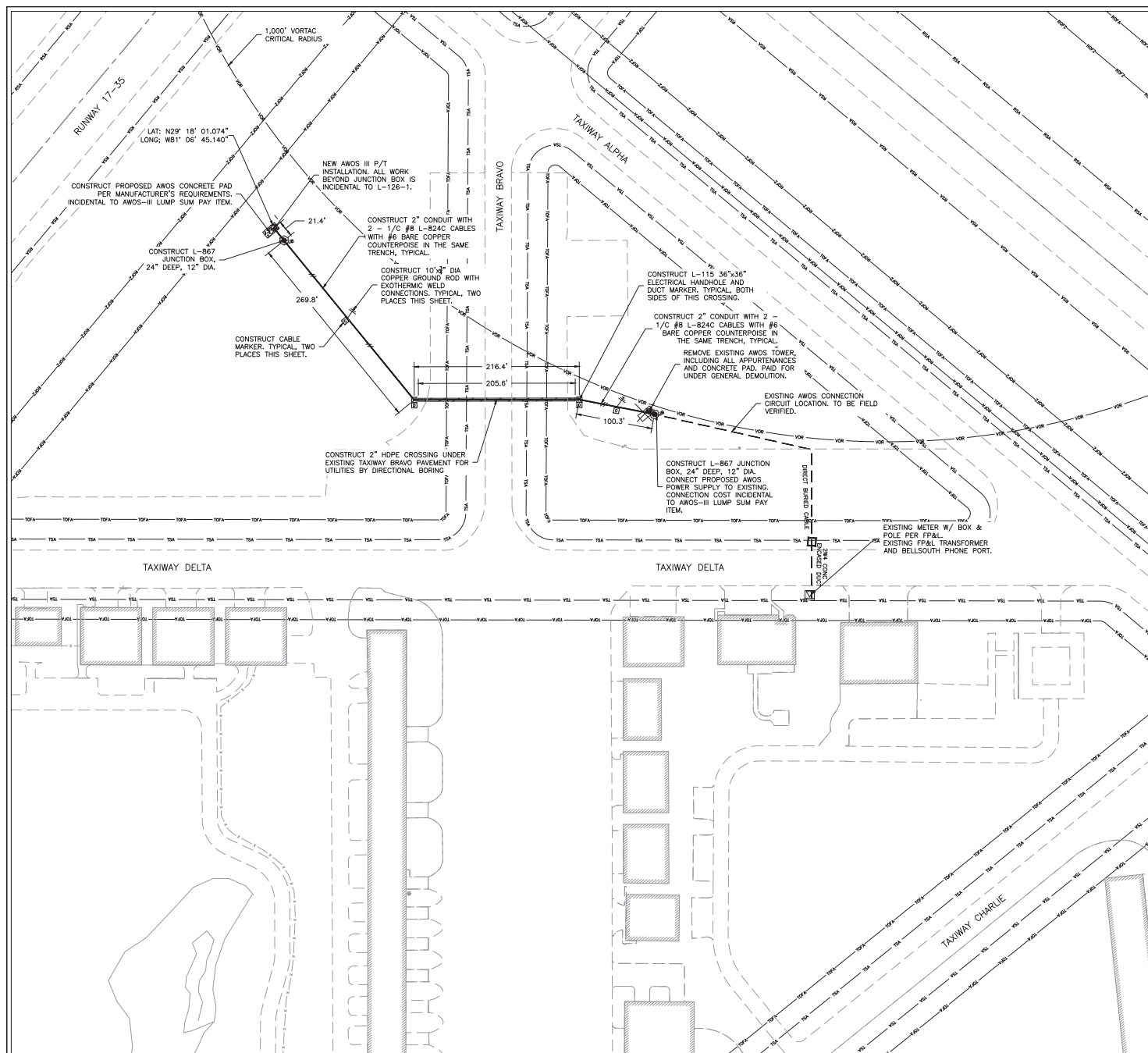
SCALE: GRAPHIC	DATE: MARCH 2022
SITE AND SAFETY NOTES AND DETAILS	

ORMOND BEACH MUNICIPAL AIRPORT AUTOMATED WEATHER OBSERVING SYSTEM LEVEL 3 P/T (AWOS III P/T)	
--	--

DRAWING

3

SHEET 3 OF 5



NOTES:

- CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION, PERMITS, AND FEES NECESSARY TO ARRANGE FOR POWER AND TELEPHONE SERVICE FOR THE AWOS-III.
- THE BIDDER MUST ARRANGE FOR ALL FAA COMMISSIONING AND INSPECTIONS, AND MUST PROVIDE QUALIFIED PERSONNEL TO TEST, DEMONSTRATE, AND TRAIN AIRPORT MAINTENANCE PERSONNEL TO FAA AC 150/5220-16E.
- THE BIDDER MUST COMPLY WITH FAA ORDER 6560.20C.
- ALL DIMENSIONS AND COORDINATES ARE TO THE BASE OF THE WIND TOWER.
- THE WIND TOWER MUST FACE TRUE NORTH.
- AWOS POWERED BY SINGLE PHASE 120/240 V AC SERVICE, 30 AMP MAX. PRIMARY POWER CABLE = 3 WIRE #8 THWN COPPER (INSULATED) RATED TO 50 AMPS, 2001V.
- THE FEDERAL AVIATION ADMINISTRATION HAS MANDATED THAT THE MAXIMUM HEIGHT OF THE AWOS ABOVE MEAN SEA LEVEL MAY BE NO GREATER THAN 51.17'. BIDDER MUST ADHERE TO THIS REQUIREMENT. THE ELEVATION OF EXISTING GROUND = 21.50'.
- AWOS MUST BE AN AWOS III P/T WITH A TYPE CERTIFICATION APPROVAL AND BE IN ACCORDANCE WITH SPECIFICATION L-126, FAA ADVISORY CIRCULAR NO. 150/5220-16E AND FAA ORDER NO. 6560.20C.
- CONTRACTOR MUST BE EXPERIENCED IN AT LEAST 3 PRIOR AWOS INSTALLATIONS.
- CONTRACTOR MUST RETAIN A LAND SURVEYOR TO DETERMINE AWOS SITE LOCATION. CONTRACTOR'S SURVEYOR MUST ALSO DETERMINE TRUE NORTH AND SET TWO PERMANENT CONCRETE SURVEY MARKERS AS SHOWN ON AWOS DETAILS. THE TOP OF THE MARKERS MUST BE SET AT THE DETERMINED GROUND ELEVATION OF THE AWOS.
- THE CONTRACTOR MUST PROVIDE THE NECESSARY MANUALS AND DOCUMENTATION REQUIRED IN SPECIFICATION L-126 AND FAA AC 150/5220-16E.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A FULLY OPERATIONAL AWOS III P/T THAT IS COMMISSIONED BY THE FAA. THE CONTRACTOR IS CAUTIONED THAT FCC FREQUENCY APPROVAL AND FAA COMMISSIONING REQUIRE LONG LEAD TIMES FOR SCHEDULING.
- AT LEAST 2 GROUNDING RODS MUST BE PLACED ON THE COUNTERPOISE SYSTEM.
- BIDDER MUST BE RESPONSIBLE FOR LOCATING ALL EXISTING UNDERGROUND CABLE AND DUCT. CONTRACTOR MUST NOTIFY ENGINEER OF ANY CONFLICTS PRIOR TO PROCEEDING WITH ANY WORK.
- CONTRACTOR MUST TAKE EXTREME CAUTION WHEN EXCAVATING FOR THE PROJECT, USING HAND EXCAVATING IF NECESSARY.
- CABLE MARKERS MUST BE PLACED AT EVERY CHANGE IN CABLE DIRECTION AND SPACED AT 200' INTERVALS ALONG STRAIGHT CABLE RUNS PER SPEC ITEM L-108-3.4.
- SEE LIGHTING DETAILS SHEET FOR SPLICE CONNECTION DETAILS IN CASE OF A CUT.
- BIDDER IS RESPONSIBLE FOR OBTAINING ALL ORMOND BEACH MUNICIPAL AIRPORT ELECTRICAL REFERENCE PLANS. A COPY OF THE PLAN EXISTS IN THE ELECTRICAL VAULT.
- IF ANY OPERATING CABLE IS CUT DURING CONSTRUCTION, CONTRACTOR MUST NOTIFY THE ENGINEER AND AIRPORT MANAGEMENT IMMEDIATELY. CONTRACTOR MUST SPLICE CABLE WITH AN L-923 CONNECTOR KIT AND PLACE SPLICE MARKER DIRECTLY OVER THE SPLICE BEFORE PROCEEDING WITH ANY FURTHER WORK. SPLICING AND MARKERS MUST BE AT CONTRACTORS EXPENSE. NO DEVIATIONS WILL BE ACCEPTED.
- THE CONTRACTOR MUST ENSURE EACH DAY BEFORE LEAVING THE SITE THAT ALL CIRCUITS LOCATED IN THE WORK AREA ARE OPERATING AT AN ACCEPTABLE LEVEL. NO DEVIATIONS WILL BE ACCEPTED.
- JUNCTION BOXES ARE TO BE INSTALLED AT ALL LOCATIONS AS SHOWN ON THESE PLANS. SEE DETAILS FOR MORE INFORMATION.
- COORDINATES SHOWN ON THESE PLANS ARE BASED ON THE NAD 83 STATE PLANE GRID FOR FLORIDA. LATITUDE AND LONGITUDE COORDINATES ARE CONVERTED FROM THE STATE PLANE VALUES. CITY FORCES/BIDDER MUST USE THE STATE PLANE COORDINATES TO LOCATE THE AWOS-III P/T.
- ALL CONTRACTOR DAMAGED/DISTURBED AREAS MUST BE RESTORED TO PREVIOUS CONDITION OR BETTER.
- THE FOLLOWING UTILITIES AND CONTACT NAMES ARE AN INTEGRAL PART OF THIS PROJECT:

AWOS POWER: FLORIDA POWER & LIGHT CO. (386)254-2352
 AIRPORT MANAGEMENT: STEVEN LICHTER (386)615-7019

CONSTRUCT AWOS-III P/T AT THESE
 STATE PLANE COORDINATES:
 N: 1805501.248
 E: 620296.718
 CONVERTED LAT/LONG:
 LATITUDE: 29° 18' 01.074" N
 LONGITUDE: 81° 06' 45.140" W

GRAPHIC SCALE



ENGINEER OF RECORD

IRYNA S. AFONG
 FL. LICENSE NO. 80310

PROJECT NO.
 22.88701
 CADD FILE
 22.88701004

98 E. HYDRAULIC HARBOR ROAD,
 SUITE 200 DUNEDIN, FL 32825
 (407) 300-1919 Web: www.hoyletanner.com



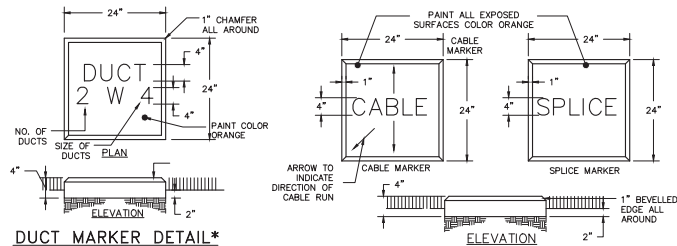
ORMOND BEACH MUNICIPAL AIRPORT
 AUTOMATED WEATHER OBSERVING
 SYSTEM LEVEL 3 P/T (AWOS III P/T)

AWOS DEMOLITION AND LAYOUT PLAN

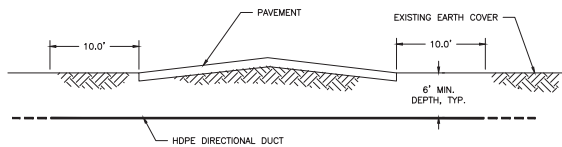
DRAWING

4

SHEET 4 OF 5

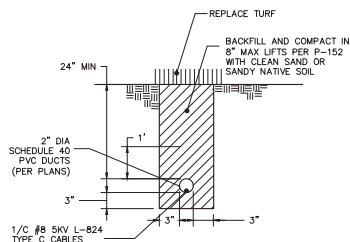


- GENERAL CONCRETE MARKER NOTES:**
1. LETTER APPROX. 3" WIDE TO FIT, AND 4" HIGH WIDTH OF STROKE 1/2" X 1/4" DEEP.
 2. INSCRIBE THE WORD "DUCT" AT DUCT MARKER LOCATIONS, "CABLE" AT CABLE CHANGE LOCATIONS, AND "SPLICE" AT SPLICE LOCATIONS. INSCRIBE ARROWS FOR ALL CABLE RUN DIRECTIONS.
 3. CONTRACTOR MUST UTILIZE FORMED LETTERS (STYROFOAM) OR EQUAL TO MAKE IMPRINTS IN CONCRETE MARKERS.
 4. CONCRETE PER FAA SPEC P-610.
 5. SPLICE MARKERS PAID FOR BY JUNCTION BOX UNIT PRICE.
 6. PAINT ALL EXPOSED SURFACES COLOR ORANGE.
 7. INSTALL IN ACCORDANCE WITH FAA SPEC L-110.
 8. ALL EXPOSED EDGES MUST HAVE 1" BEVEL.

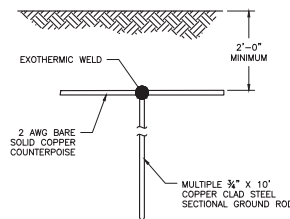


NOTE:

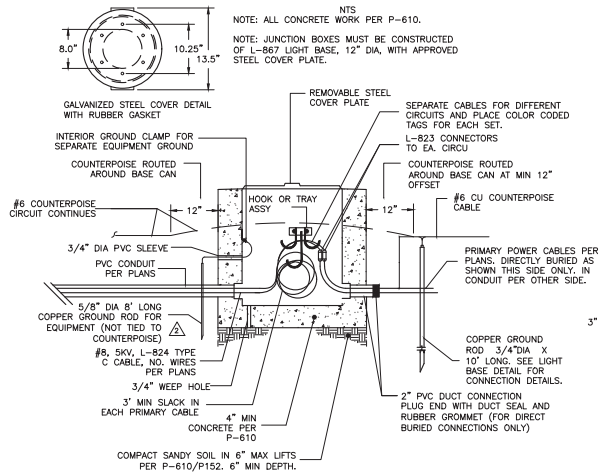
DIRECTIONAL BORE DUCT NOT ACHIEVING PROPER MINIMUM DEPTH WILL NOT BE PAID FOR. DIRECTIONAL BORE DUCT MORE THAN 10' OUTSIDE THE PAVEMENT EDGE AT PROPER DEPTH MAY BE INCORPORATED INTO THE WORK BUT WILL BE PAID FOR AS FINISHED DIRECT BURIED DUCT. INSTALL #2 AWG BARE SOLID COPPER COUNTERPOISE WITH DIRECTIONAL BORE DUCT-EXTERNAL TO DUCT.



1 WAY 2" DIA CABLE IN CONDUIT TRENCH DETAIL (IN SOIL)
NTS



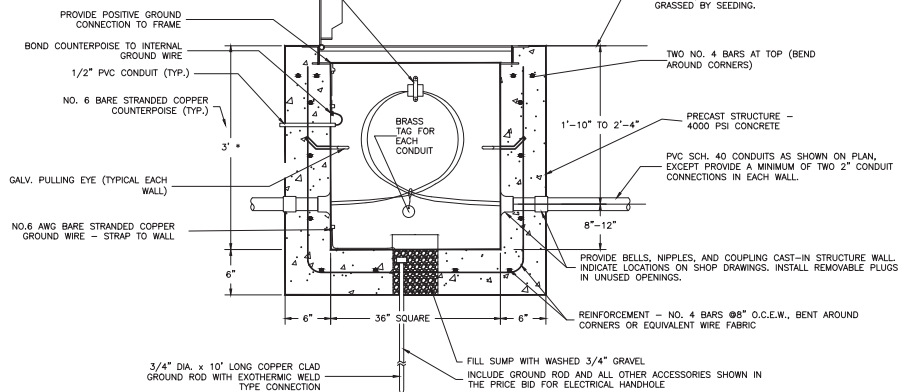
JUNCTION BOX (L-867 BASE, TYP)



L-867 JUNCTION CAN DETAIL

NTS
FOR USE AT JUNCTION, SPLICE, OR DUCT END LOCATIONS OR CONVERTING FROM DIRECT BURIED CABLE TO CABLE IN CONDUIT

CONDUCTORS SHALL BE NEATLY COILED AND STRAPPED TO WALL, USING SECTION OF RADIATOR HOSE OR EQUIVALENT UNDER GALVANIZED STRAP. UP TO EIGHT (8) CONDUCTORS (4 KITS.) MAY BE PLACED IN EACH STRAP. KEEP "LINE-VOLTAGE" CIRCUIT (SUCH AS PAPI) SEPARATE FROM SERIES CIRCUIT.



PCC ELECTRICAL PRECAST HANDHOLE

NTS

- NOTES:
1. HANDHOLE MUST SUPPORT 60,000 LB. LOADING.
 2. ALL CONCRETE AND STEEL PER P-610 SPEC.



CITY OF ORMOND BEACH

City Manager • 22 S. Beach Street • Ormond Beach • Florida • 32174 • (386) 676-3200 • Fax (386) 676-3384

CITY MANAGER MEMORANDUM

To: The Honorable Mayor Partington and City Commissioners

Through: Joyce A. Shanahan, City Manager

From: Robert Carolin, Leisure Services Director

Date: September 7, 2022

Subject: Intent to Issue RFP 2022-26 Management and Operation of the Nova Skate Court Concession

Commission Goal: Quality of Life - Other

Introduction

This item provides public notice of the City's intent to issue a Request for Proposal (RFP) 2022-26 for the management and operation of the Nova Skate Court Concession.

Background

The City Commission authorized a contract award to the sole bidder, Birdstown Surf & Skate ("Birdstown"), per Resolution number 2016-30 on December 18, 2016, for the management and operation of the concession stand at Nova Skate Court for an initial two-year term, with the option to renew for two additional two-year periods. The term will end of December 18, 2022.

Discussion

Staff intends to advertise the attached RFP 2022-26 on Sunday, September 11, 2022, and will have the bid opening on Tuesday, October 11, 2022, at 2:00 p.m. The RFP is for the operation of the concession for a maximum 49 hours per week with the following hours: Monday through Friday from 4:00 p.m. - 9:00 p.m. and Saturday and Sunday from 9:00 a.m. to 9:00 p.m. As consideration for the vendor taking on the responsibility for the management, promotion, and operation of the skate court, the RFP states that the City may agree to provide a monthly subsidy to the successful respondent. Onsite supervision assures a more family-friendly atmosphere and reduces graffiti and vandalism to the facility.

Upon receipt of proposals and selection of the vendor, staff hopes to bring the new agreement to the City Commission for approval to award a contract at the November 1, 2022 meeting. During the interim, Birdstown has agreed to continue keeping the concession in operation based on \$8.15 per hour plus \$250 weekly administrative costs,

with a maximum weekly cost of \$650.

Budget Impact

The budget impact will depend upon the bidders' proposals and the new contract award amount.

Citizen Impact

Solicitation of proposals ensures a transparent process for selecting a qualified vendor.

Recommendation

Staff intends to advertise RFP 2022-26 for the management and operation of the Nova Skate Court Concession on September 11, 2022, unless the City Commission advises otherwise.

Attachments:

- RFP 2022-26 Skate Park Concession (PDF)

REVIEWED BY:


Kelly McGuire, Finance Director 8/11/2022


Claire Whitley, Assistant City Manager 8/26/2022

APPROVED BY:


Joyce A. Shanahan, City Manager 8/29/2022



City of Ormond Beach

22 South Beach Street
Ormond Beach, Florida 32174
Telephone (386) 676-3223
Fax (386) 676-3374

REQUEST FOR PROPOSALS

PROPOSER ACKNOWLEDGEMENT FORM

THIS FORM MUST BE COMPLETED AND RETURNED WITH YOUR PROPOSAL

RFP TITLE: Management and Operation of the Nova Skate Court Concession

RFP NUMBER: 2022-26

RFP OPENING DATE & TIME: October 11, 2022 2:00 pm

RFP OPENING LOCATION: City Hall Training Room (breezeway)

PRE-SUBMITTAL MEETING: N/A

Submittals Received After the Above Date And Time Will Not Be Accepted.

PROPOSER'S NAME: _____

PROPOSER'S MAILING ADDRESS: _____

CITY-STATE-ZIP: _____

F.E.I.N.: _____

PHONE NUMBER: _____ **FAX NUMBER:** _____

If returning as a "No Submittal", please state reason (s): _____

I certify that this Proposal is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a Proposal for the same materials, services, supplies, or equipment, and is in all respects fair and made without collusion or fraud. I agree to abide by all conditions of this RFP and certify that I am authorized to sign this RFP for the Proposer. In submitting a RFP to the City of Ormond Beach, the Proposer offers and agrees that if the Proposal is accepted, the Proposer will convey, assign or transfer to the City of Ormond Beach all rights, title, and interest in and to all causes of action it may now or hereafter acquire under the Antitrust laws of the United States and the State of Florida for price fixing relating to the particular commodities or services purchased or acquired by the City of Ormond Beach. At the City's discretion, such assignment shall be made and become effective at the time the City tenders final payment to the Proposer.

X _____
AUTHORIZED SIGNATURE (MANUAL)

NAME (TYPED)

TITLE

DATED

GENERAL CONDITIONS

PUBLIC ENTITY CRIMES: A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a proposal on a contract to provide any goods or services to a public entity, may not submit a proposal on a contract with a public entity for the construction or repair of a public building or public work, may not submit Proposals on leases or real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

DISCRIMINATION: Pursuant to Section 287.134(2)(a), Florida Statutes, an entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid or proposal on a contract to provide any goods or services to a public entity, may not submit a bid or proposal on a contract with a public entity for the construction or repair of a public building or public work, may not submit bid or proposal on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity.

PUBLIC RECORDS/NON-CONFIDENTIALITY OF BIDS AND/OR PROPOSALS.

The City of Ormond Beach cannot and does not warrant the confidentiality of any information submitted in response to this solicitation. Florida law provides that municipal records shall at all times be open for personal inspection by any person, Section 119.01, F.S., The Public Records Law. Information and materials received by the City of Ormond Beach in connection with all Proposers' response shall be deemed to be public records subject to public inspection upon award, recommendation for award, or 30 days after bid opening, whichever occurs first. Section 119.071, F.S.

DISTRIBUTION OF BIDS AND RFP'S: The City uses the services of DemandStar (www.demandstar.com) to distribute its bids and RFP's on-line on the Internet. If you have received a copy of this RFP from any source other than DemandStar, please be aware that you may not have received the latest version of the RFP or any related addendums.

SUBMISSION OF RESPONSES: All Submittals shall be delivered in a sealed envelope. The Request for Proposals (RFP) number, title, and opening date shall be clearly displayed on the outside of the sealed envelope (and on the outside of any express shipping package). The delivery of said submittal to the Purchasing Office on or before the specified opening date and time is solely and strictly the responsibility of the Submitter. Any submittal received by the Purchasing Office after the specified date and time will not be accepted. Submittals must be presented on forms provided by the City. No other forms will be accepted. Responses submitted by telephone, fax or email

will not be considered. No Submittal may be modified after opening. No Submittal may be withdrawn after opening for a period of ninety (90) days unless otherwise specified.

EXECUTION OF SUBMITTAL: Submittals must contain a manual signature of authorized representative in the space(s) provided. Submittals must be typed or printed in ink. Use of erasable ink is not permitted. All corrections made by Submitter to any Submittal entry must be initialed. The company name and Federal Employer Identification Number (F.E.I.N.) number shall appear in the space(s) provided.

RFP OPENING: Submittals shall be opened and the name of the submitters shall be read publicly. No discussion of the Submittals will occur at this time.

SUBMITTAL TABULATION: The RFP Tabulation will be posted on Demandstar (www.demandstar.com). Any submitter wishing to receive a paper copy of the tabulation is required to enclose a stamped, self-addressed envelope with their Submittal response.

CLARIFICATION/CORRECTION OF RFP ENTRY: The City of Ormond Beach reserves the right to allow for the clarification of questionable entries and for the correction of obvious mistakes.

INTERPRETATION: Any questions concerning conditions and specifications shall be directed to the Purchasing Coordinator. Those interpretations which may affect the eventual outcome of this Submittal will be furnished in writing to all prospective Submitters. No interpretation shall be considered binding unless provided in writing by the City of Ormond Beach.

MINORITY POLICIES: The City of Ormond Beach, Florida, encourages the full participation of Disadvantaged and Women Business Enterprises (D&WBE) in the provision of goods and services.

LICENSES AND PERMITS: The Vendor/Contractor is responsible for obtaining all necessary permits and licenses to comply with all Federal, State, local laws, rules and regulations required to perform work in accordance with the specifications.

ADDITIONAL TERMS AND CONDITIONS: The City of Ormond Beach reserves the right to reject Submittals containing any additional terms or conditions not specifically requested in the original conditions and specifications.

TAXES: The City of Ormond Beach is exempt from Federal Excise Taxes and all sales taxes.

SILENCE OF SPECIFICATIONS: The apparent silence of any specification and any supplemental specifications as to any details or the omission from same of any detailed description concerning any point shall be regarded as meaning that only the best commercial practices are to prevail and that only materials of first quality and correct

type, size, and design are to be used. All workmanship is to be first quality. All interpretations of the specifications shall be made upon the basis of this statement.

ASSIGNMENT: Any purchase order or contract issued pursuant to a Submittal and the monies which may become due hereunder are not assignable except with the prior written approval of the City Manager or City Commissioner, whichever authorized the purchase or Agreement.

LIABILITY: The Contractor shall hold and save the City of Ormond Beach, its officers, agents, and employees harmless against claims by third parties resulting from the Contractor's or supplier's breach of contract or negligence, including all attorney's fees and costs, and shall pay any and all damages, fees, and costs assessed on behalf of the City. The City expressly reserves all rights, privileges and benefits of sovereign immunity.

PATENTS AND ROYALTIES: The Contractor, without exception, shall indemnify and save harmless the City of Ormond Beach and its employees from liability of any kind, including cost and expenses for or on account of any copyrighted, patented, or unpatented invention, process, or article manufactured or used in the performance of the contract, including its use by the City of Ormond Beach. If the Contractor uses any design, device, or materials covered by letters, patent or copyright, it is mutually agreed and understood without exception that the Submittal prices shall include all royalties or cost arising from the use of such design, device, or materials in any way involved in the work.

NON-APPROPRIATION OF FUNDS: In the event sufficient budget funds are not available for a new fiscal period, the CITY shall notify the VENDOR/CONTRACTOR of such occurrence and the contract shall terminate on the last day of the current fiscal period, without any penalty or expense to the CITY of any kind whatsoever.

AWARDS: The CITY reserves the right, in its sole discretion, as the best interest of the CITY may require, to make award(s) by individual item, group of items, all or none, or a combination thereof; on a geographical basis and/or with one or more vendors, contractors, consultants or specialists; or to reject any and all Submittals or waive any minor irregularity or technicality in the Submittals received.

OTHER AGENCIES: All Bidder(s) awarded contracts from this bid or proposal may, permit any municipality or other government agency to participate in the contract under the same prices, terms, and conditions, if agreed to by both parties.

It is understood that at no time will any city, municipality, or other agency be obligated for placing an order for any other city, municipality, or agency: nor will any city, municipality, or agency be obligated for any bills incurred by any other city, municipality, or agency. Further, it is understood that each agency will issue its own purchase orders to the awarded bidder(s).

COMPLIANCE WITH FLORIDA PUBLIC RECORDS LAW:

Contractor expressly agrees that it shall comply with the public records law provided in Florida Statutes, Chapter 119, and specifically to:

- (a) Keep and maintain public records required by the City to perform the contracted service.
- (b) Upon request from the City Clerk, provide the City with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes, or as otherwise provided by law.
- (c) Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract if the contractor does not transfer the records to the City.
- (d) Upon completion of the contract, transfer at no cost, to the City all public records in possession of the contractor or keep and maintain public records required by the City to perform the service. If the contractor transfers all public records to the City upon completion of the contract, the contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the contractor keeps and maintains public records upon the completion of the contract, the contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the City, upon request from the City Clerk, in a format that is compatible with the information technology systems of the City.
- (e) Failure of the Contractor to comply with Public Records Law as provided by Florida Statutes, Chapter 119, shall subject the Contractor to penalties under Chapter 119.10 and subject this Agreement to termination for cause by the City.

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:

CITY CLERK
22 SOUTH BEACH STREET
ORMOND BEACH, FLORIDA 32174
(386)676-0311
CITYCLERK@ORMONDBEACH.ORG
or online at
<https://www.ormondbeach.org/prr>

Ref: Fla. Stat. §119.0701(2016)

THE CITY OF ORMOND BEACH RESERVES THE RIGHT TO REJECT ANY OR ALL PROPOSALS, AND TO WAIVE INFORMALITIES AS MAY BE DEEMED TO BE IN THE BEST INTEREST OF THE CITY.

TERMS AND CONDITIONS

- A. The City of Ormond Beach reserves the right without prejudice to reject any or all proposals, to request clarification of information submitted, and to request additional information of one or more proposers.
- B. The City reserves the right to award the contract to the next most qualified firm if the successful firm fails to execute a contract within two weeks after the award of the contract by the City Commission.
- C. In accordance with federal, State, and local regulations, the firm shall not discriminate under the contract against any person.
- D. The firm shall not assign or transfer any interest in the contract without prior approval of the City Commission.
- E. The City reserves the right to terminate the contract at any time due to the vendor's default under terms of agreement.
- F. Submission of a proposal indicates acceptance by the firm of the conditions contained in this Request for Proposals unless clearly and specifically noted in the proposal submitted and confirmed in the contract between the City of Ormond Beach and the firm selected.
- G. Submittals should include a copy of firm's insurance certificate, Conflict, Non-Conflict of Interest Statement/Litigation Statement, Drug Free Workplace Certificate and E-Verify Statement.

INTRODUCTION

Nova Skate Court Concession

The City of Ormond Beach is soliciting competitive sealed proposals from qualified skate court management firms or individuals for the management, promotion, and operation of the Nova Skate Court Concession, located at 440 N. Nova Road, Ormond Beach, Florida.

The proposer shall demonstrate the ability to perform in this type of business and clearly articulate achievable plans for operation.

I. DESCRIPTION OF SKATE COURT FACILITY

The vendor/restroom building will be available to the successful respondent as an office, area for food, sundries and merchandise sales and rental, a check in area for skate court attendees, and shared public restrooms. The skate court will provide 22,000 sq. ft. skate area to participants during the hours of operation.

II. OBJECTIVE OF THE REQUEST FOR PROPOSALS

The objective of this Request for Proposals (RFP) is to award a contractual agreement to the qualified firm or individual(s) who will accomplish the following:

- A. Provide a check-in service for the free access to the skate court assuring that all participants have a City-approved release and waiver of liability on file, that they understand the rules of the skate court and that children under 16 wear the appropriate safety equipment upon entering the skate court;
- B. Optimize visitor participation to the Nova Skate Court by providing a quality facility, friendly service, and by purchasing and providing quality food, sundries and skate court related merchandise or services, at reasonable prices, thus resulting in the highest quality service possible;
- C. Acquire, and maintain any furnishings and equipment necessary to create and maintain an attractive and inviting facility;
- D. Provide an accurate and verifiable system to account for number of users and for all revenue collected;
- E. Provide an accurate and verifiable system to determine the dates and times of operation;
- F. Display awareness of the demographics and special needs of the community in providing services;

III. SCOPE OF SERVICES

The Scope of Services of this Request for Proposals (RFP) is as follows:

Concession Operations:

- A. The successful respondent shall be responsible for reviewing and complying with all laws, regulations, and ordinances applicable to Concessionaires.
- B. The successful respondent shall provide all necessary furnishings, equipment, food and merchandise related to operating and managing a successful skate court

concession business; for example, furniture, vending machines, water, food, skating and/or bicycling equipment, safety equipment for purchase and for rent, accessories and other City approved merchandise. Purchase, pricing, sale, rental and inventory control are the sole responsibility of the contracted Concessionaire. The Concessionaire shall make any repairs caused by his/her negligence at own expense. Existing items within the designated concession stand will remain the City's throughout the duration of the contract. Equipment or replacement equipment desired by the Concessionaire will be acquired and installed at their own expense. If any public agency having jurisdiction over such matters require safety or other improvements to any of the equipment used by the Concessionaire in their operations, Concessionaire shall be required to affect these improvements at their sole expense. For any desired modifications to existing concession stand Concessionaire must obtain prior approval by the Director of Leisure Services or his/her designee. All approved modifications become property of the City of Ormond Beach.

- C. The public's right shall not be infringed upon by an activity of the Concessionaire or any of its employees, agents, or subcontractors. The activities of the Concessionaire shall be such as to render service to the public in a dignified manner.
- D. The Concessionaire shall use no undue pressure, coercion or persuasion in an attempt to influence the public to use the services or products of the Concessionaire.
- E. Except as expressly permitted by the resulting contract, solicitation outside of the designated concession area is prohibited.
- F. The Concessionaire shall operate in a manner that will ensure the convenience and safety of the public.
- G. All employees, officers, agents, and subcontractors of the Concessionaire shall be neatly attired in uniforms that properly identify them as official City of Ormond Beach Concessionaire personnel.
- H. The design of such uniforms shall be subject to the prior approval of the City of Ormond Beach's Director of Leisure Services or his/her designee. All uniforms worn shall be maintained in a neat and clean manner.
- I. All employees, officers, agents, and subcontractors of the Concessionaire shall wear photo identification badges that will be furnished by and at the expense of the awarded Respondent.
- J. The City of Ormond Beach's Director of Leisure Services or his designee shall have the right to require any employee(s) of the Concessionaire to be permanently removed from the premises whenever it appears to be in the best interest of the City of Ormond Beach.
- K. The Concessionaire shall be required to participate in any food, beverage and product sponsorship agreements currently in place with the City of Ormond Beach or any which may be put in place during the term of the Contract.
- L. The Concessionaire shall offer quality products at competitive prices at least consistent with similar goods and services presently being offered locally in other local facilities.
- M. All pricing for all goods and services are to be posted and visible for all customers.
- N. The Concessionaire shall be responsible to provide a check-in service assuring that all participants understand the rules of the skate court and have appropriate safety equipment upon entering the skate court. Safety equipment shall be available for rent through Concessionaire.

Maintenance:

- A. The Concessionaire shall maintain all concession facilities and equipment in a clean and sanitary condition. All food and beverage facilities shall be in accordance with all applicable rules, ordinances and/or laws pertinent to the health authorities of Volusia County, the Florida State Board of Health and any other health department having jurisdiction.
- B. The Concessionaire shall be responsible for maintaining a clean, safe and appealing environment in and around the concession area. The Concessionaire shall develop and adhere to a recycling program approved by the City of Ormond Beach.

Personnel and Experience of the Concessionaire:

- A. All persons involved in concession activities are required to undergo a background check and drug test at the Concessionaire's expense. In addition, it is the Concessionaire's responsibility to insure all new hires, officers, and agents, are communicated to the City of Ormond Beach's Director of Leisure Services or his/her designee after completion of the background checks and drug testing. It is the responsibility of the successful Respondent to issue individual identification badges upon successful completion of the background check and drug test. No individual shall be permitted to work in the park without this identification. The City of Ormond Beach reserves the right to request random drug testing of all of the successful Respondent's personnel.
- B. The City of Ormond Beach includes a diverse population and the successful Respondent shall reflect this diversity by encouraging diversity in employment of concessions.
- C. The successful Respondent shall have documented experience in the applicable industry for the goods and services which will be managed. This documentation and references are a requirement and evaluation factor of this RFP.

Concession Subsidy

As consideration for the City of Ormond Beach granting the concession privileges to the successful Respondent (Concessionaire), the Respondent agrees to manage, promote and operate the Nova Skate Court Concession in accordance with the Scope of Services spelled out within this RFP under Section III and to meet the Objective of the Proposal under Section II within this RFP.

As consideration for the Respondent's taking on the responsibility for the management, promotion, and operation of the Nova Skate Court Concession, located at 440 N. Nova Road, Ormond Beach, Florida the City may agree to provide a monthly subsidy to successful Respondent.

Reporting and Financials

- A. The successful Respondent shall ensure all concession venues are equipped with a cash register system with duplicate receipt capability.

- B. Concessionaire shall provide quarterly income statements and will be required to send these reports electronically to the City of Ormond Beach's Director of Leisure Services and City of Ormond Beach Finance Director.
- C. Respondent shall include in the quarterly report, days and times worked for the reporting month. This information shall be verifiable through the cash register system.
- D. The City of Ormond Beach reserves the right to audit any financial documentation at any time.

Point of Sale Items

- A. The successful Respondent is expected to purchase and provide for sale quality pre-packaged food, drink and sundry items; for example, snack items, potato chips, crackers, canned sodas, water, suntan lotion, etc., to meet the needs of the visiting public. No glass containers are to be sold. Simple menu items should be offered at competitive prices. Alcoholic beverages and nicotine products are not permitted on the premises. Each proposer will be required to include a sample listing of products to be offered with a proposed price list corresponding to each product.
- B. The successful Respondent will be encouraged to purchase and provide for sale City-approved merchandise including skating and/or bicycling apparel, equipment, safety equipment, accessories, and any related items deemed appropriate for sale or rent to the visiting public.
- C. The successful Respondent shall comply with all federal, state and local rules and regulations regarding food handling, operation of a concession business, and any other laws that would apply to operating a similar type of business. Special attention must be paid to the regulations outlined by the State of Florida, Department of Professional and Business Regulation, Division of Hotels and Restaurants.

Utilities

- A. The City shall pay for trash, electricity, telephone, water, and sewer. Telephone numbers shall be placed in the name of the facility and shall not be transferable to any other location.

Maintenance

- A. The City of Ormond Beach will retain ownership of the Nova Skate Court Concession and will be responsible for the daily cleaning and janitorial services for the building, concession, restrooms, office, and business operations areas in addition to the routine maintenance of courts and equipment and other routine external cleaning and maintenance and for major internal/external repairs to the building including, electrical system, heating/air conditioning system, and lighting and irrigation.

IV. TERM OF AGREEMENT

The initial term of this agreement shall be for a period of two (2) years and will be automatically renewed for additional two-year periods thereafter unless either party provides at least ninety (90) days prior written notice to the other party of their intent not to renew the agreement.

V. QUALIFICATIONS

In order to be considered responsive, Proposers shall, at a minimum, demonstrate compliance with the following Pre-Qualification Criteria in their proposal. All requested documentation and/or information shall be provided in the Proposal to confirm that the Proposer has satisfied the Prequalification Criteria in order to be properly evaluated as listed herein. Proposers failing to meet these requirements shall be deemed non-responsive. The Proposer shall, at the time of Proposal submittal, time of award, and throughout the duration of the Contract, continue to meet the following Pre-qualification Criteria requirements.

- Must complete all attached contract documents.
- Must submit a sample listing of items to be for sale or rent including pricing
- The Concessionaire shall have proven successful leadership (one year in a like business) in offering to the public similar services as those outlined. References are required as per the defined Evaluation Criteria listed in this package and shall be submitted on the forms provided with the proposal. A minimum of one (1)/maximum of five (5) customer references should include name and address of agency, length of contract, contact name, telephone number, fax number and email address.

At time of contract award the Proposer must be a registered Concessionaire in Florida and must submit a copy of license.

VI. PROPOSAL PROCESS

The firm or individual(s) interested in this contract should include a response to each of the following items in their written proposal:

1. A Submittal Letter signed by authorized agent of the firm with documentation, such as a Memorandum of Authority, that this individual is authorized to commit the firm to a Contract. Clearly state the name, title and contact information for the individual designated by the firm as contact point for any requests for additional information required by the City.
2. A profile of the firm, including:
 - a. A brief history of the business.
 - b. Organizational structure of business.
 - c. Designation of the legal entity by which the business operates (i.e., sole proprietorship, partnership, limited liability partnership, corporation, Limited Liability Corporation, etc.).
 - d. Ownership interests.
 - e. Active business venues (counties, states, cities, etc.).
 - f. Present status and projected direction of business.
 - g. The overall qualifications of the business to provide the services requested.
 - h. The qualifications of the firm's employees who will work on this contract.
 - i. Documentation from the appropriate state's agency confirming firm's legal entity type (i.e., sole proprietorship, partnership, limited liability partnership, corporation, Limited Liability Corporation, etc.). For non-Florida businesses submit documentation from the state in which the business was formed and documentation from the State of Florida providing authorization to perform business in the state of Florida.

- j. Federal Identification Number of firm.
- 3. Business Plan

The business plan should include the following:

 - a. Marketing plans
 - a. Transition plan and timeline
- 4. References

List at least one (1) recent reference where the proposed services have been used within the past two years.
- 5. Business Tax Receipt (BTR)

To be responsive to this solicitation, each Respondent who is currently required to have a Business Tax Receipt (BTR) at the time of submittal shall provide a copy of their current BTR in their response to this solicitation.
- 6. Concessionaire Registration/License

Respondent must confirm that they will properly register as a Concessionaire in the State of Florida if they are the successful Respondent
- 7. Pricing and Fees: Prices are at the Contractor's discretion subject to approval by the City of Ormond Beach. Describe your proposed services and fees, private and group lessons, clinics, youth programs, rentals, merchandise, etc. A sample listing/menu of items and services including pricing is to be provided with proposal.
- 8. Capital Improvements (if any)

The City of Ormond Beach shall provide Capital Improvements to the Nova Skate Court as they relate to the established master plan, if funds are available. Any other capital improvements needed by the Contractor would need to be placed in a formal request for approval by the City of Ormond Beach. However, any improvements that would enhance the public's enjoyment of the facility will be considered. Any capital improvements approved shall become the property of the City. If proposing capital improvements, the Contractor shall include in their proposals, a timeline which details the design and construction aspects of proposed improvements, specific equipment, products or vendors to be used, and operating alternatives for continuing service during construction, if feasible. Permits and necessary requirements must conform to local City and State codes and ordinances. Award of the contract shall not be deemed as approval of the proposed improvements, and all laws, including, but not limited to, those requiring environmental review of projects, must be complied with before the successful proposer will be permitted to make any capital improvements to the Nova Skate Court.
- 9. Confirmation of Operational Hours: The operational hours for the skatepark concession have been established as follows:

Monday through Friday 4:00pm to 9:00pm
Saturday and Sunday Noon to 9:00pm
- 10. The selected Contractor must be willing to enter into a written Agreement with the City which incorporates all terms and conditions set forth in this RFP, as well as all applicable provisions in the Department's Standard Conditions. The Contractor shall review said document in its entirety, acknowledging the definitions, duties, and ongoing requirements of the Contractor, along with the limited responsibilities of the Department.

VII. PROPOSAL SUBMITTAL

Please check the contents of your RFP package carefully to ensure that you have in your possession all the necessary documents, as referenced within this RFP, including any addenda. If you are missing any items, please contact the City's Purchasing Coordinator at 386-676-3223, or by e-mail at: rob.hart@ormondbeach.org.

Submission of a proposal pursuant to this RFP shall constitute acknowledgement and acceptance of the terms and conditions set forth herein. Portions of this RFP and the contents of the proposal submitted by the successful proposer may become contractual obligations if an Agreement is awarded. Failure of the successful proposer to accept these obligations may result in cancellation of the award of contract.

The City reserves the right to withdraw this RFP at any time without prior notice. All proposals submitted in response to this RFP become the property of the City of Ormond Beach.

Deadline for Submission: To be considered, proposals must be received no later than October 11, 2022 2:00pm.

Inquiries: Technical questions may arise as firms are preparing their proposals. The City will accept written inquiries regarding this RFP until seven (7) working days prior to the RFP due date. Questions received after that time will not be responded to. Answers to questions that warrant attention of all the potential proposers will be distributed in the form of an addendum.

Please direct written inquiries to:

Rob Hart
City of Ormond Beach
22 South Beach Street, Room 101
Ormond Beach, Florida 32174
Telephone: (386) 676-3223
FAX: (386) 676-3374
rob.hart@ormondbeach.org

Signature Requirements: Proposals must be signed by a duly authorized official(s) of the proposing firm. Consortiums, joint ventures, or teams submitting proposals, although permitted and encouraged, will not be considered responsive unless it is established that all contractual responsibility rests solely with one firm or legal entity which shall not be a subsidiary or affiliate with limited resources. Each proposal shall indicate the entity responsible for execution on behalf of the proposal team.

Proposal Delivery: The City of must receive one (1) signed original of the complete proposal packet and one (1) complete electronic pdf format copy, by the closing date and time. Submit proposals to: Rob Hart, Purchasing Coordinator, City Hall, 22 South Beach Street, Room 101, Ormond Beach, FL 32174. The RFP title and number shall be plainly marked on the outside of the delivery envelope or package. It is solely the responsibility of the submitter to ensure that the Proposal is delivered on or before the specified date and time. Late proposals will not be accepted.

Addenda and Supplements to the Request for Proposals (RFP): In the event that it becomes necessary to revise any part of this RFP, or if additional information is necessary to enable the

proposing firm to make an adequate interpretation of the provisions of this RFP, a supplement to the RFP will be provided to each firm that has requested a copy of this document.

Rejection Rights: The City of Ormond Beach reserves the right, at any time, to modify, waive or otherwise vary the terms and conditions of this RFP including, but not limited to, the deadlines for submission and submission requirements. The City further reserves the right to reject any or all submittals, to cancel or withdraw this RFP at any time and to negotiate with any party prior to or after submittal of proposals. Selection is also dependent upon the negotiation of a mutually acceptable contract with the successful proposers.

Cost of Proposal Preparation: No reimbursement will be made by the City of Ormond Beach for any costs incurred in the preparation of the proposal or presentation.

Proposals to be in Effect: Each proposal shall state that it is valid for a period of not less than 90 days from date of receipt.

Evaluation Process and Criteria

The City of Ormond Beach will conduct an evaluation of all proposals, submitted by the deadline, to determine compliance with proposal requirements and mandatory document submissions. The committee will evaluate proposals and select the proposer that meets the best interest of the City, and will make a recommendation of Award of Contract to the City Commission.

Evaluation Criteria:

For the purposes of further evaluation, the responsive proposals will be evaluated on, but shall not be limited to, consideration of the following criteria:

- Qualifications and experience of proposer (20 points).
- Vision for Nova Skate Court Concession, including business plan and marketing. (15 points)
- Monthly subsidy requested by Respondent, if any. (25 points)
- Confirmation of Operational hours as shown (15 points)
- References (20 points)
- Confirmation that Licensing and Insurance requirements will be met (5 points)

Responsive proposals will be ranked in each of the criteria above. The Department may engage outside experts to compose a review panel. Interviews may be scheduled as needed.

The City reserves the following rights:

- Modify, extend, or cancel this RFP at any time to obtain additional proposals or for any other reason the City determines to be in its best interest;
- Issue a new RFP with terms and conditions that are the same, similar or substantially different as those set forth in this or a previous RFP in order to obtain additional proposals or for any other reason the City determines to be in its best interest;
- Conduct pre-award discussion and/or pre-award negotiations with any or all responsive and responsible proposer(s) who submit proposals determined to be reasonably

acceptable of being selected for award; and, conduct personal interviews or require presentations of any or all proposer(s) prior to selection.

- Request that proposer(s) furnish additional information as the City may reasonably require.
- Accept or reject qualifications or proposals in part or whole, and/or waive any defect or deficiency in any proposal, if in the City's sole judgment, the defect or deficiency is not material in response to this RFP;
- Limit and/or determine the actual contract services to be included in a contract.
- Engage outside experts to assist staff in evaluating the merits and viability of each proposer.
- Obtain information for use in evaluating submittals from any source.
- Verify the information received in the proposal. If a proposer knowingly and willfully submits false information or data, the City of Ormond Beach reserves the right to reject that proposal. If it is determined that an Agreement was awarded as a result of false statements or other data submitted in response to this RFP, the City of Ormond Beach reserves the right to immediately terminate the applicable contract with no liability.

**City of Ormond Beach
Request for Proposals (RFP)
Management and Operation of the Nova Skate Court Concession
(RFP No. 2022 -26)**

RFP RESPONSE FORM

THIS RESPONSE IS SUBMITTED TO:

Purchasing Coordinator
City of Ormond Beach
22 S. Beach Street, Room 101
Ormond Beach, Florida 32174

The undersigned SUBMITTER proposes and agrees, if this Submittal is accepted, to enter into a Contract with the CITY that reflects the items of this Request for Proposal (RFP) and to provide all services, as specified or indicated in the RFP Documents, in full accordance with the terms and conditions set forth in therein.

SUBMITTER accepts all of the terms and conditions of the General Conditions. SUBMITTER will sign the Contract) and submit the Contract security (when applicable) and other documents required by the Contract Documents within ten (10) days after the date of CITY's Notice of Award.

In submitting this information, SUBMITTER represents, as more fully set forth in the Agreement, that:

SUBMITTER has examined copies of all the RFP Documents and of the following Addenda:

Addendum Date

Addendum Number

Receipt of all of which is hereby acknowledged.

This Submittal is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; SUBMITTER has not directly or indirectly induced or solicited any other Submitter to submit a false or sham Submittal; SUBMITTER has not solicited or induced any person, firm or a corporation to refrain from bidding; and SUBMITTER has not sought by collusion to obtain for himself any advantage over any other Bidder or over the CITY.

THIS RESPONSE IS SUBMITTED BY:

COMPANY NAME: _____

VENDOR/CONTRACTOR LICENSE NUMBER: _____

ADDRESS: _____

PHONE NO.: _____ FAX NO.: _____

SUBMITTER'S NAME: _____

(Typed or Printed in Ink)

TITLE: _____

AUTHORIZED SIGNATURE: I, _____ hereby
(Original signature required in each document)

declare that I have read and fully understand the RFP Documents and, including the General Conditions and the Scope of Work, and that I am duly authorized to sign and submit this Submittal.

The CITY reserves the right to reject any and all Submittals, to waive informalities, and to accept any Submittal or parts thereof as the CITY, in its sole discretion, determines to be in the best interest of the CITY.

PROPOSER: PLEASE ENSURE THAT YOU HAVE SIGNED THE RFP RESPONSE FORM OF THIS REQUEST FOR PROPOSAL. OMISSION OF A SIGNATURE ON THAT PAGE WILL RESULT IN REJECTION OF YOUR PROPOSAL.

THIS PAGE MUST BE COMPLETED AND RETURNED WITH YOUR PROPOSAL

City of Ormond Beach
CONFLICT, NON-CONFLICT OF INTEREST STATEMENT
LITIGATION STATEMENT

1.

- [] To the best of our knowledge, the undersigned firm has no potential conflicts of interest due to any other clients or contracts for this project.
- [] The undersigned firm, by attachment to this form, submits information which may be a potential conflict of interest due to other clients or contracts for this project.

2.

- [] The undersigned firm has had no litigation on any project in the last five (5) years.
- [] The undersigned firm, by attachment to this form, submits a summary and disposition of individual cases of litigation during the past five (5) years.

COMPANY NAME

AUTHORIZED SIGNATURE

SIGNER'S NAME (PRINT OR TYPE)

TITLE

DATE

THIS PAGE MUST BE COMPLETED AND RETURNED WITH YOUR PROPOSAL

City of Ormond Beach
Request for Proposals (RFP)
Management and Operation of the Nova Skate Court Concession
(RFP No. 2022 -26)
CITY OF ORMOND BEACH, FLORIDA
DRUG-FREE WORKPLACE CERTIFICATION

IDENTICAL OR “TIE” SUBMITTALS: Preference shall be given to businesses with drug-free workplace programs. Whenever two or more proposals which are equal in respect to price, quality, and service are received by the State or by any political subdivision for the procurement of commodities or contractual services, a bid received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. Established procedures for processing tie bids will be followed if none of the tied vendors have a drug-free workplace program. In order to have a drug-free workplace program, a business shall:

- 1) Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
- 2) Inform employees about the dangers of drug abuse in the workplace, the business’s policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violation.
- 3) Give each employee that engages in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).
- 4) In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) calendar days after such conviction.
- 5) Impose sanctions on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee’s community, by any employee who is so convicted.
- 6) Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

Company Name

Authorized Signature

Print Name

City of Ormond Beach
Request for Proposals (RFP)
Management and Operation of the Nova Skate Court Concession
(RFP No. 2022-26)

VERIFICATION OF EMPLOYMENT STATUS USING E-VERIFY SYSTEM

1. Undersigned firm warrants it **IS** currently registered with the U.S. Department of Homeland Security's E-Verify system, **and** is compliant with the requirements of Sections 448.09 and 448.095, *Florida Statutes*.
2. Undersigned firm warrants it **has not** had any contracts terminated as a result of violations of Sections 448.09 or 448.095, *Florida Statutes*, that prohibit it from contracting with a public agency.
3. Undersigned firm warrants that if it enters into an agreement with a subcontractor, an express provision shall be included in all of its subcontracts requiring subcontractors, who perform work or provide services pursuant to the contract, to use the E-Verify system to verify employment eligibility of all new employees hired by the subcontractor during the contract term.
4. Undersigned firm understands that any subcontractor must provide the contractor with an affidavit stating that the subcontractor does not employ, contract with, or subcontract with an unauthorized alien, and the contractor understands it shall maintain any such affidavits for the duration of the contract, and the contract with the subcontractor must be immediately terminated if the City has a good faith belief that the subcontractor knowingly violated Section 448.09 (1), *Florida Statutes*.
5. Undersigned firm understands that in the event the City has a good faith belief that the contractor has knowingly violated Section 448.09 (1), *Florida Statutes*, the City shall terminate the contract, and the contractor may not be awarded a public contract for a period of at least one (1) year after the date of termination. The contractor may be held liable for any additional costs incurred by the City as a result of termination of the contract.

 COMPANY NAME

 AUTHORIZED SIGNATURE

 NAME

 TITLE

 DATE

REGISTRATION AND INSURANCE REQUIREMENTS FOR VENDOR/CONTRACTOR WORKING ON CITY PROJECTS

Registration Requirements

VENDOR'S doing business within the City Limits must be registered with the City. Requirements for registering a business are as follows:

Copy of City Business Tax Receipt (where your business is located).

Certificate of Insurance showing General Liability and Workers' Comp (or State Workers' Comp Exemption form).

Application Fee: \$25.00 For more information, contact the City's Business Tax Receipt official.

State Certified/Registered Contractors

All registered contractors must be registered with Volusia County. Volusia County Contractor Licensing, 123 W. Indiana Ave., Rm 203, Deland, FL 32720 (386) 736-5957 Opt. 2 –(386) 248-8158 Fax. Certified Contractors have the option of registering with Volusia County, or providing information directly to the business tax receipt official.

If you have any questions regarding the above requirements, please contact the business tax receipt official at (386) 676-3370.

EXHIBIT A Risk Management and Insurance Requirements

A. Payment and Performance Bonds

1. Except as otherwise provided herein, the Contractor shall, prior to beginning performance, deliver to the City, and the City shall record in the public records of Volusia County, Florida, the Contractor's Payment and Performance Bond in an amount equal to the full amount of the Contract.
2. (a) Payment and Performance Bonds shall not be required for any contract except those which are for the construction of a public building, for the prosecution and completion of a public work (as described in Section 180.06, **Florida Statutes**, as amended from time to time) or for repairs upon a public building or public work (as described in Section 180.06, **Florida Statutes**, as amended from time to time).
- (b) With respect to those Contracts for which Payment and Performance Bonds are otherwise required:
 - i. Unless the City Manager, or his designee, determines such Bond to be necessary to protect the interests of the City, no Contractor shall be required to provide a Payment and

Performance Bond for any Contract which is for \$25,000.00 or less.

- ii. Upon the request of the contractor, good cause shown by the Contractor, and a determination that the public health, safety and welfare will be sufficiently protected, the City Commission may exempt the contractor from the requirement of providing a Payment and Performance Bond for any Contract which is for more than \$25,000.00 but is less than \$200,000.00.
- 3. The Payment and Performance Bond shall list the Contractor as Principal and be issued by a surety insurer authorized to do business in Florida as a surety and listed as an acceptable surety in the Federal Register.
- 4. The Payment and Performance Bond shall be executed pursuant to Section 255.05, **Florida Statutes**, and be in a form substantially similar to the form set forth in Section 255.05(3), **Florida Statutes**.
- 5. The Payment and Performance Bond shall specifically provide coverage for delay damages due to a default by the Contractor.
- 6. The Payment and Performance Bond shall not make the Contract part of the Bond agreement.
- 7. In lieu of the Payment and Performance Bond, the Contractor may file with the Finance Director of the City, in an amount equal to the full amount of the Contract, cash, a money order, a certified check, a cashier's check, an irrevocable letter of credit, or a security of a type listed in Part II, Chapter 625, **Florida Statutes**.
- 8. In the event the surety on any Payment and Performance Bond furnished by the Contractor is declared bankrupt or becomes insolvent, or its right to do business in the State of Florida is terminated, the Contractor shall, within five (5) working days thereafter, substitute another Payment and Performance Bond and surety acceptable to the City.
- 9. The Contractor is totally and solely responsible for keeping its surety informed as to the Base Contract Price as bid, significant changes in the Project Scope, and the overall progress and completion of the Project for the entire life of the Contract.
- 10. The payment and performance bond requirements stated herein above shall not be applicable to service-related contracts unless otherwise determined by the City Manager in order to protect the health, safety and welfare of the general public.

B. Contractual Provisions Relative to Risk Management

All contracts for any public works to be performed, and service-related contracts, for or on behalf of the City shall include at a minimum, the following, or substantially similar, provisions:

1. Hold Harmless and Indemnity

The Contractor agrees to assume liability for and indemnify, hold harmless, and defend the City, its commissioners, mayor, officers, employees, agents, and attorneys of, from, and against all liability and expense, including reasonable attorney's fees, in connection with any and all claims, demands, damages, actions, causes of action, and suits in equity of whatever kind or nature, including claims for personal injury, property damage, equitable relief, or loss of use, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the Contractor, its agents, officers, contractors, subcontractors, employees, or anyone else employed or utilized by the Contractor in the performance of this Contract. The Contractor's liability hereunder shall include all attorney's fees and costs incurred by the City in the enforcement of this provision.

2. Payment on Behalf of City

The Contractor shall pay all costs of the City's legal defense, as may be selected by the City, for all claims described in the Hold Harmless paragraph. Such payment on behalf of the City shall be in addition to any and all other legal remedies available to the City and shall not be considered to be the City's exclusive remedy.

3. Loss Control/Safety

Precaution shall be exercised at all times by the Contractor for the protection of all persons, including employees and property. The Contractor shall comply with all applicable laws, regulations and ordinances related to safety and health, shall make special efforts to detect hazardous conditions, and shall take prompt action when loss control/safety measures are reasonably necessary. The City may order work to be stopped if conditions exist that present an immediate danger to persons or property. The Contractor acknowledges that such work stoppage will not shift responsibility for any damages from the Contractor to the City.

4. Service Bond

For Service-related contracts only, the City may require the Contractor to secure a service bond with a minimum \$25,000 coverage limit for the period of the service agreement. The service bond covers dishonest acts of the contractor's employees against the City. A copy of the bond shall be provided to the City when the agreement commences. Service-related contracts include and are not limited to businesses providing janitorial, pest control, general repair, security, carpet cleaning, locksmith,

temporary employment, painting, moving services or other contracts as determined in the discretion of the Risk Manager as necessary to minimize loss.

C. Contractor's Insurance

1. General

The Contractor, including service-related contractors, shall purchase and maintain for the entire life of the Project, including any and all approved time extensions, until its final acceptance by the City, such insurance as will protect the Contractor from claims under Workers' Compensation, disability benefit laws or other similar employee benefit laws; from claims for damages because of bodily injury, occupational sickness or disease, or death of Contractor's employees; from claims insured by usual or unusual injury liability coverage; from claims or injury to or destruction of tangible property and from claims insured by usual Commercial General Liability coverage. This includes loss of use resulting therefrom, any or all of which may arise out of the Contractor's operations under the Contract Documents, whether such operations be by the Contractor, by any Subcontractor, or by anyone directly or indirectly employed by any of them or for whose acts any of them may be legally liable. The Contractor's deductibles/self-insured retentions shall be disclosed to the City and may be disapproved by the City, and may be reduced or eliminated at the sole discretion of the City. The Contractor is responsible for the amount of any deductible or self-insured retention.

2. Types of Insurance and Limits of Liability

The insurance required herein shall be written for not less than any limits of liability specified and incorporated as part of the Contract Documents or as required by law, whichever is greater, and shall include and not limited to the following:

- (a)** Workers' Compensation Insurance in statutory limits for the State of Florida with Coverage B - Employer's Liability limits of not less than:

\$100,000 Each Accident Bodily Injury by Accident
 \$100,000 Each Employee Bodily Injury by Disease
 \$500,000 Policy Limit Bodily Injury by Disease

Certificate of Exemptions. If the contractor has a State-issued Certificate of Exemption, the contractor may provide a copy in place of the requirement for coverage. However, if the contractor subcontracts or retains any other person or entity to perform under the contract, that person or entity must provide proof of workers' compensation insurance as required by law or provide a Certificate of Exemption.

It is the intent of the City that any individual who either contracts directly with the city or performs any work on behalf of any such contractor be covered by workers' compensation insurance or have a valid exemption from said coverage.

the (If applicable to the Project, the policy must include benefits under the United States Longshoremen's and Harbor Workers' Act and Jones Act coverage--all maritime coverage.)

CG (b) Commercial General Liability Insurance shall be written on a coverage form as broad as Insurance Services Office (ISO) Form 00 01 11 85, or its successor form, including but not limited to the following coverage (any deviation shall be noted on the Certificates of Insurance):

- a. Premises, Operations, Products and Completed Operations
- b. Owners' & Contractors' Protective
- c. Products & Completed Operation
- d. Explosion, Collapse & Underground Conditions
- e. Blanket Contractual Liability
- f. Personal Injury Liability
- g. Broad Form Property Damage Endorsement, including Completed Operations
- h. Independent Contractors
- i. Watercraft--Owned and Non-Owned (if applicable, endorsement must be included in General Liability policy or a separate Protection & Indemnity Policy must be written)
- j. Pollution Liability (if applicable)
- k. Asbestos Abatement (if applicable)
- l. Fire Damage Liability

Certain coverage outlined above may not be required if they do not relate to the Project, as may be determined at the sole discretion of the City.

the Commercial General Liability Coverage shall be written on an occurrence basis and the limits shall be no less and not limited to following amounts:

Limits (not less than)

\$1 Million Each Occurrence

\$2 Million General Aggregate

\$1 Million Aggregate Products & Completed Operations

NOTE: Commercial General Liability Coverage must be purchased on either a project basis (separate policy per contract) or an endorsement allocating an aggregate limit per location or specified project.

- (c) Automobile Liability Insurance is required if an Automobile(s) is used in the performance of the contract. ISO Symbol 1 (Any Auto), or alternatively a combination of Symbol 2 (Owned Autos), Symbol 8 (Hired Autos), and Symbol 9 (Non-Owned Autos), and limits shall be no less than:

\$1 Million	Combined Single Limit for Bodily Injury and Property Damage
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- (d) Excess Liability

For contracts \$250,000 or greater an Excess Liability Policy of at least but not limited to \$1,000,000 in addition to the scheduled underlying policies for Commercial General Liability, Automobile Liability and Employers' Liability, the Contractor shall also provide an Excess Liability Policy with a maximum self-insured retention not to exceed \$25,0000 per occurrence.

- (e) Builder's Risk

Contractor shall purchase Builder's Risk Insurance for any contracts that are deemed to be vertical construction on an All-Risk policy, and shall also include coverage for wind, hail, and named storm. Limits of coverage shall be at least and not limited to the value of the project.

- (f) Professional Liability, Malpractice and/or Errors and Omissions

The Contractor shall purchase and maintain professional liability, malpractice, or errors or omissions insurance with minimum limits of \$1,000,000 per occurrence. If a claims made form of coverage is provided, the retroactive date of coverage shall be no later than the inception date of claims made coverage, unless the prior policy was extended indefinitely to cover prior acts. Coverage shall be extended beyond the policy year either by a supplemental extended reporting period (ERP) of as great a duration as is available, and with no less coverage and with reinstated aggregate limits, or by requiring that any new policy provides a retroactive date no later than the inception date of claims made coverage.

D. Requirements for Certificates of Insurance

1. With the execution of the Contract Documents, the Contractor, including service related contractors, shall provide certificates of such insurance acceptable to the City. These certificates and insurance policies shall contain an endorsement that the coverage under the policies will not be canceled, non-renewed or materially changed until at least thirty (30) days' prior written notice of such cancellation, non-renewal or change (except for nonpayment of premium, which shall be ten (10) days) and a copy of

the cancellation endorsement signed by an authorized representative of the insurer, be given to the City. The contractor shall be required to replace any expired or canceled policies in like amount and coverage to the satisfaction of the City. The Certificate of Insurance shall be the ACORD FORM 25-S (7/90), or its successor form, and shall be made a part of the Contract Documents.

2. New certificates of insurance shall be provided to the City at least fifteen (15) days prior to coverage renewals.
3. If requested by the City, the contractor shall immediately furnish complete copies of the Contractor's insurance policies, forms and endorsements.
4. For Commercial General Liability coverage the Contractor shall, at the option of the City, provide an indication of the amount of claims payments or reserves chargeable to the aggregate amount of liability coverage. If the Commercial General Liability form of coverage includes an annual aggregate limitation on the amount of insurance provided, a separate project aggregate limit may be required by the City for the given contract.
5. If the Contractor fails to obtain and maintain for the life of the Project the insurance required hereby or to replace any such expired or canceled policy, the City may obtain and maintain such insurance with such company as it deems satisfactory. Any amounts expended by the City in payment of premiums for such insurance shall be deducted by the City from the amount due the Contractor for the work covered by the Contract.

E. Policies of Insurance

1. Except as otherwise provided in this Exhibit, all insurance policies shall be issued by insurers licensed to do business in the State of Florida on an admitted basis or which is an eligible surplus lines insurer in the State of Florida, and any such insuring company is required to have a minimum financial rating of (A-), in the latest edition of "Best's Key Rating Guide", published by A. M. Best Co., Inc., or some similarly nationally recognized rating authority, including Standard and Poors and Demotech.
2. For Workers' Compensation coverage only, self-insurance programs are acceptable with a minimum A- rated reinsurance carrier; written confirmation is required.
3. All policies of insurance or certificates thereof referred to in this Exhibit shall be deposited with the City Clerk.
4. The City shall be named an Additional Insured on General Liability including products and completed operations and Automobile Liability policies of insurance and certificates thereof.



CITY OF ORMOND BEACH

City Manager • 22 S. Beach Street • Ormond Beach • Florida • 32174 • (386) 676-3200 • Fax (386) 676-3384

CITY MANAGER MEMORANDUM

To: The Honorable Mayor Partington and City Commissioners

Through: Joyce A. Shanahan, City Manager

From: Robert Preis, Utility Manager

Date: September 7, 2022

Subject: Auto Renewal Contract - Pace Analytical for Water and Wastewater Facility Sample Testing

Commission Goal: Water Quality and Environment - Other

Introduction

This is a disposition item notifying the City Commission of staff's intent to permit the automatic renewal of the City's contract with Pace Analytical Services, LLC.

Background

Several of the City's contracts allow for automatic renewal after the initial term of the contract. The amended purchasing policies require the contract manager to provide a written justification to renew to the Finance Director and Purchasing Coordinator for review and approval. For contracts in excess of \$25,000 notification of the intended disposition of these contracts is also provided to the City Commission.

Discussion

On July 28, 2020, through Resolution No. 2020-85, the City Commission awarded a contract to Pace Analytical Services, LLC for laboratory services. Samples collected at the water plant, water reclamation facility, and throughout the distribution system are tested and analyzed for regulatory compliance with the Florida Department of Environmental Protection (FDEP). Pace continues to provide high quality testing services and expertise in sample analysis.

Budget Impact

The total annual budget annual cost for laboratory services is \$102,000. Funding is split between Water Treatment in an amount of \$15,000 and Wastewater Treatment in an amount of \$87,000.

Citizen Impact

Reliable laboratory testing and analysis of drinking and discharge water, as required by FDEP, ensures high quality water standards are maintained and safeguards the health of residents.

Recommendation

This item serves as public notification of the intent to renew the aforementioned contract for an additional year, unless otherwise directed by the City Commission.

Attachments:

- Resolution No. 2020-85 Pace Bid Authorization (PDF)

REVIEWED BY:


Kelly McGuire, Finance Director 8/5/2022


Claire Whitley, Assistant City Manager 8/25/2022

APPROVED BY:


Joyce A. Shanahan, City Manager 8/26/2022

RESOLUTION NO. 2020-85

A RESOLUTION ACCEPTING A BID FROM PACE ANALYTICAL SERVICES, LLC FOR LABORATORY SERVICES REGARDING WATER AND WASTEWATER FACILITY SAMPLE TESTING AND LAB ANALYSIS, UNDER BID NO. 2020-23; AUTHORIZING THE EXECUTION OF A CONTRACT AND PAYMENT THEREFOR; REJECTING ALL OTHER BIDS; AND SETTING FORTH AN EFFECTIVE DATE.

WHEREAS, the City advertised for bids (Bid No. 2020-23) for laboratory services regarding sample collection and testing of the City's potable water, sewer and reclaimed water ("the Project") pursuant to section 2-300, *Code of Ordinances*, and

WHEREAS, the City's professional staff have reviewed the bids received and have determined that the bid submitted by Pace Analytical Services, LLC in the amount of \$61,418.00/year is the lowest responsible and responsive bid (a copy of the bid being incorporated in the contract which is attached hereto and incorporated herein by reference), and

WHEREAS, the City Manager has certified that the money for the payment of the Project is appropriated in the Water and Wastewater Fund, and

WHEREAS, the City Commission concurs with the foregoing recommendations, now therefore,

BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF ORMOND BEACH, FLORIDA, THAT:

SECTION ONE. The bid submitted by Pace Analytical Services, LLC to provide laboratory testing services in the amount of \$61,418.00/year is hereby accepted.

SECTION TWO. All other bids relative to the aforescribed Project shall be deemed rejected upon the execution of a contract with Pace Analytical Services, LLC.

SECTION THREE. The Mayor and the City Manager are hereby authorized and directed to execute a contract with Pace Analytical Services, LLC to provide the services for an initial one-year term at \$61,418.00 plus four possible renewal periods of \$61,418.00 per year for a total of \$307,090.00 over a five-year period, and to pay the cost thereof from the Water and Wastewater Fund.

SECTION FOUR. This Resolution shall take effect immediately upon its adoption.

APPROVED AND AUTHENTICATED this 28th day of July, 2020.



BILL PARTINGTON
Mayor

ATTEST:



COLBY J. CILENTO
City Clerk

AGREEMENT

THIS AGREEMENT is made and entered into by and between the **City of Ormond Beach** (“City”), a Florida municipal corporation, 22 South Beach Street, Ormond Beach, Volusia County, Florida and **Pace Analytical Services, LLC** (“Contractor”), 8 East Tower Circle, Ormond Beach, FL 32174, and in consideration of the mutual promises and covenants herein contained, the receipt and sufficiency of which are hereby acknowledged, the parties hereby agree to the following:

1. **Scope of Work.** The Proposal dated June 17, 2020, attached hereto as Exhibit “A”, and the Invitation to Bid (2020-23 “Laboratory Testing Services”) dated June 10, 2020, attached hereto as Exhibit “B”, are incorporated herein by reference and are a material part of this Agreement. The Contractor shall fully comply with the terms and conditions described in the attached exhibits.
2. **Term.** This Agreement shall be effective on the date it is fully executed by the parties. The initial term of this Agreement shall be for a period of one (1) year and shall be automatically renewed for four (4) additional one-year periods, unless either party provides a written notice of non-renewal at least ninety (90) calendar days prior to the Agreement expiration date.
3. **Consideration.** Contractor shall perform the services at the prices set forth on the attached exhibits. Contractor shall prepare and submit invoices to the City at the address set forth in Paragraph 9 of this Agreement. All such invoices shall be paid by the City within thirty (30) days.
4. **Delivery.** Contractor shall complete the project within the time frame set forth on the attached exhibits.
5. **Termination of Agreement.**
 - (a) The City Commission shall have the right to terminate the Agreement in the event the Contractor files any petition or proceeding for bankruptcy relief, or is adjudicated to be bankrupt or insolvent, or fails to pay just debts as they ordinarily become due; or for a material breach of this agreement that remains uncured for at least thirty days after prior written receipt of a notice of violation of same.
 - (b) This Agreement may not be terminated by the Contractor.
6. **Assignment.** The Contractor shall not assign, convey or transfer all or any part of this Agreement, or all or any part of Contractor’s interest herein, or all or any part of any interest in the Contractor, without the prior written consent of the City Commission, which consent shall not be unreasonably withheld.
7. **Complete Agreement.** This Agreement, including the provisions set forth in the exhibit attached hereto and incorporated by reference herein, constitutes the entire and complete

agreement of the parties, and the promises and covenants herein contained shall survive the life of this Agreement.

8. **Amendment to Agreement.** Any amendment, change, or modification of this Agreement must be in writing and fully executed by both parties.
9. **Notices.** All notices which are required by this Agreement shall be provided to the parties at the following addresses, or such other addresses as may be requested in writing by either party:

City of Ormond Beach
Joyce Shanahan, City Manager
(copy to City Attorney)
22 South Beach Street
Ormond Beach, FL 32174

Pace Analytical Services, LLC
Garrett Ervin, General Manager
8 East Tower Circle
Ormond Beach, FL 32174

10. **Sovereign Immunity.** The City expressly retains and reserves all rights, privileges, immunities, and benefits of sovereign immunity. This provision shall be construed broadly in favor of the City.
11. **Venue.** The terms and conditions of this Agreement shall be construed and enforced under the laws of the State of Florida. Any action or proceeding, either at law or in equity, regarding this Agreement shall be brought in the circuit court, Seventh Judicial Circuit in and for Volusia County, Florida. Venue in any other jurisdiction or forum, whether it be any other circuit, state or federal venue, is hereby expressly waived.
12. **Waiver of Conditions.** No waiver by the City of any condition or breach of performance by the Contractor shall constitute an irrevocable, continuing, or subsequent waiver by the City of the same condition or breach of performance, or of any other condition or other breach of performance.
13. **Severability.** If any part of this Agreement is declared to be unenforceable or void by a court of competent jurisdiction, the remaining parts of the Agreement shall remain in full force and effect as long as the services to be provided by the Contractor are not materially affected, altered or impaired as a result of said judicial declaration.
14. **Conflicting Provisions.** In the event of any conflict between the provisions of this Agreement and any exhibits, the provision most favorable to the City shall control and shall be given full force and effect.
15. **Indemnification.** The City, its agents, employees, and officials, both elected and appointed, shall be indemnified and held harmless by Contractor from any and all liabilities, claims, and causes of action which may arise out of the willful, negligent, or unlawful acts or omissions of the Contractor or its subcontractors in the performance of this Agreement, unless such claims are a result of the City's sole negligence, as determined by the final decision maker of such claim.

16. **Duty to Defend.** The Contractor shall defend all suits and administrative actions, including all appellate proceedings, brought against the City, its agents, employees, and officials, both elected and appointed and shall pay all attorneys' fees and costs associated with the City's legal defense, as may be selected by the City, arising from all claims and causes of action described in Section 15 above. Such payment on behalf of the City shall be in addition to any and all other legal or equitable remedies available to the City and shall not be considered to be the City's exclusive remedy.
17. **Contractor's Insurance.** The Contractor shall purchase and maintain for the entire life of this Agreement, including any and all approved time extensions, until its final acceptance by the City, such insurance as will protect the Contractor from claims under Workers' Compensation, disability benefit laws or other similar employee benefit laws; from claims for damages because of bodily injury, occupational sickness or disease, or death of Contractor's employees; from claims insured by usual or unusual injury liability coverage; from claims or injury to or destruction of tangible property and from claims insured by usual Commercial General Liability coverage. This includes loss of use resulting therefrom, any or all of which may arise out of the Contractor's operations under this Agreement, whether such operations be by the Contractor, or by any Subcontractor, or by anyone directly or indirectly employed by any of them or for whose acts any of them may be legally liable. The Contractor's deductibles/self-insured retentions shall be disclosed to the City and may be disapproved by the City, and may be reduced or eliminated at the sole discretion of the City. The Contractor is responsible for the amount of any deductible or self-insured retention.
18. **Types of Insurance and Limits of Liability.** The insurance required herein shall be written for not less than the limits of liability specified herein or as required by law, whichever is greater, and shall include the following:

- (a) Workers' Compensation Insurance in statutory limits for the State of Florida with Coverage B - Employer's Liability limits of not less than:

\$100,000. Each Accident Bodily Injury by Accident

\$100,000. Each Employee Bodily Injury by Disease

\$500,000. Policy Limit Bodily Injury by Disease

Certificate of Exemptions. If the contractor has a State-issued Certificate of Exemption, the contractor may provide a copy in place of the requirement for coverage. However, if the contractor subcontracts or retains any other person or entity to perform under the contract, that person or entity must provide proof of workers' compensation insurance as required by law or provide a Certificate of Exemption.

It is the intent of the City that any individual who either contracts directly with the city or performs any work on behalf of any such contractor be covered by workers compensation insurance or have a valid exemption from said coverage.

(If applicable to the Project, the policy must include benefits under the United States Longshoremen's and Harbor Workers' Act and the Jones Act coverage--all maritime coverages.)

- (b) **Commercial General Liability Insurance** shall be written on a coverage form as broad as Insurance Services Office (ISO) Form CG 00 01 11 88, or its successor form, including but not limited to the following coverages (any deviation shall be noted on the Certificates of Insurance), and the CITY OF ORMOND BEACH shall be named as an additional insured:

1. Premises and Operations
2. Owners' & Contractors' Protective
3. Products & Completed Operations
4. Explosion, Collapse & Underground Conditions
5. Blanket Contractual Liability
6. Personal Injury Liability
7. Broad Form Property Damage Endorsement, including Completed Operations
8. Independent Contractors
9. Watercraft--Owned and Non-Owned (if applicable, endorsement must be included in General Liability policy or a separate Protection & Indemnity Policy must be written)
10. Pollution Liability (if applicable)
11. Asbestos Abatement (if applicable)
12. Fire Damage Liability

Certain coverages outlined above may not be required if they do not relate to the Agreement, as may be determined at the sole discretion of the City.

Commercial General Liability Coverage shall be written on an occurrence basis and the limits shall be no less than the following for all tiers of Contractors and Subcontractors:

<u>Contract Value</u>	<u>Limits (not less than)</u>
0 - 25,000	\$300,000 Each Occurrence \$300,000 General Aggregate* \$300,000 Aggregate Products & Completed Operations \$ 25,000 Fire Damage (any one fire)
\$25,001 - \$250,000	\$500,000 Each Occurrence \$1 Million General Aggregate* \$1 Million Aggregate Products & Completed Operations

	\$ 50,000	Fire Damage (any one fire)
\$250,001 - \$3,000,000	\$1 Million Each Occurrence \$1 Million General Aggregate* \$1 Million Aggregate Products & Completed Operations	
	\$ 50,000	Fire Damage (any one fire)
\$3,000,001 & over	20% of the Value of the Contract [Minimum \$1 Million Each Occurrence/\$2 Million General Aggregate]	

* NOTE: Commercial General Liability Coverage must be purchased on either a project basis (separate policy per contract) or an endorsement allocating an aggregate limit per location or specified project.

- (c) **Automobile Liability Insurance** for the operation, use, maintenance, loading or unloading of automobiles - ISO Symbol 1 (Any Auto) or alternatively a combination of Symbol 2 (Owned Autos), Symbol 8 (Hired Autos), and Symbol 9 (Non-Owned Autos). The coverage limits shall be no less than the following for all tiers of Contractors and Subcontractors:

<u>Contract Value</u>	<u>Limits (not less than)</u>
0 - 25,000	\$300,000 Combined Single Limit
\$25,001 - \$250,000	\$500,000 Combined Single Limit
\$250,001 and over	\$1 Million Combined Single Limit

- (d) **Excess Liability**

For Contracts of \$250,000 or more, and in addition to the scheduled underlying policies for Commercial General Liability, Automobile Liability and Employers' Liability, the Contractor shall also provide an Excess Liability Policy with a maximum self-insured retention for occurrences insured in this Excess Policy not to exceed \$25,000 and a minimum limit of \$1 Million.

- (e) **Professional Liability, Malpractice and/or Errors and Omissions**

The Contractor shall purchase and maintain professional liability, malpractice, or errors or omissions insurance with minimum limits of \$1,000,000 per occurrence. If a claims made form of coverage is provided, the retroactive date of coverage shall be no later than the inception date of claims made coverage, unless the prior policy was extended indefinitely to cover prior acts. Coverage shall be extended beyond the policy year either by a supplemental extended reporting period (ERP) of as great

a duration as is available, and with no less coverage and with reinstated aggregate limits, or by requiring that any new policy provide a retroactive date no later than the inception date of claims made coverage.

19. Requirements for Certificates of Insurance.

- (a) With the execution of this Agreement, the Contractor shall provide certificates of such insurance acceptable to the City. These certificates and insurance policies shall contain a provision that the coverage under the policies will not be canceled, non-renewed or materially changed until at least **thirty (30)** days' prior written notice of such cancellation, non-renewal or change [except for nonpayment of premium, which shall be **ten (10)** days] has been given to the City. The Contractor shall be required to replace any expired or canceled policies in like amount and coverage to the satisfaction of the City. The Certificate of Insurance shall be the ACORD FORM 25-S (7/90), or its successor form, and shall be made a part of this Agreement.
- (b) New certificates of insurance shall be provided to the City at least fifteen (15) days prior to coverage renewals.
- (c) If requested by the City, the Contractor shall furnish complete copies of the Contractor's insurance policies, forms and endorsements.
- (d) For Commercial General Liability coverage the Contractor shall, at the option of the City, provide an indication of the amount of claims payments or reserves chargeable to the aggregate amount of liability coverage. If the Commercial General Liability form of coverage includes an annual aggregate limitation on the amount of insurance provided, a separate project aggregate limit may be required by the City for the given contract.
- (e) If the Contractor fails to obtain and maintain for the life of the Agreement the insurance required hereby or to replace any such expired or canceled policy, the City may obtain and maintain such insurance with such company as it deems satisfactory. Any amounts expended by the City in payment of premiums for such insurance shall be deducted by the City from the amount due the Contractor for the work covered by the Agreement.
- (f) **Policies of Insurance**
 - 1. Except as otherwise provided herein, all insurance policies shall be issued by insurers licensed to do business in the State of Florida on an admitted basis or which is an eligible surplus lines insurer in the State of Florida, and any such insuring company is required to have a minimum financial rating of (A-) in the latest edition of "Best's Key Rating Guide", published by A. M. Best Co., Inc., or some similarly nationally recognized rating authority, including Standard and Poors and Demotech.

2. For Workers' Compensation coverage only, self-insurance programs are acceptable with a minimum A- rated reinsurance carriers; written confirmation is required.
 3. All policies of insurance or certificates thereof referred to herein shall be deposited with the City Clerk.
 4. The City shall be named an Additional Insured on General Liability and Automobile Liability policies of insurance and certificates thereof.
20. **Enforcement of Costs.** If any legal action or other proceeding is brought for the enforcement of this Agreement, or because of an alleged dispute, breach, default, or misrepresentation in connection with any provision of this Agreement, the successful or prevailing party or parties shall be entitled to recover reasonable attorneys' fees, court costs, and all expenses even if not taxable court costs (including, without limitation, all such fees, costs and expenses incident to arbitration, appellate, bankruptcy, and post-judgment proceedings), incurred in that action or proceeding or any appeal, in addition to any other relief to which the party or parties may be entitled. Attorneys' fees include legal assistant fees, expert witness fees, investigative fees, administrative costs, and all other charges billed by the attorney for the prevailing party.
 21. **Compliance With Laws.** Contractor shall comply with all applicable federal, state and local laws and regulations.
 22. **Compliance With Florida Public Records Law.** Contractor expressly agrees that it shall comply with the public records law provided in Florida Statutes, Chapter 119, and specifically to:
 - (a) Keep and maintain public records required by the City to perform the contracted service.
 - (b) Upon request from the City Clerk, provide the City with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes, or as otherwise provided by law.
 - (c) Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract if the contractor does not transfer the records to the City.
 - (d) Upon completion of the contract, transfer at no cost, to the City all public records in possession of the contractor or keep and maintain public records required by the City to perform the service. If the contractor transfers all public records to the City upon completion of the contract, the contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the contractor keeps and maintains public records upon the completion of the contract, the contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be

provided to the City, upon request from the City Clerk, in a format that is compatible with the information technology systems of the City.

(e) Failure of the Contractor to comply with Public Records Law as provided by Florida Statutes, Chapter 119, shall subject the Contractor to penalties under Chapter 119.10 and subject this Agreement to termination for cause by the City.

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:

**COLBY J. CILENTO, CITY CLERK
22 SOUTH BEACH STREET
ORMOND BEACH, FLORIDA 32175. (386)676-3297
COLBY.CILENTO@ORMONDBEACH.ORG**

Ref: Fla. Stat. §119.0701(2016)

23. **Limitation of Remedy and Liability.** Contractor and Owner expressly waive any claim for consequential damages against the other including but not limited to, a waiver of claims for diminished bonding capacity, loss of financing, loss of business reputation, lost profits on other projects or other lost opportunity damage claims.

Contractor expressly agrees that any claim (tort, contract, claim in equity, or otherwise) by Contractor for damages against Owner shall not exceed the total amount of the contract price, less any amounts actually paid to the Contractor by the Owner (or by an insurer of the Owner).

All liability of the City allegedly resulting from, arising out of or connected with this Agreement or from the performance or breach thereof, shall terminate three years from the execution of this Agreement.

24. **Waiver of Right to Jury Trial.** THE PARTIES HEREBY KNOWINGLY, VOLUNTARILY AND INTENTIONALLY WAIVE ANY RIGHT WHICH ANY PARTY MAY HAVE TO TRIAL BY JURY IN RESPECT OF ANY PROCEEDING, LITIGATION OR COUNTERCLAIM BASED ON, OR ARISING OUT OF, UNDER OR IN CONNECTION WITH THIS AGREEMENT OR ANY COURSE OF CONDUCT, COURSE OF DEALING, STATEMENTS (WHETHER VERBAL OR WRITTEN) OR ACTIONS OF ANY PARTY. IF THE SUBJECT MATTER OF ANY LAWSUIT IS ONE IN WHICH THE WAIVER OF JURY TRIAL IS PROHIBITED, NO PARTY TO THIS AGREEMENT SHALL PRESENT AS A NON-COMPULSORY COUNTERCLAIM IN ANY SUCH LAWSUIT ANY CLAIM BASED ON, OR ARISING OUT OF, UNDER OR IN CONNECTION WITH THIS AGREEMENT. FURTHERMORE, NO PARTY TO

THIS AGREEMENT SHALL SEEK TO CONSOLIDATE ANY SUCH ACTION IN WHICH A JURY TRIAL CANNOT BE WAIVED.

25. **Effective Date.** This Agreement shall become effective upon the date last signed by the parties hereto.

IN WITNESS WHEREOF, the undersigned parties have caused this Agreement to be signed on the dates indicated hereinbelow.

DATED this 28 day of July, 2020.

Witnesses:

CITY OF ORMOND BEACH

Wendy Hontz
Print Name: Wendy Hontz

By: Bill Partington
BILL PARTINGTON
Mayor

Cassidi Ritz
Print Name: Cassidi Ritz

By: Joyce Shanahan
JOYCE SHANAHAN
City Manager

DATED this 2 day of July, 2020.

Witnesses:

PACE ANALYTICAL SERVICES, LLC

Sakina M. McKenzie
Print Name: Sakina M. McKenzie

By: Garrett Ervin
Print Name: Garrett Ervin
Title: General Manager

Lisa Harvey
Print Name: Lisa Harvey

Attest: Elizabeth Bolvin Day
Print Name: Elizabeth Bolvin Day
Title: Account Ex. / Notary



Elizabeth Bolvin Day
Comm. #GG338234
Expires: July 19, 2023
Bonded Thru Aaron Notary



Protecting Our Environment

**ITB 2020-23
Laboratory Testing Services
City of Ormond Beach
Due 2:30PM June 17, 2020**



Pace Analytical Services, LLC
Michael F. Valder
813-340-8100
Michael.Valder@pacelabs.com
8 East Tower Circle
Ormond Beach, Florida 32174





Laboratory Testing Services

Table of Contents

a. Copies of current State, NELAP, and EPA certifications or other documentation that firmly establishes, to the satisfaction of the City, the certification status of the laboratory for all listed parameters must be submitted with your bid	See Enclosed Thumb Drive
b. A price list must be submitted with your Bid showing individual parameter prices (for all listed parameters), method numbers, and method detection limits. Costs shall be firm for the duration of the contract.	See Appendix A
c. One (1) copy of the laboratory NELAC compliant "Quality Manual" shall be provided with your Bid.	See Enclosed Thumb Drive
d. A statement indicating the percentage of work to be subcontracted. Additionally, the statement shall also confirm that the laboratory has sufficient staffing to assume the responsibility for the testing to be performed on behalf of the City of Ormond Beach.	Page 3
e. The results from the most recent previous two WP/WA/NELAC Proficiency Testing studies are to be included in your submittal.	See Enclosed Thumb Drive
f. Copies of the last two FDOH laboratory assessments with corrective actions taken are to be included in your submittal.	See Enclosed Thumb Drive
g. A description of the laboratory and its relevant prior experience, specifically as related to governmental agencies.	Page 3
h. A list of four references who shall confirm instances of comparable testing performed for governmental entities. If these cannot be provided, please explain.	Page 13
i. The name and resume, including employment history with the Company, of the senior staff individuals who will perform the testing. If the successful provider subcontracts work under this contract, the same information will be provided for the subcontract laboratory.	Page 14
j. Documentation which establishes the length of time in business in the State of Florida (at least four (4) years required).	Page 30
k. Laboratories with service contracts cancelled within the previous five years due to failure to provide accurate testing results are not eligible to bid.	Page 32
Appendix A – City of Ormond Beach bid Forms	Page 33



d. A statement indicating the percentage of work to be subcontracted. Additionally, the statement shall also confirm that the laboratory has sufficient staffing to assume the responsibility for the testing to be performed on behalf of the City of Ormond Beach

Pace will subcontract only the 200.9 for Thallium (to Benchmark EA) bioassay (to Hydrosphere) and Giardia/Cryptosporidium (to ASI) analysis. All other analysis will be performed by pace Analytical. That represents 3 tests out of 5100 tests which is <0.06% of the total tests. Pace is the incumbent laboratory and has sufficient staffing to continue serving the City of Ormond Beach for contract needs.

g. A description for the laboratory and its relevant prior experience, specifically as related to governmental agencies.

Pace Analytical Services, LLC (Pace Analytical) was established in 1978. We are a privately held, full-service sampling and analytical services firm operating a network of 41 environmental laboratories and 45 service centers nationwide, plus 3 Life Sciences laboratories. All of our full-service environmental laboratories are NELAC accredited. Our laboratories utilize U.S. EPA, ASTM, Standard Methods, NIOSH, and other accepted test procedures and methods, in accordance with federal and state regulations.

The company consists of three divisions: Environmental, Life Sciences and Scientific Professional Services. Analytical testing and related services include analytical chemistry, on-site field sampling, product and material testing, microbiology services, medical device and drug-device combination product testing, professional laboratory staffing, and lab equipment sales and services. Pace Analytical maintains a comprehensive list of certifications and methodologies throughout our laboratories. In addition to offering full service environmental analytical services, Pace Analytical provides the following specialty environmental testing services:

- | | |
|--------------------------------|-------------------------------|
| ◆ Drinking Water | ◆ Aquatic Toxicity / Bioassay |
| ◆ Water / Wastewater | ◆ Radiochemistry |
| ◆ Air Toxics | ◆ Low Level Mercury Analysis |
| ◆ PFAS Testing | ◆ Vapor Intrusion |
| ◆ Microbiological | ◆ PCB Congeners |
| ◆ Mixed Waste Characterization | ◆ On-Site Gas Phase FTIR |
| ◆ Field Sampling and Analysis | ◆ Dioxin / Furan |



Pace Florida provides comprehensive environmental laboratory services from its Oldsmar, Ormond Beach and Pompano Beach, Florida locations. The Pace Florida laboratory in Ormond Beach was expanded to 20,000 square feet and completely renovated in 2010 and expanded again to add 10,000 more square feet in 2017. In addition, at that time the operation began operating on a 24 hour a day schedule Monday through Friday, and 12 hour a day schedule on Saturday and Sunday. As a result, the average turnaround time for mainstream parameters is less than our industry competitors.

Pace Florida provides field sampling and laboratory testing services to numerous cities and counties around the state. Most of our analytical services associated with City of Ormond Beach will be completed at our Ormond Beach, FL facility.

Pace is currently the lab contractor for:

- ◆ Collier County
- ◆ Palm Beach County
- ◆ Orlando Utilities Commission (OUC)
- ◆ City of Sanford
- ◆ City of Port Orange
- ◆ Miami-Dade County
- ◆ St. Lucie County
- ◆ Brevard County
- ◆ Volusia County
- ◆ Lake County
- ◆ Sarasota County

A strength of Pace's is the production of Florida Drinking Water forms and Electronic Data Deliverables (EDDs). Pace has automated this process as much as it can be automated and delivers EDDs within a day of final report generation.

Pace is the only national laboratory company that has every lab operating on a uniform Laboratory Information Management System (LIMS). This system coupled with PacePort enables clients and Pace Project Managers to accurately schedule and modify client accounts and projects. PacePort is Pace's password protected website that provides clients with access 24/7 to their data and other tools:

- ◆ Access to all records such as final reports, drinking water forms, chain-of-custodies, invoices, and preliminary data
- ◆ Automated and customized container ordering, and COC creation
- ◆ Immediate notification of sample receipt and itemized sample log-in information
- ◆ Automated notification of exceedances of action and permit limits
- ◆ Automated creation of EDDs such as ADaPT customized to your specifications and formats
- ◆ Rush project tracking
- ◆ Automated delivery of reports and EDD's via email to multiple addresses
- ◆ Indefinite historical retention of all data

Our Management Team and Department Managers have on average at least 20 years of experience in the analytical testing arena, which gives us a clear understanding of how to work with clients like City of Ormond Beach with environmental needs in multiple disciplines.

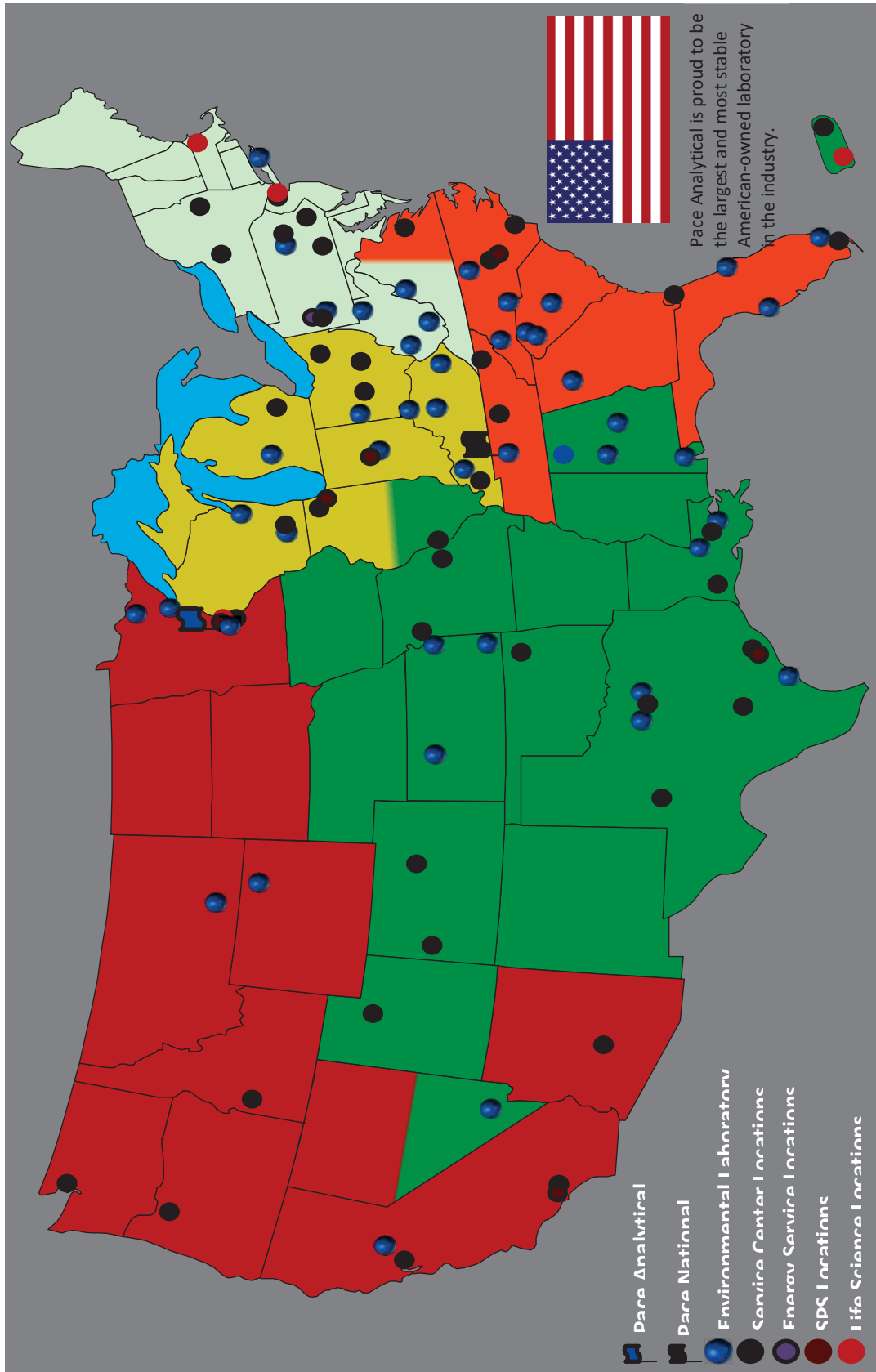


Thanks in advance for your time and support of Pace Analytical Services and we look forward to continuing a long-term win-win relationship with the City of Ormond Beach. This proposal had been made without collusion with any other person or entity submitting a proposal pursuant to this ITB. Please do not hesitate to contact us if you have any further questions or needs. I am the main contact for this submittal and can be reached directly at 813-340-8100 and my email is Mike.Valder@pacelabs.com. Garrett Ervin is the authorized to negotiate on behalf of Pace Analytical Services for this contract. He is the General Manager for the Florida Operations and can be reached at 386-676-4839 direct and his email is Garrett.Ervin@pacelabs.com.

Below is a list of the Pace Florida Instrumentation:

- 25 Gas Chromatograph/Mass Spectrometer Systems
- 15 Gas Chromatograph Systems
- 5 High Pressure Liquid Chromatographs
- 2 Liquid Chromatograph-Mass Spectrometer/Mass Spectrometer Systems
- 3 Lachat Automated Analyzers
- 3 Inductively Coupled Plasma/Mass Spectrometer Systems
- 4 Inductively Coupled Plasma Systems
- 1 Mercury Analyzers
- 1 Low-level Mercury Analyzer
- 9 Ion Chromatographs
- 2 TOC Analyzers

The map on the next page shows the Pace locations of all our facilities.





Hydrosphere Research is a state and nationally recognized aquatic toxicity testing laboratory. We provide full bioassay laboratory resources that offer a wide array of services to private and public clients.

The following is a brief summary of our qualifications.

Certifications

- NELAC accredited aquatic toxicity testing and bioassay lab (first commercial bioassay lab in Florida to receive accreditation)

Customer Service

Hydrosphere Research has retained many of its clients since the lab's inception at CH2M Hill in 1986. We pride ourselves on providing unmatched customer service. Our SOQ contains a partial list of references. Please contact us for a list of references specific to your area or industry.

Services

Hydrosphere Research professionals assist clients in toxicity test design, sample collection, and other toxicity issues throughout the United States. This specialization has aided clients in the public and private sectors in determining the potential impact of project development and in the design of suitable alternatives.

Facilities

Hydrosphere Research's laboratory and office facilities are located in the [Progress Corporate Park](#) at 11842 Research Circle, Alachua, Florida, only minutes away from the University of Florida. We have divided our test facilities into separately lighted and climate-controlled sections to accommodate various test conditions or requirements. We also maintain an aquaculture facility separate from the testing labs for a wide range of fresh and saltwater cultures. We follow strict procedures for maintaining lab equipment and each machine or piece of equipment is available in at least duplicate. This helps us provide our clients quick turnaround time and avoid delays related to equipment. We also have an emergency generator installed to maintain our client's tests even during the most inclement weather. Our building and cold room environmental conditions are monitored remotely; should any event occur in our lab, the laboratory staff will be immediately notified.

Aquaculture

We culture all freshwater and most saltwater organisms required for routine toxicity testing. Hydrosphere has also developed innovative aquaculture techniques for the propagation of many species in both the bioassay, tropical fish and mariculture industries.

Personnel

Hydrosphere Research boasts a highly skilled roster of scientists, engineers and support staff. In addition, our location near one of the nation's leading research centers provides us with easy access to some of the industry's most talented assistance, allowing us the flexibility to increase or decrease staff size for special projects.

Facilities are staffed seven days a week, 365 days a year for toxicity test monitoring, toxicity test initiation, and organism culturing.



We invite you to visit our state-of-the-art facilities in the scientific community at Progress Corporate Park in North Central Florida. To schedule a tour or to find out more about our services and how Hydrosphere Research can help you meet today's environmental standards, call us at 866.375.9004 or use our .

Below is a summary of some our government work. The work we do for EPA dwarfs all of the other government work combined. These are in order or size/value of work we did and does not capture the work we do through a subcontractor (like the City of Ormond Beach).

Client	Type of Work
US Environmental Protection Agency	Acute & chronic fresh & saltwater studies. Product toxicity tests, algal toxicity studies, sediment bioassays
University of Florida/US Department of Defense	Sediment bioassays
JEA	Chronic freshwater studies, organisms sales
Flagler Beach	Chronic saltwater studies
City of Savannah	Acute saltwater & chronic freshwater studies.
St. Johns County	Acute freshwater, chronic freshwater & saltwater studies.
City of Chattahoochee	Chronic freshwater studies
Clay County Utility Authority	Acute freshwater & chronic saltwater studies
City of Tallahassee	Chronic freshwater & saltwater studies
City of Boca Raton	Chronic saltwater studies
Town of Orange Park	Chronic freshwater studies
City of Fernandina Beach	Chronic saltwater studies
City of Daytona Beach	Chronic freshwater studies
City of Neptune Beach	Chronic saltwater studies
Florida State Hospital	Chronic freshwater studies
City of Lakeland	Chronic freshwater studies
City of Jacksonville Beach	Chronic freshwater studies
City of Bradenton	Chronic freshwater studies
City of Jasper	Chronic freshwater studies
City of Hollywood	Acute Saltwater studies
City of Atlantic Beach	Chronic saltwater studies
City of Orlando	Chronic freshwater studies
City of St. Augustine	Chronic saltwater studies
Town of Callahan	Chronic freshwater studies
City of Rincon	Chronic freshwater studies



Town of Hastings	Acute & chronic freshwater studies
City of Starke	Chronic freshwater studies
City of Tybee Island	Chronic saltwater studies
City of Sanford	Acute freshwater studies
Camp Blanding	Acute freshwater studies
Putnam County	Acute freshwater studies
Town of Hilliard	Acute freshwater studies
Town of Macclenny	Chronic freshwater studies
City of Tarpon Springs	Acute freshwater studies
City of LaGrange	Chronic freshwater studies



ANALYTICAL SERVICES, INC. (ASI)

Microbiological Testing, Research and Consulting

Description of Lab:

1. PERSONNEL

- Harry Christman, Ph.D. -ASI Technical Director
 - Technical Lead – General Microbiology (*Legionella*)
 - PhD in Microbiology, 2011
 - BS in Microbiology, 2002
 - 19 years experience in commercial and academic laboratories
- Aimee Benjamin, Ph.D. -ASI Quality Assurance Officer
 - Technical Lead - *Cryptosporidium/Giardia*
 - USEPA/LT2 Principal Analyst
 - PhD in Animal Science in 2016
 - 5 years experience with *Cryptosporidium/Giardia*
- Roberto Rodriguez, PhD -ASI Senior Virologist
 - PhD Environmental Science, 2007
 - BS Microbiology, 1997
 - 13 years experience in commercial and academic laboratories
- Paul Warden
 - Vice President and Director of Operations
 - 30 years experience in commercial laboratory environment
 - Contact Person: pwarden@analyticalservices.com, 800-723-4432 x15

Analytical and Support Staff - Presently, ASI employs 12 people in our Williston, VT facility (10 scientists / microbiologists and 2 technicians). Four (4) staff perform EPA Method 1623.1 and two (2) of our Microbiologists are USEPA/LT2 Approved Principal Analysts for *Cryptosporidium* and *Giardia*, a third is a USEPA/LT2 Approved Analyst and the fourth is a Technician. This depth and expertise of our staff provides ASI redundancy to cover planned and unplanned staff absences, the flexibility to handle special projects and/or unscheduled work, as well as the ability to cross-train for redundancy/back-up.

In addition, ASI has been long committed to, and known for, outstanding client services. Our focus on client services functions, including front-end client interaction, work scheduling, shipping of supplies, sample receipt and log-in, and report preparation helps ensure seamless project execution. Sample collection kits are typically shipped three weeks in advance of the



scheduled sample collection date and any issues relative to samples received at ASI are quickly communicated to the client to allow timely resolution.

2. EXPERIENCE

Analytical Services, Inc. (ASI) is a full service environmental microbiology laboratory located in Williston, VT. Our primary business has been serving the public water supply industry with microbiological testing, research and consulting services for more than 25 years. ASI clients include state and local governmental entities, public water suppliers (public and private), corporations and engineering firms/consultants. ASI holds both state and municipal level monitoring contracts.

ASI is nationally recognized as an expert laboratory for protozoa analysis. Accordingly, we have been involved in numerous EPA-sponsored protozoa research projects, including the USEPA's multi-laboratory validations of EPA Method 1623.1 (2012), Method 1623 (1999) and Method 1622 (1998). ASI has analyzed more than 30,000 samples for the detection of *Cryptosporidium* and *Giardia* using EPA approved methods over more than 20 years.

Paul Warden
Vice President & Director of Operations
800.723.4432 x15
802.876.1339 Direct
pwarden@analyticalservices.com

ANALYTICAL SERVICES, INC.
130 Allen Brook Lane
Williston, VT 05495 USA
www.analyticalservices.com



BENCHMARK

EnviroAnalytical, Inc.



Benchmark EnviroAnalytical, Inc. Firm Profile

BenchmarkEA has 25 years of experience in analyzing water, soil and sediment. The laboratory is owner operated with thirty employees and two Florida locations, one in North Port / Port Charlotte and one in Palmetto. Both laboratories are NELAP certified and are operated by personnel having science degrees in chemistry or biology. The realm of certification includes organics, metals, inorganics, physical properties and microbiology. The complete list of certified analytes may be viewed at www.BenchmarkEA.com. BenchmarkEA is also certified by the Florida Office of Supplier Diversity as a minority Business Enterprise. BenchmarkEA's laboratory director has a Ph.D. in organic chemistry and is intimately familiar with the laboratory operations. The management team of supervisors and quality assurance officers works together to meet the company objective of providing "correct results the first time, on time".

Environmental analytical and field sampling experience includes surface water, storm water, groundwater and sediment / soil projects. Analytical project experience includes long term surface water studies for several watersheds and groundwater projects for drinking water production sites and large industrial sites. BenchmarkEA has extensive analytical experience with ASR wells and frequently associated RO treatment streams. BenchmarkEA has an excellent reporting system that provides timely accurate reports that can be tailored to client spreadsheet requirements. In addition, reports can be generated in aDaPT format or in a format uploadable to DEP STORET when required by compliance agency programs.



h. A list of four references who shall confirm instances of comparable testing performed for government agencies.

Organization Name: Volusia County
Address: 1990 Tomoka Farms Road
Address: Daytona Beach, FL 32114
Contact: Ms. Jennifer Stirk
Telephone: 386-947-2952
Email: jstirk@co.volusia.fl.us

Organization Name: Hillsborough County
Address: 9456 E. Columbus Drive
Address: Tampa, FL 33619
Contact: Ms. Sandra Fernandez-McCoin
Telephone: 813-27-5977
Email: fernandezsa@hillsboroughcounty.org

Organization Name: Miami-Dade Water and Sewer Division
Address: 8950 SW 232 Street
Address: Miami, FL 33190
Contact: Mr. Rolando Camilo
Telephone: 786-268-5631
Email: Rolando.Camilo@miamidade.gov

Organization Name: Brevard County
Address: 3630 N. Courtenay Parkway
Address: Merritt Island, FL 32753
Contact: Mr. David Dezman
Telephone: 321-455-1339
Email: David.Dezman@brevardcounty.us



i. The name and resume, including employment history with the company, for the senior staff individuals who will perform the testing.

**JEFF BAYLOR
SENIOR PROJECT MANAGER**

EDUCATION

B.S., Biology (Pennsylvania State University, 1996)

REGISTRATIONS

American Chemical Society

EXPERIENCE

Mr. Baylor has been a project manager for the laboratory since 2001 specializing in landfills, NPDES, drinking water, solid waste, and other State programs. His many years of service with the laboratory have given him a background that allows him to help clients with their site-specific work plans, applicable methodologies, turnaround time requirements, and project data quality objectives. In the capacity as Project Manager, Mr. Baylor provides his clients as the one point of contact for all their production and technical needs. He serves as a liaison between the client and the laboratory operations and currently serves a diverse group of clients, including many cities, counties, utilities, and consultants.

Prior to assuming the position of Project Manager, Mr. Baylor was the Supervisor of the laboratory's Biology Laboratory. He oversaw all areas of the department including the Microbiology and Toxicity sections. For the Microbiology section, he was in charge of the following: media preparation; quality control; detection and enumeration of densities of Fecal and total Coliforms, *Fecal Streptococcus*, *Enterococcus*, and heterotrophic bacteria. In 2002, he led the effort for ELAB to become EPA certified for testing for *Aeromonas* bacteria in drinking water under the Unregulated Contaminant Monitoring Rule (UCMR) program. For the toxicity section, he was responsible for organism breeding, quality control, freshwater and saltwater bioassays using EPA certified methods for both Acute and Chronic tests, and statistical evaluation of toxicity tests performed for client's NPDES permits.

Prior to this, Mr. Baylor supervised the Inorganic Department for several years after working as an analyst in the Metals and General Chemistry departments for six years. While in the General Chemistry department, he utilized gravimetric, potentiometric, titrimetric, and colorimetric approved methodologies to test samples of varied matrices including drinking water, ground water, surface water, waste water, solids, and sludges. He used a wide variety of instrumentation including manual and automated colorimetric analyzers, Ion Chromatograph, IR Chromatograph, and digestion/distillation apparatus. In the Metals department, he was responsible for all aspects of testing including digestion, analytical, and quality control. He is



proficient with the instrumentation used for the quantification of metallic elements such as flame and graphite furnace AA and cold vapor analysis of mercury.

During his tenure, Mr. Baylor help set up the Toxicity Characteristic Leaching Procedure methods now used by the laboratory for testing materials for clients under the RCRA program. He also supervised and conducted the setup and incubation of samples for Simulated Distribution Systems (SDS) and Biodegradable Organic Carbon (BDOC) analysis, which is related to the Information Collection Rule program.

GARRETT ERVIN

GENERAL MANAGER FLORIDA OPERATIONS

EDUCATION

B.A., Biology, Minor Geology (Western Michigan University, 1994)

EXPERIENCE

Mr. Ervin joined Pace Analytical in 2017 and is serving as the Operations Manager for the Ormond Beach Lab. He is responsible for the direction and coordination of the daily activities for 168 staff scientists, administrative personnel and service technicians at the company's Florida operations. He is responsible for maintaining project management oversight and direction in conjunction with corporate directives and goals, and he provides guidance and direction to the laboratory's Quality Assurance staff in conjunction with corporate goals, EPA guidelines, NELAC guidelines, and various other state and federal guidelines. He is responsible for ensuring that on-time commitments, quality requirements, safety requirements and all reporting requirements are met by the facility. Mr. Ervin is also responsible for daily management of facility, including management of all departments to meet hold times, provide data and deliver analytical reports on time. Mr. Ervin manages staff and ensures the quality of service, the technical competence of the staff and any productivity and technical expansion as well as responsible for technical leadership and the development of department staff.

Prior to assuming the position of Operations Manager, Mr. Ervin was the Operations Manager for KAR Laboratories, Inc. He started as a Field Technician and rapidly transitioned to Client Services where he was a Client Services Technician, followed by Project Manager to Client Services Manager. Mr. Ervin developed his knowledge of test procedures and management skills. This included learning SDWA testing requirements and regulations. This enabled him to lead KAR Laboratories to be involved with extensive Pb/Cu testing during the Flint MI Drinking Water crisis.



EDWARD OSGOOD
SEMIVOLATILES ENVIRONMENTAL MANAGER

EDUCATION

B.S. Chemistry (Rollins College, 2006)

RELEVANT EXPERIENCE

Mr. Osgood has been in the environmental industry since 2006 when he started working for ELAB, Inc. as part of the semivolatiles department. He joined Pace Analytical in 2008 and continued his work in the same department. In this role, Mr. Osgood was responsible for the evaluation and processing of client samples as well as instrumental troubleshooting and routine maintenance. As needed his responsibilities also included the development and establishment of in-house testing parameters for new methodology and instrument technology. Instrumental experience includes GC with ECD, FID, and NPD variances though he is predominantly proficient in GC-MS experience with testing in SW-846 methodology as well as drinking water and UCMR3 testing methods. He has also served as both the Safety and Hazardous Waste Officer within the laboratory ensuring compliance with all company, state, and federal regulations.

In July 2017 Mr. Osgood transitioned into the Quality Assurance Manager position and had the responsibility to ensure that the Quality Systems in the Ormond Beach laboratory of Pace Analytical Services, LLC. was fully implemented and followed in order for the laboratory to achieve established standards of quality. He provided guidance and direction to the laboratory in conjunction with corporate goals and guidelines set by the EPA, NELAC, and various other state and federal agencies. This included maintaining regulatory compliance, data validation, laboratory analytical protocols, quality assurance documentation and conformance to quality criteria. He aided the Senior Quality Assurance Manager as a liaison between Pace Analytical-Florida and state/federal regulatory agencies on quality control issues. Mr. Osgood also provided technical support to laboratory operations and clients regarding methodology and project QA/QC requirements and is responsible for performing internal performance audits as well as systems audits on a regular basis.

In January 2019 Mr. Osgood accepted the position as manager of the environmental section of the semivolatiles department. In this role his responsibilities include management of staff and departmental budgeting as well as data validation and review. Mr. Osgood is able to apply his years of technical experience towards method development as well as provide technical support for instrumentation.



TINA BUTTERMORE
SENIOR QUALITY MANAGER, FLORIDA

EDUCATION

M.S. in Pharmacy (University of Florida, 2005)

B.S. in Biochemistry and BS in Microbiology and Cell Science (University of Florida, 2003)

EXPERIENCE

Ms. Buttermore has the responsibility to ensure that the Quality Systems in place at Pace Analytical-Florida are fully implemented and followed in order for the laboratory to achieve established standards of quality. This includes maintaining regulatory compliance, data validation, laboratory analytical protocols, quality assurance documentation and conformance to quality criteria. He serves as a liaison between Pace Analytical-Florida and state/federal regulatory agencies on quality control issues. Ms. Buttermore provides technical support to laboratory operations and clients regarding methodology and project QA/QC requirements and is responsible for performing internal performance audits as well as systems audits on a regular basis.

Ms. Buttermore has eight years experience in the environmental industry in both the analytical and regulatory sectors. She joined Pace Analytical in 2011 as the Technical and Operations Manager for the South Florida operations. As Technical Director and Operations Manager for the South Florida facility of Pace Analytical Services, Ms Buttermore had direct management responsibility for over 20 employees covering client services, analytical services and field services. She has previously held the positions of Quality Assurance Director, Technical Director, and various section management and analyst positions within the laboratory specializing in metals analyses (including ICP-AES, ICP-MS, cold vapor AA) and microbiology and wet chemistry techniques. She has also performed the role of Compliance and Enforcement Officer for both the Florida Department of Environmental Protection and the Florida Department of Health.



TRISHA L. KELLY
Operations Manager

EDUCATION

B.S. Biology (Radford University, 2003)

RELEVANT EXPERIENCE

Ms. Kelly is responsible for day to day management of the entire laboratory to include semi-volatiles, volatiles, wet chemistry, metals, and extractions.

Ms. Kelly past responsibilities have included the direction and coordination of the daily activities of the Semi volatiles analysis area. Her technical background helps her minimize instrumental down times in her area, thus allowing for a consistent and continuous performance of analyses. In order to be able to maintain short turnaround times, she is responsible of maintaining communication with project management and her area's analysts, making sure of the efficient scheduling of the workload. She is also responsible for maintaining her area is validated in accordance with the directives of the QA office, as well as within EPA guidelines, NELAC guidelines, and various other state and federal guidelines.

Since the beginning of her career, Ms. Kelly has advanced quickly in the laboratories she has worked, thanks to her talent, eagerness to learn new methods, and troubleshooting abilities. Her analytical and technical knowledge has made her a source of information for her peers. Her ambitious nature has made her very willing to accept new and specialized projects which may require planning and organization.

Ms. Kelly's 16 years of environmental analytical laboratory experience includes work as an analyst in Wet Chemistry and Microbiology, Inorganic manager, Semi volatiles manager and now Operations manager. She is knowledgeable and proficient in a number of analytical protocols and methods.



BRIAN MARK RUSLER
TECHNICAL DIRECTOR

EDUCATION

BS Chemistry (University of Central Florida, 1989)

REGISTRATONS

American Chemical Society

ACS divisional Affiliations in Environmental Chemistry, Organic Chemistry and chemistry and Law.

Central Florida Officials Association

FHSAA – Florida High School Athletic Association – Referee Monsanto Fellow

EXPERIENCE

Mr. Rusler joined Pace Analytical Services in 2017. He is currently serving as the Technical Director. He is responsible for maintaining close supervision of daily work activities and data production for Semi-Volatiles and Volatiles Departments. His job duties include

- Responsible for ensuring analytical data quality objectives are met
- Expand the analytical capabilities of the laboratory
- Added new methods, micro extraction and SPE
- Maintenance of all analytical instruments used in the laboratory
- Troubleshoot instrument / method problems and resolution
- Maintain close contact with project managers and sales team
- Develop UCMR methods



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ERIC J. BATTISTA
QUALITY MANAGER – TAMPA LABORATORY

EDUCATION

B.S. Chemistry- Clemson University (1997)

RELEVANT EXPERIENCE

Mr. Battista has over 10 years experience as a laboratory analyst, several years as a Project Manager, as well as over 3 years as a Quality Manager. He has working knowledge and established proficiency in a number of analytical procedures, with a primary emphasis in wet chemistry methodology. His experience includes a wide variety of gravimetric, colorimetric, and ion chromatography methods drafted by EPA and Standard Methods, using Discrete Auto Analyzers, Ion Chromatography, and FIA systems. In addition to his wet chemistry experience, he has worked extensively with HPLC-UV, HPLC-FLUOR, and GC-FID systems for a variety of EPA and FLDEP methods. As a Project Manager, he served as the primary liaison between customers and operations through the daily coordination of activities including overseeing sample logins, maintaining customer records, and assuring that final reports are sent to the customers. As a Quality Manager, he has the responsibility and authority for ensuring that the management system related to quality is implemented and followed at all times for the Florida laboratories. His responsibilities include, but are not limited to, document management and distribution, training file maintenance, internal/external on-site assessments, and laboratory data review.

Mr. Battista has worked within a number of areas in the environmental industry, including: Radiochemistry, Wet Chemistry, Metals, and Semi-volatile Organics. His client exposure spans many different types of projects, including groundwater monitoring, site assessments, site remediation, and drinking water monitoring under AFCEE, CLP, RCRA, and CWA/NPDES.



MEGAN STACY
CLIENT SERVICE SUPERVISOR-ORMOND BEACH

EDUCATION

High School Diploma
Daytona State College

EXPERIENCE

Ms. Stacy joined Pace Analytical Services in 2014. Ms. Stacy is responsible for the direction and coordination of the daily staff and activities in the Sample Receiving department in Ormond Beach. Her job duties include: primary point of contact for Project Managers and Sample Receiving, the daily triaging incoming client samples, work closely with the lab to priorities Short Holds/Rushes, logging in samples in a timely manner, subcontracting samples, and managing the day to day operations of the Sample Receiving Department.



HAZEL ARANDA
METALS SUPERVISOR

EDUCATION

B.S., Biology, (University of Central Florida, 2006)

EXPERIENCE

Ms. Aranda joined Pace Analytical Services in 2008. She is currently serving as the Metals Supervisor. She is responsible for the daily management of the metals department. Her job duties include: Planning, coordinating, and directing operations of the department to meet holding times, provide data of appropriate quality, and to deliver analytical reports on time.

Prior to assuming the position of Metals Supervisor with Pace in 2014, Ms. Aranda worked in both the Wet Chemistry and Metals departments on the analytical bench. She is knowledgeable and proficient in a number of analytical protocols, including: ICP, ICP-MS, CVAA instrumentation, IC, Lachat, and UV-Vis.



EDWARD MANEN
ORGANIC EXTRACTION SUPERVISOR

EDUCATION

A.S., Forensic Science (Daytona State College, 2011)

EXPERIENCE

Mr. Manen joined Pace Analytical Services in 2016. He is currently serving as the supervisor for the Organic Extraction Department. He is responsible for the extraction department's output of work as well as the coordination of work with the Semi-Volatiles Department, communication between the lab and management, resolving issues of problematic methods/analytes within the department, adding new extraction procedures to the department, and maintaining inventory for his department. In addition, he is also responsible for extracting 8270D, 8141, 8081, 8082, 608.3 and 8151A waters and 8270, PRO, 8081, 8082 and 8141 soils.



SIEGA KANEYAMA
SUPERVISOR VOLATILE GROUP

Education BS Business Management University of Phoenix AZ 2011

Experience Seiga Kaneyama joined Pace Analytical Services in 2008. She is currently serving as the Supervisor of the Volatile Group. She is responsible for the day to day management of four employees. Her job duties include:

- Manage costs and project workload within the group
- Review and validate data as needed
- Maintain instrumentation
- Train analysts in use of instrumentation
- Oversee and enforce safety policies

Previous Experience

Prior to joining Pace, Seiga Kaneyama worked at Elab Inc. Her job duties included:

- Extracting and concentrating samples
- Metals prep work
- Running Mercury analyzer

Instrumentation

Agilent Technology 5973, 5975
Centurion Autosamplers
EST Evolution concentrators

Methods

SW8260B, D, 200.7, 200.8, 524.2, 624.1, 1311, 1312, 6010, 6020



ADAM SMITH
WET CHEMISTRY / MICROBIOLOGY SUPERVISOR

EDUCATION

Seabreeze High School, 2006

EXPERIENCE

Mr. Smith joined Pace Analytical Services in 2006. He is currently serving as the Wet Chemistry / Microbiology Supervisor. He is responsible for providing or overseeing the analysis, administration and oversight of lab, services, or testing policies, programs and practices; provides feedback and direction, and guidance to employees and management, using professional and technical knowledge of environmental, biological, chemical, and related areas. His job duties include:

- Supervises staff including hiring, training, evaluating performance, and performance management.
- Oversees and supervises broad areas of the operations, such testing, scheduling, inventories, services, communication and general coordination of the lab and services.

Instrumentation/methodologies: Titrations, gravimetric, total organic carbon, biological oxygen demand, UV, distillations as well as many probe-based methods.



ANALYTICAL SERVICES, INC. (ASI)

Microbiological Testing, Research and Consulting

Aimee Benjamin, Ph.D.

Education:

University of Vermont
Ph. D. Animal Science, May 2016

Cornell University
B.S. Animal Science, May 2005

SUNY Cobleskill
B.S. Animal Science, May 2003

Major Areas of Expertise:

EPA methods 1623 and 1623.1 for detection of *Giardia* and *Cryptosporidium*
General Cell Culture

Summary of Experience:

Ms. Benjamin was a graduate student at the University of Vermont prior to coming to ASI. Her research focused on the immune response to bacterial infections in dairy cattle. She presented this research at several professional conferences and received 3rd place for an oral presentation in 2012.

Currently, Dr. Benjamin works as ASI's Protozoa Area Coordinator and EPA/LT2 Principal Analyst, as well as a Staff Microbiologist, performing analysis for 1623, 1623.1 and 1693. In addition, Dr. Benjamin serves as ASI's QA Officer and has trained on virus isolation and detection from water and solid samples using cell culture techniques.

Professional Experience:

Analytical Services Inc., Williston, VT (July 2016 – Present)

Protozoa Area Coordinator / QA officer / EPA-LT2 Principal Analyst / Staff Microbiologist

Responsibilities:

US EPA / LT2 approved Principal Analyst for EPA methods 1623 and 1623.1 for detection of *Giardia* and *Cryptosporidium*

Management and implementation of ASI QA Program (direct report to President of ASI)

General Cell Culture

Virus Isolation and Basic Virology

University of Vermont, Burlington, VT (May 2010 - May 2016)



Graduate Student

Responsibilities:

Primary Cell Isolation and Culturing
 Cell Challenge Studies
 Gene Expression and Protein Analysis
 DNA/RNA extraction
 Teaching Undergraduate Students

Presentations:

“Effects of an early-life LPS challenge on a subsequent LPS challenge in Holstein bull calves.” **A Benjamin**, F Korkmaz, T Elsasser, and D Kerr. ADSA-ASAS Joint Annual Meeting, Orlando, FL July 2015

“Investigating innate immune response differences between Angus and Holstein cattle with the dermal fibroblast model.” **A Benjamin**, W Weber, S McKay, B Crooker, and D Kerr. ADSA-ASAS Joint Annual Meeting, Kansas City, MO July 2014

“Use of dermal fibroblasts to predict the innate immune response to bovine mastitis.” **A Benjamin** and D Kerr. Conference for Research Workers in Animal Disease, Chicago, IL, December 2012

“Variations within the innate immune pathways are not associated with selection for milk production.” **A Benjamin**, B Green, and D Kerr. Mastitis Research Workers Conference, Chicago, IL, November 2011

Publications:

Neonatal LPS exposure does not diminish the innate immune response towards a subsequent LPS challenge in Holstein bull calves. **A. Benjamin**, F. Korkmaz, T. Elsasser, and D. Kerr. *Journal of Dairy Science*. 2016. 99: 1-14.

Differential responsiveness of Holstein and Angus dermal fibroblasts to LPS challenge occurs without major differences in the methylome. **A. Benjamin**, B. Green, B. Crooker, S. McKay, and D. Kerr. *BMC Genomics*. 2016. 17(1):258.

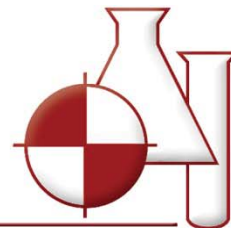
Cow-to-cow variation in fibroblast response to a toll-like receptor 2/6 agonist and its relation to mastitis caused by intramammary challenge with *Staphylococcus aureus*. **A Benjamin**, B Green, L Hayden, J Barlow, and D Kerr. *Journal of Dairy Science*. 2015. 98(3): 1836-50.

Between-cow variation in dermal fibroblast response to lipopolysaccharide reflected in resolution of inflammation during *Escherichia coli* mastitis. S Kandasamy, B Green, **A Benjamin**, and D Kerr. *Journal of Dairy Science* December 2011 (5963-75)



BENCHMARK

EnviroAnalytical, Inc.



Resumé

Dale D. Dixon

Laboratory Director, BenchmarkeA

Dr. Dixon is BenchmarkeA's Laboratory Director and is responsible for laboratories in North Port and Palmetto. As a company co-founder he has led the company from one employee twenty-four years ago to thirty employees currently. During this period, the laboratory operation has changed from initially a predominantly manual mode to a highly automated operation for both analyses and processing generated data. Because of his first-hand experience in this development, Dr. Dixon is intimately familiar with all facets of the environmental laboratory. He has emphasized utilization of up-to-date analytical instruments and automated reporting uploadable to client systems. Under Dr. Dixon's direction the company has grown to a current clientele base that includes industrial, mining, engineering and governmental markets.

Dr. Dixon has 25 years of experience managing all aspects of environmental analyses and sample collection in the field. His experience background includes managing long term surface water studies and groundwater projects for drinking water production sites such as ASR wells with RO systems and groundwater monitoring for large industrial facilities. During the years of operation he has developed numerous relationships with engineering firms and governmental agencies.

Dr. Dixon has extensive laboratory management experience including the areas of organic chemistry, polymer chemistry, catalytic chemistry and analytical chemistry. Prior to the founding of BenchmarkeA, he managed industrial chemical research at Air Products and Chemicals, Inc. Achievements include being named as an inventor on forty-four patents and as an author on twenty-three technical publications. His work won the IR-100 award from Industrial Research Magazine for having one of the one hundred most important inventions for 1978.

Dr. Dixon received a Ph.D. degree in organic chemistry from Oregon State University.



Peter R. Meyer
 Hydrosphere Research
 1049 NE 9th Ave
 Gainesville, FL 32601

WORK EXPERIENCE

Laboratory Manager, Hydrosphere Research 1995-Present

Responsible for overall laboratory operations including but not limited to developing and implementing standard operation procedures, training all laboratory personnel, development and documentation of new and existing test methods, and all aquaculture activities.

Responsible for all testing including routine fresh and saltwater toxicity tests, algal toxicity tests, toxicity identification and reduction evaluation studies, sediment toxicity tests, soil toxicity tests and product toxicity tests.

Conduct an extensive number of acute, chronic and algal toxicity tests including both freshwater and marine species and both static and flow-through test design. Familiar with requirements for Biomonitoring Effluents Programs under EPA's National Pollutant Discharge Elimination System (NPDES).

Laboratory Manager, CH2M Hill 1989-1995

Previously employed in CH2M Hill's Gainesville bioassay laboratory for six years.

RESEARCH

Participated in research project funded by Water Environment Research Foundation and the Environmental Protection Agency titled *Assessment of the Occurrence and Ecological Significance of Endocrine Disrupting Chemicals in Watersheds*. This project has focused on developing a battery of test methods for the occurrence of hormonal activity. These test methods include laboratory fish studies, flow-through fish studies, field studies, and development of the YES Assay, a gene expression assay for detecting the presence estrogen related compounds.

ANALYTICAL EXPERIENCE

Toxicity Bioassays	Biological Culturing	Water analysis
Enzymatic assays	Wastewater analysis	Algal cultures
Algal Assays	Endocrine Assays	TIE/TRE

EDUCATION

University of Florida, Bachelor of Science-Zoology. 1989

PUBLICATIONS

Poster titled "Comparison of Laboratory Generated Photographs and EPA Illustrations of *Mysidopsis bahia*." Presented at SETAC 1994



j. Documentation which establishes the length of time in business in the State of Florida (at least 4 years required)

Pace has been operating labs in Florida since the early 2008 as Pace Analytical Service, Inc. and in October 1, 2016 had a name change to Pace Analytical Services, LLC.

The remainder of this page is left blank.

State of Florida

Department of State

I certify from the records of this office that PACE ANALYTICAL SERVICES, LLC is a Minnesota limited liability company authorized to transact business in the State of Florida, qualified on December 23, 2016.

The document number of this limited liability company is M16000010338.

I further certify that said limited liability company has paid all fees due this office through December 31, 2019, that its most recent annual report was filed on March 20, 2019, and that its status is active.

I further certify that said limited liability company has not filed a Certificate of Withdrawal.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Seventeenth day of January,
2020*




Secretary of State

Tracking Number: 2689673760CU

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>



1800 Elm Street SE
Minneapolis, MN 55414
(612) 607-6400

October 18, 2016

This letter is to inform you that Pace Analytical Services, Inc. is now Pace Analytical Services, LLC. On October 1, 2016, Steve Vanderboom, CEO, brought in a new business partner. Our leadership structure, staff, strategy and approach to working with clients and vendors remains the same. We will continue to offer our clients the best analytical services in the industry.

Please note, Pace's Federal ID number remains the same: 41-1821617.

If you have any questions, please feel free to contact:

Mike Prasch, CFO - Michael.Prasch@pacelabs.com

Stacy McClintock, Controller - Stacy.McClintock@pacelabs.com

Thank you.

A handwritten signature in black ink that reads "Michael Prasch".

Michael Prasch, CFO
Pace Analytical Services, LLC

State of Florida

Department of State

I certify from the records of this office that PACE ANALYTICAL SERVICES, INC. is a Minnesota corporation authorized to transact business in the State of Florida, qualified on July 29, 2008.

The document number of this corporation is F08000003333.

I further certify that said corporation has paid all fees due this office through December 31, 2014, that its most recent annual report/uniform business report was filed on January 8, 2014, and its status is active.

I further certify that said corporation has not filed a Certificate of Withdrawal.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Nineteenth day of June, 2014*



Ken Detjen
Secretary of State

Authentication ID: CU2558940882

To authenticate this certificate, visit the following site, enter this ID, and then follow the instructions displayed.

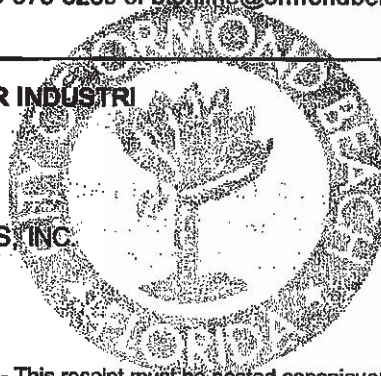
<https://efile.sunbiz.org/certauthver.html>

14-09588

CITY OF ORMOND BEACH
P.O. Box 277
Ormond Beach, FL 32175-0277
386-676-3233 or btonline@ormondbeach.org

Fee: \$72.50
Valid 1/02/14 - 9/30/14

Classification	Comments/Restrictions	Location / Phone
LABORATORIES -SCIENTIFIC &/OR INDUSTRI		8 E TOWER CIR (386) 676-4802
PACE ANALYTICAL SERVICES, INC. 8 EAST TOWER CIRCLE ORMOND BEACH FL 32174		

**BUSINESS TAX RECEIPT**

Subject to Code of Ordinances Chapter 12 - This receipt must be posted conspicuously in your place of business. Penalty for failure to do so.

2013/ 2014

Volusia County Business Tax Receipt

Issued pursuant to F.S. 205 and Volusia County Code of Ordinances Chapter 114-1 by:
 Volusia County Revenue Division - 123 W Indiana Ave, Room 103, DeLand, FL 32720 - 386-736-5938



Receipt # 199402080007 Expires: September 30, 2014
 Business Location: 8 E TOWER CIR

Business Name: PACE ANALYTICAL SERVICES INC
 Owner Name: PACE ANALYTICAL SERVICES INC
 Mailing Address: 8 E TOWER CIR
 ORMOND BEACH, FL 32174

BUSINESS TYPE	CODE	COUNT	TAX
Business Service State Lic Req	472	70	\$150.00
Hazardous Waste Fee	820		\$36.00

- This receipt indicates payment of a tax, which is levied for the privilege of doing the type(s) of business listed above within Volusia County. This receipt is non-regulatory in nature and is not meant to be a certification of the holder's ability to perform the service for which he is registered. This receipt also does not indicate that the business is legal or that it is in compliance with State or local laws and regulations.
- The business must meet all County and/or Municipality planning and zoning requirements or this Business Tax Receipt may be revoked and all taxes paid would be forfeited.
- The information contained on this Business Tax Receipt must be kept up to date. Contact the Volusia County Revenue Division for instructions on making changes to your account.

**THIS PORTION OF THE BUSINESS TAX RECEIPT MUST BE
 POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS**

Volusia County Business Tax Receipt

Revenue Division - 123 W Indiana Ave, Room 103, DeLand, FL 32720 - 386-736-5938

DATE PAID: 07/31/2013

PAYMENT Lockbox-12-00098855
 RECEIPT #:

Business Name: PACE ANALYTICAL SERVICES INC
 Owner Name: PACE ANALYTICAL SERVICES INC
 Mailing Address: 8 E TOWER CIR
 ORMOND BEACH, FL 32174

TOTAL TAX: 186.00

PENALTY: 0.00

TOTAL PAID: 186.00

Receipt # 199402080007 Expires: September 30, 2014
 Business Location: 8 E TOWER CIR

PLEASE DETACH THIS PORTION OF THE BUSINESS TAX RECEIPT FOR YOUR RECORDS



k. Laboratories with service contracts cancelled within the previous five years due to failure to provide accurate testing results are not eligible to bid.

Pace has not been removed from a contract due to failure to provide accurate testing results.



Appendix A – City of Ormond Beach bid forms and additional information.

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City of Ormond Beach

22 South Beach Street
Ormond Beach, Florida 32174
Telephone (386) 676-3223
Fax (386) 676-3374

INVITATION TO BID

BIDDER ACKNOWLEDGEMENT FORM

THIS FORM MUST BE COMPLETED AND RETURNED WITH YOUR BID

BID TITLE: **LABORATORY TESTING SERVICES**

BID NUMBER: **2020-23**

BID OPENING DATE & TIME: **June 10, 2020 at 2:00 PM**

BID OPENING LOCATION: **1st Floor Training Room, Ormond Beach City Hall, 22 S. Beach Street, Ormond Beach, Florida**

PRE-BID MEETING DATE & TIME: **May 26, 2020 at 11:00 AM**

PRE-BID MEETING LOCATION: **Public Works Training Room, 501 Orchard Street, Ormond Beach, FL 32174**

Bids Received After The Above Date And Time Will Not Be Accepted.

BIDDER'S NAME: Pace Analytical Services, LLC

BIDDER'S MAILING ADDRESS: 8 East Tower Circle

CITY-STATE-ZIP: Ormond Beach, FL 32174

F.E.I.N.: 41-1821617

PHONE NUMBER: 386-672-5668

EMAIL: Garrett.Ervin@pacelabs.com

If returning as a "No Bid", please state reason (s): _____

I certify that this Bid is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a Bid for the same materials, supplies, or equipment, and is in all respects fair and made without collusion or fraud. I agree to abide by all conditions of this Bid and certify that I am authorized to sign this Bid for the Bidder. In submitting a Bid to the City of Ormond Beach, the Bidder offers and agrees that if the Bid is accepted, the Bidder will convey, assign or transfer to the City of Ormond Beach all rights, title, and interest in and to all causes of action it may now or hereafter acquire under the Antitrust laws of the United States and the State of Florida for price fixing relating to the particular commodities or services purchased or acquired by the City of Ormond Beach. At the City's discretion, such assignment shall be made and become effective at the time the City tenders final payment to the Bidder.

X

Garrett Ervin
AUTHORIZED SIGNATURE (MANUAL)

Garrett Ervin

NAME (TYPED)

General Manager

TITLE

6/10/2020

DATED

BID RESPONSE FORM

THIS BID IS SUBMITTED TO:
(Name and Address of Owner)

Purchasing Coordinator
City of Ormond Beach
22 S. Beach Street
Ormond Beach, Florida 32174
Phone: (386) 676-3223

The undersigned BIDDER proposes and agrees, if this Bid is accepted, to enter into an Agreement with the CITY in the form included in the Bid Documents to complete all Work as specified or indicated in the Bid Documents for the Contract Price and within the Contract Time indicated in this Bid and in full accordance with the Bid Documents.

BIDDER certifies that he has investigated the requirements to do business in the jurisdiction where the project is located, and that he is either qualified to do business or will obtain such prequalification prior to award of the contract.

BIDDER accepts all of the terms and conditions of the General Conditions. BIDDER will sign the Agreement (Contract) and submit the Contract security (when applicable) and other documents required by the Contract Documents within ten (10) days after the date of CITY's Notice of Award.

In submitting this Bid, BIDDER represents, as more fully set forth in the Agreement, that:

BIDDER has examined copies of all the Bid Documents and of the following Addenda:

<u>Addendum Date</u>	<u>Addendum Number</u>
<u>6/2/2020</u>	<u>1</u>
<u>6/4/2020</u>	<u>2</u>
<u>6/9/2020</u>	<u>3</u>

Receipt of all of which is hereby acknowledged.

BIDDER has examined the site and locality where the Work is to be performed, when applicable, the legal requirements (federal, state and local laws, ordinances, rules and regulations) and the conditions affecting cost, progress or performance of the Work and has made such independent investigations as BIDDER deems necessary.

BID RESPONSE FORM
(continued)

This Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; BIDDER has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; BIDDER has not solicited or induced any person, firm or a corporation to refrain from bidding; and BIDDER has not sought by collusion to obtain for himself any advantage over any other Bidder or over the CITY.

THIS BID IS SUBMITTED BY:

COMPANY NAME: Pace Analytical Services, LLC

VENDOR/CONTRACTOR LICENSE NUMBER: _____

ADDRESS: 8 East Tower Circle
Ormond Beach, FL 32174

PHONE NO.: 386-672-5668 EMAIL: Garrett.Ervin@pacelabs.com

SUBMITTER'S NAME: Garrett Ervin
 (Typed or Printed in Ink)

TITLE: General Manager

AUTHORIZED SIGNATURE: I,  hereby
 (Original Signature)

declare that I have read and fully understand the Invitation to Bid, including the General Conditions, Specifications and Drawings (when applicable) and that I am duly authorized to sign and submit this bid.

The CITY reserves the right to reject any and all bids, to waive informalities, and to accept any bid or parts thereof as the CITY, in its sole discretion, determines to be in the best interest of the CITY.

City of Ormond Beach
LABORATORY TESTING SERVICES 2020
Bid No. 2020-23

The BIDDER will fill in the MDL listed on the bid sheets and complete the Work, as described herein, for the following price(s):

Reuse Effluent Analysis

PARAMETERS	Methods	Matrix	No. of Samples	Unit Cost	Subtotal
Primary & Secondary Drinking Water Standards, including: 504.1,508.1	Various	ww	3	\$ 976.50	\$2,929.50
515.3, 524.2,Hg,As,Ba,Cd,Cr,Cu, Fe, Mn,Ag,Na,Zn,An,Pb,Se,Cl,F,NO3, SO4,MBAS,pH,TDS,Radium 226/228,Gross Alpha	SEE PERMIT				
Effluent Analysis Subtotal				\$ 2,929.50	

Industrial Pre Treatment

PARAMETERS	Methods	Matrix	MDL	No. of Samples	Unit Cost	Subtotal
As, Cd, Cr, Cu, Pb, Mo, Ni, Se, Ag, Zn, Oil & Grease (hexane method)	200.7	ww		5	\$ 70.00	\$ 350.00
Cyanide	335.3	WW	0.005 mg/L	5	\$ 18.00	\$ 90.00
Mercury	1631E	WW	0.25 ng/L	5	\$ 55.00	\$ 275.00
TSS	160.1	WW	1 mg/L	5	\$ 7.00	\$ 35.00
BOD	405.1	WW	2 mg/L	5	\$ 13.00	\$ 65.00
TTO (including:624,625,608)	Various	WW		5	\$ 205.00	\$ 1,025.00
Pre Treatment Subtotal					\$ 1,840.00	

Wastewater

PARAMETERS	Methods	Matrix	MDL	No. of Samples	Unit Cost	Subtotal
Priority Pollutants for Effluent and Influent (including: 608, 624,625,Cyanide,phenolics, Hg,Sb,As,Be,Cd,Cr,Cu,Pb,Ni, Se,Ag,Tl,Zn, Oil & Grease	Various	WW		2	\$ 337.00	\$ 674.00
	SEE PERMIT					
503 Sludge	Various	WW		4	\$ 91.00	\$ 364.00
Cryptosporidium and Giardia	1623	WW	*see bottom of page	1	\$ 700.00	\$ 700.00
Acute Bioassay	EPA 821-R-02-012 (FW acute) (2000.0)	WW	N/A	2	\$ 2,800.00	\$ 5,600.00
Low Level Mercury	1631E	WW	0.25 ng/L	2	\$ 55.00	\$ 110.00
Sampling Disposal Fee for Mercury		WW		2	\$ 5.00	\$ 10.00
Nickel	200.8	WW	0.62 ug/L	12	\$ 4.50	\$ 54.00
Copper	200.8	WW	0.93 ug/L	12	\$ 4.50	\$ 54.00
Dichlorobromomethane	524.2	WW	0.25 ug/L	12	\$ 25.00	\$ 300.00
Zinc	200.8	WW	4.29 ug/L	12	\$ 4.50	\$ 54.00
Sodium	200.7	WW	273 ug/L	52	\$ 3.50	\$ 182.00
Magnesium	200.7	WW	84 ug/L	52	\$ 3.50	\$ 182.00
Calcium	200.7	WW	64.1 ug/L	52	\$ 3.50	\$ 182.00
Chloride	300.0	WW	2.5 mg/L	52	\$ 6.00	\$ 312.00
TDS	2540C	WW	5 mg/L	52	\$ 8.00	\$ 416.00
Fluoride	300.0	WW	0.0146 mg/L	52	\$ 6.00	\$ 312.00
CBOD	SM5210B	WW	2 mg/L	540	\$ 13.00	\$ 7,020.00
TSS	2540D	WW	1 mg/L	644	\$ 7.00	\$ 4,508.00
TKN	351.2	WW	0.086 mg/L	540	\$ 12.00	\$ 6,480.00
NOX	353.2	WW	0.033 mg/L	260	\$ 6.00	\$ 1,560.00
TP	365.4	WW	0.05 mg/L	520	\$ 9.00	\$ 4,680.00
Enterococci	Enterolert/ Quant-tray	WW	1 MPN/100ml	260	\$ 8.00	\$ 2,080.00
Fecal Coliform	SM9222D	WW	1 CFU/100ml	365	\$ 8.00	\$ 2,920.00
Fecal Coliform Additional Costs for Weekend Work		WW	1 CFU/100ml	104	\$ 16.00	\$1,664.00
Wastewater Subtotal						\$ 40,418.00

* = 1 microorganism/unit weight or volume analyzed

Biosolids

PARAMETERS	Methods	Matrix	No. of Samples	Unit Cost	Subtotal
503.13 Sludge Rule (including:	Various	sludge	4	\$ 82.00	\$ 328.00
Hg,As,Cd,Cr,Cu,Pb,Mo,Ni,K,Se,					
Zn,pH,Total Nitrogen and					
Phosphorus)					
Biosolids Subtotal				\$ 328.00	

Groundwater Monitoring

PARAMETERS	Methods	Matrix	MDL	No. of Samples	Unit Cost	Subtotal
Sodium	6010	GW	272.7 ug/L	28	\$ 3.50	\$ 98.00
TDS	160.1	GW	5 mg/L	28	\$ 8.00	\$ 224.00
Fecal	SM9222D	GW	1 CFU/100ml	28	\$ 8.00	\$ 224.00
Turbidity	180.1	GW	0.2 NTU	28	\$ 5.00	\$ 140.00
pH	150.1	GW	0.1 SU	28	\$ 4.00	\$ 112.00
Cl	300.0	GW	2.5 mg/L	28	\$ 6.00	\$ 168.00
Nitrates	300.0	GW	0.025 mg/L	28	\$ 6.00	\$ 168.00
SO4	300.0	GW	2.5 mg/L	28	\$ 6.00	\$ 168.00
TTHM	524.2	GW	0.32 ug/L	28	\$ 25.00	\$ 700.00
Bis (2-ethylhexyl) phthalate	525	GW	0.5 ug/L	28	\$ 95.00	\$ 2,660.00
Groundwater Subtotal					\$ 4,662.00	

Water

PARAMETERS	Methods	Matrix	MDL	No. of Samples	Unit Cost	Subtotal
Fluoride	300.0	W	0.0146 mg/L	12	\$ 6.00	\$ 72.00
HAA5	552.1	W	0.9 ug/L	4	\$ 45.00	\$ 180.00
Lead and Copper	200.8	W	0.22/0.93 ug/L	37	\$ 9.00	\$ 333.00
Nitrate/Nitrite	300.0	W	0.033 mg/L	1	\$ 6.00	\$ 6.00
Nitrite	300.0	W	0.025 mg/L	1	\$ 6.00	\$ 6.00
Ortho-phosphorous	300.0	W	0.0038 mg/L	12	\$ 6.00	\$ 72.00
pH	150.1	W	0.1 SU	2	\$ 4.00	\$ 8.00
Total Coliforms	SM9223B or SM9222B	W	1 CFU/100ml	900	\$ 8.00	\$ 7,200.00
Total Cyanide	335.3/9012	W	0.005 mg/L	1	\$ 18.00	\$ 18.00
Total Organic Carbon	SM5310B	W	0.5 mg/L	50	\$ 13.00	\$ 650.00
Thallium	200.9	W	0.292 ug/L	1	\$ 30.00	\$ 30.00
TTHM	524.2	W	0.32 ug/L	6	\$ 25.00	\$ 150.00
Gross Alpha	900.0	W	3 pCi/L	1	\$ 30.00	\$ 30.00
Radium 226	903.1	W	1 pCi/L	1	\$ 55.00	\$ 55.00
Radium 228	903.1	W	1 pCi/L	1	\$ 55.00	\$ 55.00
Endothall	548.1	W	3.33 ug/L	1	\$ 55.00	\$ 55.00
Glyphosate	547	W	4.23 Ug/L	1	\$ 45.00	\$ 45.00
Dioxin	1613	W	2.25 pg/L	1	\$ 195.00	\$ 195.00
Analyte Groups / Calculations						
Primary Inorganics	various	W		1	\$ 91.50	\$ 91.50
Secondary Inorganics	various	W		1	\$ 92.00	\$ 92.00
Regulated SOCs	various	W		1	\$ 628.00	\$ 628.00
Regulated VOCs	various	W		1	\$ 45.00	\$ 45.00
Mercury	7471	W	0.004 mg/kg	1	\$ 12.00	\$ 12.00
Dissolved Oxygen	360.1	W	1 mg/L	1	\$ 6.00	\$ 6.00
Water Subtotal					\$ 10,034.50	

Consumptive Use Permit Samples

PARAMETERS	Methods	Matrix	MDL	No. of Samples	Unit Cost	Subtotal
Calcium	200.7	W	64.1 ug/L	16	\$ 3.50	\$ 56.00
Magnesium	200.7	W	84 ug/L	16	\$ 3.50	\$ 56.00
Sodium	200.7	W	272 ug/L	16	\$ 3.50	\$ 56.00
Potassium	200.7	W	150 ug/L	16	\$ 3.50	\$ 56.00
Iron	200.7	W	9.2 ug/L	16	\$ 3.50	\$ 56.00
Chlorides	300.0	W	2.5 mg/L	61	\$ 6.00	\$ 366.00
Sulfate	300.0	W	2.5 mg/L	16	\$ 6.00	\$ 96.00
Total Dissolved Solids	160.1	W	5 mg/L	16	\$ 8.00	\$ 128.00
Conductivity	120.1	W	2 umhos/cm	16	\$ 5.00	\$ 80.00
Alkalinity Bicarbonate	SM2320	W	5 mg/L	16	\$ 8.00	\$ 128.00
Alkalinity Carbonate	SM2320	W	5 mg/L	16	\$ 8.00	\$ 128.00
CUP Water Subtotal						\$ 1,206.00

Occasionally it may be necessary to receive sample results before the normal turn around time. Insert the proposed rush charges in the following matrix as a percentage surcharge over the normal contract price.

<u>Turnaround Time</u>	<u>RUSH SURCHARGES</u>
6-7 Working Days	25 % markup
5 Working Days	37.5 % markup
4 Working Days	50 % markup
3 Working Days	75 % markup
1-2 Working Days	100 % markup

The bid basis for the contract award is the sum of the individual parameters.

TOTAL BID FOR CONTRACT \$ 61,418.00

(Figures)

Sixty-One Thousand Four-Hundred Eighteen Dollars and 00/100
(Words)

SUBCONTRACTORS LIST

If any Subcontractors are proposed to be used for any portions of the Work, the names, addresses, phone numbers and work classifications of each such Subcontractor must be listed. The failure to list all Subcontractors proposed for the work will result in the Bid being rejected as incomplete and nonresponsive. If more than one subcontractor is listed, selection will be made by the OWNER.

Subcontractors:

Work Classification: Laboratory Services - Giardia/Cryptosporidium

Name: Analytical Services, Inc.

Address: 130 Allen Brook Lane, Williston, VT 05494

Phone Number: 802-876-1339 Fax Number: _____

Work Classification: Laboratory Services - Bioassay

Name: Hydrosphere Research

Address: 11842 research Circle, Alachua, FL 32615

Phone Number: 386-462-7889 Fax Number: _____

Work Classification: Laboratory Services - 200.9 Thallium

Name: Benchmark EA

Address: 1711 12th Street East, Palmetto, FL 34221

Phone Number: 941-723-9986 Fax Number: _____

City of Ormond Beach
LABORATORY TESTING SERVICES 2020
Bid No. 2020-23

CONFLICT, NON-CONFLICT OF INTEREST STATEMENT
LITIGATION STATEMENT

- ☒ [X] To the best of our knowledge, the undersigned firm has no potential conflicts of interest due to any other clients or contracts for this project.
- ☐ [] The undersigned firm, by attachment to this form, submits information which may be a potential conflict of interest due to other clients or contracts for this project.
- ☒ [X] The undersigned firm has had no litigation on any project in the last five (5) years.
- ☐ [] The undersigned firm, by attachment to this form, submits a summary and disposition of individual cases of litigation during the past five (5) years.

Pace Analytical Services, LLC
COMPANY NAME

AUTHORIZED SIGNATURE

Garrett Ervin
NAME (PRINT OR TYPE)

General Manager
TITLE

CITY OF ORMOND BEACH DRUG-FREE WORKPLACE CERTIFICATION

IDENTICAL OR "TIE" BID: Preference shall be given to businesses with drug-free workplace programs. Whenever two or more Bids which are equal in respect to price, quality, and service are received by the State or by any political subdivision for the procurement of commodities or contractual services, a Bid received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. Established procedures for processing tie Bids will be followed if none of the tied vendors have a drug-free workplace program. In order to have a drug-free workplace program, a business shall:

Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violation.

Give each employee that engages in providing the commodities or contractual services that are under proposal a copy of the statement specified in subsection (1).

In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under proposal, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) calendar days after such conviction.

Impose sanctions on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.

Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

Pace Analytical Services, LLC

COMPANY NAME



AUTHORIZED SIGNATURE

Garrett Ervin

NAME (PRINT OR TYPE)

LOCAL VENDOR PREFERENCE

The following is taken from the Code of Ordinances, City of Ormond Beach, Chapter 2, Financial Matters, Division 3, Purchasing, Article IX, Section 2-304:

Except where otherwise provided by federal or state law or other funding source restrictions, purchases of goods and services under the Purchasing Code shall give preference to local businesses as follows:

- (a) Under a competitive bid solicitation, the City *may* give a local preference in the amount of three percent (3%) of the bid price or \$25,000, whichever is less. The bid price shall include not only the base bid price but all alternatives which are part of the bid and actually purchased or awarded.
- (b) A *local business* shall mean a vendor that has a valid occupational license issued by the City of Ormond Beach at least one year prior to bid opening, with a physical business address located within the municipal boundaries of the City of Ormond Beach from which the vendor operates or performs business on a day-to-day basis that is a substantial component of the goods or services being offered and has provided a Local Vendor Affidavit of Eligibility at the time the bid is submitted.
- (c) A *Local Vendor Affidavit of Eligibility* shall accompany the bid submittal to be considered valid and shall include, but not be limited to, the following information:
 - (1) A physical business and location address;
 - (2) A copy of current City of Ormond Beach Local Business Tax Receipt (occupational license) to verify the business location;
 - (3) Proof of payment of business tax and real property tax due to the City of Ormond Beach;
 - (4) A copy of the firm's most recent annual corporation report to the Florida Division of Corporations;
 - (5) Any additional information necessary to verify local status.
- (d) *Exemptions:* Goods or services provided under a cooperative purchasing agreement, contracts for professional services subject to Consultants' Competitive Negotiation Act, purchases or contracts funded in whole or part by a governmental entity that does not allow local preferences, purchases made under another agency's agreements or contracts (piggybacking), purchases under emergency or sole source situations and procurements subject to formal proposals including but not limited to request for proposals (RFP) or continuing contract, and request for quotes (RFQ) versus straight competitive bids.
- (e) This section shall not be deemed to require the granting of a local preference, and nothing herein prohibits the award of a contract to a non-local vendor where such award is in the public interest.



Local Vendor Affidavit of Eligibility

I certify that my company meets all of the following qualifications to be eligible for the local vendor preference:

- My company has a physical business address located within the municipal boundaries of the City of Ormond Beach which is used to perform business on a day-to-day basis.
- My company holds any business (occupational) or contractor license required by the City of Ormond Beach at least one year prior to bid opening.
- Payment of business tax and real property tax due to the City of Ormond Beach is current
- My company is in compliance with annual reporting to the Florida Division of Corporations

Company Name: Pace Analytical Services, LLC

Address: 8 East Tower Circle, Ormond Beach, FL 32174

Business or Contractor License Number: 20-28125

Phone Number: 386-672-5668 Fax Number: 386-672-5828

Owner's Name: Garrett Ervin Signature: Garrett Ervin

Sworn to before me this 10th day of June

Notary Public for the State of FL My Commission Expires 5/23/23

Notary Public Signature: Kendra N. Price Printed Name: Kendra N. Price

To be approved as a local bidder and receive bid preference on an eligible local project, this affidavit of eligibility, a copy of your local business or contractor license, copy of business tax/real property tax and a copy of the firm's most recent annual corporation report must be submitted with your bonafide BID package. Bid preference is provided at the City's sole discretion.

VENDOR DO NOT COMPLETE BELOW

To be verified and completed by an authorized representative of the City of Ormond Beach's Purchasing Department:

Vendor Certified by: _____ Date: _____



Kendra N. Price
Comm. #GG338253
Expires: May 23, 2023
Bonded Thru Aaron Notar

**Attention commercial locations, the following certification
applies to all new and renewed business tax receipts:**

8.F.a

I certify under oath with a penalty of perjury, that all of the information contained herein is true and correct. If any portion is found to be false or misrepresented, such fact may be just cause for immediate revocation of any business tax receipt/registration issued to me and may subject me to prosecution. I acknowledge that the issuance of this business tax receipt is contingent upon complying with the building and fire prevention requirements of the City. I consent to inspection of the property by the City at any time between 9:00 a.m. and 5:00 p.m. Inspections will be performed, and should deficiencies be found that are in conflict with the City code, I understand that the City will not issue the business tax receipt until I (or the owner of the building, if leased) make the required corrections. I understand that should corrections be necessary, I am not permitted to operate this business until those corrections have been made. It is further understood that I must comply with the code of the City of Ormond Beach and failure to correct conditions which are in violation is punished under the code or sufficient cause for revocation of my business tax receipt/registration. I understand that if I engage in a business under a fictitious name, I must comply with the fictitious name statute.

20-28125

CITY OF ORMOND BEACH
P.O. Box 277
Ormond Beach, FL 32175-0277
386-676-3233 or btonline@ormondbeach.org

Fee: \$72.50
Valid 9/30/19 - 9/30/20

Classification Comments/Restrictions

LABORATORIES -SCIENTIFIC &/OR INDUSTRI

Location / Phone

8 E TOWER CIR

(386) 676-4802

PACE ANALYTICAL SERVICES, LLC
8 EAST TOWER CIRCLE
ORMOND BEACH FL 32174



BUSINESS TAX RECEIPT

Subject to Code of Ordinances Chapter 12 - This receipt must be posted conspicuously in your place of business. Penalty for failure to do so.

2020 FOREIGN LIMITED LIABILITY COMPANY ANNUAL REPORT

DOCUMENT# M16000010338

Entity Name: PACE ANALYTICAL SERVICES, LLC

Current Principal Place of Business:

1800 ELM STREET SE
MINNEAPOLIS, MN 55414-2500

Current Mailing Address:

1800 ELM STREET SE
MINNEAPOLIS, MN 55414 US

FEI Number: 41-1821617

Certificate of Status Desired: No

Name and Address of Current Registered Agent:

C T CORPORATION SYSTEM
1200 SOUTH PINE ISLAND ROAD
PLANTATION, FL 33324 US

The above named entity submits this statement for the purpose of changing its registered office or registered agent, or both, in the State of Florida.

SIGNATURE:

Electronic Signature of Registered Agent

Date

Authorized Person(s) Detail :

Title MEMBER
Name PAS PARENT, INC.
Address 10877 WILSHIRE BLVD, SUITE 2100
City-State-Zip: LOS ANGELES CA 90024

I hereby certify that the information indicated on this report or supplemental report is true and accurate and that my electronic signature shall have the same legal effect as if made under oath; that I am a managing member or manager of the limited liability company or the receiver or trustee empowered to execute this report as required by Chapter 605, Florida Statutes; and that my name appears above, or on an attachment with all other like empowered.

SIGNATURE: PAS PARENT, INC.

MEMBER

03/20/2020

Electronic Signature of Signing Authorized Person(s) Detail

Date

FILED

Mar 20, 2020

Secretary of State

1622206463CC

8.F.a

2019/ 2020

Volusia County Business Tax Receipt

Issued pursuant to F.S. 205 and Volusia County Code of Ordinances Chapter 114-1 by:
 Volusia County Revenue Division - 123 W Indiana Ave, Room 103, DeLand, FL 32720 – (386) 736-5938



Account # 199402080007 Expires: September 30, 2020
 Business Location: 8 E TOWER CIR

Business Name: PACE ANALYTICAL SERVICES INC
 Owner Name: PACE ANALYTICAL SERVICES INC
 Mailing Address: 8 E TOWER CIR
 ORMOND BEACH, FL 32174

BUSINESS TYPE	REQ DOC #	CODE	COUNT	TAX
Business Service State Lic Req	E83079	472	70	\$150.00
Hazardous Waste Fee		820		\$39.00

- This receipt indicates payment of a tax, which is levied for the privilege of doing the type(s) of business listed above within Volusia County. This receipt is non-regulatory in nature and is not meant to be a certification of the holder's ability to perform the service for which he is registered. This receipt also does not indicate that the business is legal or that it is in compliance with State or local laws and regulations.
- The business must meet all County and/or Municipality planning and zoning requirements or this Business Tax Receipt may be revoked and all taxes paid would be forfeited.
- The information contained on this Business Tax Receipt must be kept up to date. Contact the Volusia County Revenue Division for instructions on making changes to your account.

**THIS PORTION OF THE BUSINESS TAX RECEIPT MUST BE
 POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS**

Volusia County Business Tax Receipt

Revenue Division - 123 W Indiana Ave, Room 103, DeLand, FL 32720 – (386) 736-5938

DATE PAID: 09/27/2019
 RECEIPT #: BT 1-18-0007591
 TOTAL TAX: 189.00
 PENALTY: 0.00
 TOTAL PAID: 189.00



Business Name: PACE ANALYTICAL SERVICES INC
 Owner Name: PACE ANALYTICAL SERVICES INC
 Mailing Address: 8 E TOWER CIR
 ORMOND BEACH, FL 32174



Account # 199402080007 Expires: September 30, 2020
 Business Location: 8 E TOWER CIR

PLEASE DETACH THIS PORTION OF THE BUSINESS TAX RECEIPT FOR YOUR RECORDS

Pace Analytical Services, LLC
14506 COUNTY OF VOLUSIA

1125829809

Check Number: **0405227**
Date: 12/27/2019

8.F.a

Invoice Number	Date	Voucher Number	Description	Amount	Discount	Paid Amount
421802000610DEC19	12/24/2019	VCH00000001001606	ORMOND BCH REAL ESTAT	\$24,827.30	\$0.00	\$24,827.30

TOTALS: \$24,827.30 \$0.00 \$24,827.30

Pace Analytical Services, LLC
14506 COUNTY OF VOLUSIA

1125829809

Check Number: **0405227**
Date: 12/27/2019

Invoice Number	Date	Voucher Number	Description	Amount	Discount	Paid Amount
421802000610DEC19	12/24/2019	VCH00000001001606	ORMOND BCH REAL ESTAT	\$24,827.30	\$0.00	\$24,827.30

TOTALS: \$24,827.30 \$0.00 \$24,827.30

TAC(TM) smcclintock CDD 16E66-E697F6-FB02-Q2/27/2019

Pace Analytical Services, LLC
Accounts Payable
1800 Elm St SE
Minneapolis, MN 55414

Check Number: **0405227**
JPMorgan Chase Bank, N.A.
Milwaukee, WI
Milwaukee, WI
12-1/750

Pay Twenty Four Thousand Eight Hundred Twenty Seven Dollars and 30 Cents **DATE** Dec 27, 2019 **AMOUNT** \$24,827.30

To The Order Of:

COUNTY OF VOLUSIA
REVENUE DIVISION
123 W. INDIANA AVE., RM 103
DELAND, FL 32720-4602



VOLUSIA COUNTY
NOTICE OF AD VALOREM TAXES AND NON-AD VALOREM ASSESSMENTS
REAL ESTATE ANNUAL TAX BILL

8.F.a

PROPERTY ADDRESS: 8 E TOWER CIR
ORMOND BEACH 32174
LEGAL DESCRIPTION: LOT 61 & W 155.29 FT OF LOT 62 A IRPORT BUSINESS PARK
PHASE I I MB 43 PGS 29-30 INC PER OR 390 2 PG 4147 PER OR
5499 PG 141 9 PER OR 6276 PGS 2039-2042 INC PER OR 6276
PGS 2043-2045 IN
See Additional Legal on Tax Roll

PACE ANALYTICAL SERVICES LLC
1800 ELM ST SE
MINNEAPOLIS, MN 55414



Pay Online

PARCEL: 421802000610
ALTERNATE KEY: 5142108
MILLAGE CODE: 201
TAX YEAR: 2019

21030-00-100
Ormond Beach Real Estate Tax

Pay online at volusia.county-taxes.com

WALK-IN CUSTOMERS PLEASE BRING ENTIRE NOTICE

TAXES BECOME DELINQUENT APRIL 1

IF POSTMARKED BY:	Nov 30, 2019	Dec 31, 2019	Jan 31, 2020	Feb 29, 2020	Mar 31, 2020
DISCOUNT:	4%	3%	2%	1%	0%
PAY THIS AMOUNT:	24,571.34	24,827.30	25,083.25	25,339.20	25,595.15

AD VALOREM TAXES

TAXING AUTHORITY	MILLAGE	ASSESSED VALUE	EXEMPTION	TAXABLE VALUE	TAX AMOUNT
COUNTY	6.14200	1,441,825	0	1,441,825	8,855.69
VOLUSIA FOREVER	0.11220	1,441,825	0	1,441,825	161.77
VOLUSIA ECHO	0.20000	1,441,825	0	1,441,825	288.37
VOLUSIA FOREVER I&S 2005	0.08780	1,441,825	0	1,441,825	126.59
VOLUSIA COUNTY MOSQUITO CONTRO	0.18800	1,441,825	0	1,441,825	271.06
PONCE INLET PORT AUTHORITY	0.09290	1,441,825	0	1,441,825	133.95
SCHOOL	6.08100	1,441,825	0	1,441,825	8,767.75
ORMOND BEACH I&S 2002	0.00000	1,441,825	0	1,441,825	0.00
ORMOND BEACH	4.08700	1,441,825	0	1,441,825	5,892.74
ORMOND BEACH I&S 2003	0.03300	1,441,825	0	1,441,825	47.58
ORMOND BEACH I&S 2010	0.10000	1,441,825	0	1,441,825	144.18
ST JOHNS WATER MANAGEMENT DIST	0.24140	1,441,825	0	1,441,825	348.06
FLORIDA INLAND NAVIGATION DIST	0.03200	1,441,825	0	1,441,825	46.14
HALIFAX HOSPITAL AUTHORITY	0.35460	1,441,825	0	1,441,825	511.27

TOTAL MILLAGE RATE: 17.75190

TOTAL TAXES: \$25,595.15

NON-AD VALOREM ASSESSMENTS

LEVYING AUTHORITY	TELEPHONE	RATE PER UNIT	AMOUNT
-------------------	-----------	---------------	--------

TOTAL ASSESSMENTS: \$0.00

TOTAL COMBINED TAXES AND ASSESSMENTS: \$25,595.15

For additional information please see reverse side.

Pay online at volusia.county-taxes.com

Phone: 386-736-5938

Email: Revenue@volusia.org

RETURN WITH PAYMENT

VOLUSIA COUNTY
REAL ESTATE ANNUAL TAX BILL

Make payment to:
COUNTY OF VOLUSIA

Mail payment to:
County of Volusia-Revenue Division
123 W Indiana Ave Room 103
DeLand FL 32720

PAY IN U.S. DOLLARS DRAWN ON A U.S. BANK

NOTE: In order to avoid a rejected payment,
please verify that the legal written line of your
check matches the exact amount due based on
the "IF POSTMARKED BY" date.

PARCEL: 421802000610
ALTERNATE KEY: 5142108
TAX YEAR: 2019

PROPERTY ADDRESS: 8 E TOWER CIR
ORMOND BEACH 32174

PACE ANALYTICAL SERVICES LLC
1800 ELM ST SE
MINNEAPOLIS, MN 55414

Please do not staple, tape, or paperclip your payment to this stub.

TAXES BECOME DELINQUENT APRIL 1

IF POSTMARKED BY:	Nov 30, 2019	Dec 31, 2019	Jan 31, 2020	Feb 29, 2020	Mar 31, 2020
DISCOUNT:	4%	3%	2%	1%	0%
PAY THIS AMOUNT:	24,571.34	24,827.30	25,083.25	25,339.20	25,595.15

PLEASE DO NOT WRITE ON THIS STUB

ADDENDUM NO. 1

June 2, 2020

TO: Prospective Bidders and Others Concerned.**SUBJECT:** Addendum # 1 **BID 2020-23 LABORATORY TESTING SERVICES**

NOTE: This addendum consists of the following documents. It is the Contractor's responsibility to ensure that all documents have been downloaded and reviewed prior to submitting bids on the work.

TO ALL BIDDERS: You are requested to make all changes and/or additions contained in this Addendum to the Bidding Documents. Failure to acknowledge this Addendum in Proposal may result in rejection of bid.

The Project Manual shall be amended as follows:

Item 1: Please delete "Pages 9 through 12 of 33" from the "Invitation to Bid" and replace it with "Pages 9R through 12R of 33."

Item 2: Please delete "Pages 15 through 19 of 33" from the "Invitation to Bid" and replace it with "Pages 15R through 19R of 33."

Item 3: A copy of the Florida Department of Environmental Protection Wastewater Treatment Plant Operating Permit, signed on May 8, 2020, is provided with this addendum.

Item 4: A copy of the Bid Form submitted by Pace Analytical for Bid No. 2015-34 is provided with this addendum. This unit price contract served as the basis of award with the current vendor.

Item 5: The following additional information is being provided in response to inquiries received.

Question 1: In section Reuse Effluent Analysis, are we supposed to only price out the methods and tests you list or does this include the full Primary and Secondary Drinking Water Standards, as well as the other tests and methods? Does this require Asbestos and Dioxin?

Answer 1: The bid includes the full Primary and Secondary Drinking Water Standards, as well as the other tests and methods. Asbestos and Dioxin are not included and are not part of our current permit. (A copy of the latest operating permit is provided with this addendum.)

Question 2: In section Wastewater, are you looking for the full Primary and Secondary Drinking Water Standards? Does this include Asbestos and Dioxin?

Answer 2: The reference to Primary and Secondary Drinking Water Standards has been removed from this section of the Itemized Bid sheet. Asbestos and Dioxin are not included and are not part of our current permit. (A copy of the latest operating permit is provided with this addendum.)

Question 3: In section Water, Primary Organics, does this include Asbestos?

Who is the most recent provider of these services to the City and what is currently being paid?

Answer 3: No, Asbestos is not included. The current provider of Laboratory Services is Pace Analytical. A copy of their original bid submittal is provided as an attachment to this addendum.

Question 4: In section Water, Regulated SOCs, does this include Dioxin?

Answer 4: No, Dioxin is not included.

Question 5: For the Subcontractors, the bid states the following: Subcontract labs, if any, shall be required to submit information in items "a - c" and "e - g." These sections include a lot of information from the subcontractors. For the Quality Manual of the sublabs, can we submit their cover page only with all signatures?

Answer 5: Subcontractor Labs must provide the information in items "a-c" and "e-g." A submission of a cover page with signatures will not comply with the requirements.

Question 6: Item #2. Bid Requirements states the following: "b. A price list must be submitted with your Bid showing individual parameter prices (for all listed parameters), method numbers, and method detection limits. Costs shall be firm for the duration of the contract." Are we to submit, in addition to the bid document pricing, our standard pricelist? Can we submit the additional pricelist and another document with our MDLs for all parameters we are certified for? We do not have a document that list all analytes, individual prices for each analyte and the MDLs all on one page.

Answer 6: Bidders are not asked nor required to submit a separate standard pricelist. However, as additional supplemental information, bidders may, if they so choose, submit an additional price list and any other documents deemed appropriate to accompany the company's MDLs for any and all parameters for which the company is certified.

Question 7: Are we required to submit a Performance Bond (Bid Bond) for the City of Ormond Beach BID No. 2020-23; LABORATORY TESTING SERVICES ITB? Is there a percentage amount to be submitted for this ITB?

Answer 7: No Bid Bond shall be required with this Bid. No Performance Bond shall be required with this Bid.

Question 8: Could you tell us who the current incumbent is and what is the current contract pricing?

Answer 8: Pace Analytical is the current Lab Services provider. A copy of their Unit Price Submittal from the original bid award is included.

Question 9: With Weekend work being a potential can the city add a few line items to the pricing sheet? Line items for weekend Fecal coliform, weekend courier and a line for any other weekend parameter with a percentage mark up for weekend work.

Answer 9: Minimum laboratory requirements have been revised to state "The contract lab shall be available a minimum of 7 days per week." The bid form shall not be revised to accommodate the request.

Question 10: Can the city confirm a subcontractor is one that is outside the bidding company and not another location for the same company?

Answer 10: Please consider this response as an affirmative confirmation that a secondary office of the contractor is not regarded as a subcontractor.

Question 11: In the insurance section page 28 of 33 section 4 Service Bond. Could this provision be removed, or could the language be changed to allow for a letter of credit or other type of assurance instead?

Answer 11: No, the City is unwilling to remove this provision from these bid documents. However, for clarification, please be advised that the contract does not require a bid bond and does not require a performance bond. (Refer to Question 7)

Question 12: Can the requirement for providing claim information be removed from the insurance section?

Answer 12: No, the City standard requirement for providing claim information shall not be altered with these bid documents.

Question 13: Would it be possible to remove the requirement in the insurance section D3 on page 32 of 33 stating that "If requested by the City, the contractor shall furnish complete copies of the Contractor's insurance policies, forms and endorsements"?

Answer 13: No, the referenced clause in the City standard documents will not be changed at this time. Specifically, the requirement to furnish complete copies of the Contractor's insurance policies, forms and endorsements, if requested, remains in effect.

Question 14: In the draft agreement page #5 b. This Agreement may not be terminated by the contractor.: Would the City please remove this provision in favor of both parties being able to terminate for default, etc.?

Answer 14: The Bid Documents will not be changed at this time. However, please note that under the Section entitled Contract Duration, either party may provide a written notice of non-renewal ninety calendar days prior to the Contract expiration date.

Question 15: Page 15 of 33 Price Sheet Reuse Effluent Analysis: Are the parameters for the Primary & Secondary Drinking Water Standard methods listed in the bid sheet table the only methods and parameters required, or it is the full primary and secondary?

Answer 15: The bid includes the full Primary and Secondary Drinking Water Standards, as well as the other tests and methods as required by the permit. Asbestos and Dioxin are not included and are not part of our current permit. (A copy of the latest operating permit is provided with this addendum.)

Question 16: Page 15 of 33 Price Sheet Reuse Effluent Analysis: If the full primary and secondary is needed are Asbestos and Dioxin required for this section?

Answer 16: The bid includes the full Primary and Secondary Drinking Water Standards, as well as the other tests and methods. Asbestos and Dioxin are not included and are not part of our current permit. (A copy of the latest operating permit is provided with this addendum.)

Question 17: Page 15 of 33 Price Sheet Reuse Effluent Analysis: Can the city please list the tables needed for this section?

Answer 17: A copy of the latest operating permit is provided with this addendum.

Question 18: Page 15 of 33 Price Sheet Reuse Effluent Analysis: Are color and odor needed for this section?

Answer 18: A copy of the latest operating permit is provided with this addendum.

Question 19: Page 15 of 33 Industrial Pre-Treatment section: The TTO only includes the 624, 625 and 608 is that correct?

Answer 19: 624, 625 & 608 are inclusive but not exclusive of other relevant applicable methods. Please refer to the Treatment Plant Operating Permit provided with this addendum.

Question 20: Page 16 Wastewater section: Primary and Secondary. Are tables 1-6 of 62-550 the only required tables and are asbestos and dioxin required?

Answer 20: Asbestos and Dioxin are not included and are not part of our current permit. A copy of the latest operating permit is provided with this addendum, and shall be referenced by prospective bidders.

Question 21: Page 16 Wastewater section: Primary and Secondary. Can the city please list the tables required minus any parameters that are not needed?

Answer 21: Please refer to the Treatment Plant Operating Permit provided with this addendum.

Question 22: Page 18 Water Section: Analytical Groups /Calculation Primary Inorganics: does this include asbestos?

Answer 22: Asbestos is not included.

Question 23: Page 18 Water Section: Analytical Groups /Calculation Regulated SOCs: does this include dioxin?

Answer 23: Dioxin is not included.

Question 24: Page 18 for Thallium: Can 200.8 be used?

Answer 22: For bidding purposes, please use the method specified.

In all other respects, except as specifically stated herein, the subject BID 2020-23 Laboratory Testing Services remains unchanged.

**THIS ADDENDUM MUST BE ACKNOWLEDGED AND
RETURNED WITH YOUR BID**

COMPANY NAME: Pace Analytical Services

SIGNATURE: [Signature] DATE: 6/2/20

TO ALL BIDDERS: You are requested to make all changes and/or additions contained in this Addendum to the Bidding Documents. Failure to acknowledge this Addendum in Proposal may result in rejection of bid.

The foregoing changes are hereby incorporated into the Bidding Contract Documents for CITY OF ORMOND BEACH- BID 2020-23 LABORATORY TESTING SERVICES, for the City of Ormond Beach.

City of Ormond Beach, Florida

END OF ADDENDUM NO. 1

ADDENDUM NO. 2

June 4, 2020

TO: Prospective Bidders and Others Concerned.**SUBJECT:** Addendum # 2 **BID 2020-23 LABORATORY TESTING SERVICES**

NOTE: This addendum consists of the following documents. It is the Contractor's responsibility to ensure that all documents have been downloaded and reviewed prior to submitting bids on the work.

TO ALL BIDDERS: You are requested to make all changes and/or additions contained in this Addendum to the Bidding Documents. Failure to acknowledge this Addendum in Proposal may result in rejection of bid.

The Project Manual shall be amended as follows:

Item 1: The deadline for questions to be submitted originally stated as June 1, 2020 at 5:00 p.m. has now been extended to June 8, 2020 at 5:00 p.m.

Item 2: The bid opening originally scheduled for June 10, 2020 at 2:00 p.m. has now been extended to June 17, 2020 at 2:30 p.m.

Item 3: Please delete "Page 16R of 33" from Addendum No. 1 and replace it with "Page 16R2 of 33."

Item 4: The following additional information is being provided in response to inquiries received.

Question 1: Can I please have some clarifications on the Addendum 1 answers? Specifically, Question 1, Question 15 and Question 16, the answer said that Asbestos and dioxin are not part of the permit. I see dioxin in the tables of the permit for RWS-A, RWS-B, RWS-C, RWS-G. Is this not for the Reuse Effluent Analysis section of the bid sheet on page 15R of 33?

Answer 1: YES, contrary to statements issued in Addendum No. 1, Dioxin is in fact included and required in accordance with the permit. To assist bidders, the relevant direct excerpt of the permit is provided herewith, and states the following:

During the period of operation authorized by this permit, reclaimed water or effluent shall be monitored annually for the primary and secondary drinking water standards contained in Chapter 62-550, F.A.C., (except for asbestos, total coliform, color, odor, and residual disinfectants). These monitoring results shall be reported to the Department annually on the RWS-A DMR. During years when a permit is not renewed, a certification stating that no new non-domestic wastewater dischargers have been added to the collection system since the last reclaimed water or effluent analysis was conducted may be submitted with the signed DMR in lieu of performing the analysis. When such a certification is submitted with the DMR, monitoring not required this period should be noted on the DMR. The annual reclaimed

water or effluent analysis report, and certification if applicable, shall be completed and submitted in a timely manner so as to be received by the Department at the address identified on the DMR by January 28 of each year. Approved analytical methods identified in Rule 62-620.100(3) (j), F.A.C., shall be used for the analysis. If no method is included for a parameter, methods specified in Chapter 62-550, F.A.C., shall be used. *[62-600.660(2) and (3) (d)][62-600.680(2)][62-610.300(4)]*

Question 2: If the pricing sheet will not be altered, how will we decipher weekend work costs from weekday costs for specific tests and courier?

Answer 2: The pricing sheet, page 16R2 of 33, has been altered and made part of this addendum. A line item has been added beneath Fecal Coliform entitled "Fecal Coliform Additional Costs for Weekend Work" with a unit quantity of 104.

In all other respects, except as specifically stated herein, the subject BID 2020-23 LABORATORY TESTING SERVICES remains unchanged.

**THIS ADDENDUM MUST BE ACKNOWLEDGED AND
RETURNED WITH YOUR BID**

COMPANY NAME: Pace Analytical Services

SIGNATURE: [Signature] DATE: 6/4/20

TO ALL BIDDERS: You are requested to make all changes and/or additions contained in this Addendum to the Bidding Documents. Failure to acknowledge this Addendum in Proposal may result in rejection of bid.

The foregoing changes are hereby incorporated into the Bidding Contract Documents for CITY OF ORMOND BEACH- BID 2020-23 LABORATORY TESTING SERVICES, for the City of Ormond Beach.

City of Ormond Beach, Florida

END OF ADDENDUM NO. 2

ADDENDUM NO. 3

June 9, 2020

TO: Prospective Bidders and Others Concerned.**SUBJECT:** Addendum # 3 **BID 2020-23 LABORATORY TESTING SERVICES**

NOTE: This addendum consists of the following documents. It is the Contractor's responsibility to ensure that all documents have been downloaded and reviewed prior to submitting bids on the work.

TO ALL BIDDERS: You are requested to make all changes and/or additions contained in this Addendum to the Bidding Documents. Failure to acknowledge this Addendum in Proposal may result in rejection of bid.

The Project Manual shall be amended as follows:

Item 1: The following additional information is being provided in response to inquiries received.

Question 1: Can we provide the large documents, such as the Quality Manuals, PT studies, audits and certifications on a CD or thumb drive only?

Answer 1: To assist bidders and reduce replication costs, the vendors shall have the option of supplying a paper copy of the "large documents" listed in the **Scope of Work, 2. Bid Requirements/ Information to be Provided with the Bidder's Submission**, as appearing on pages 11R and 12R, Item "a" and Items "c" through "k" inclusive. Bidders shall still submit a paper copy of Item 2.b, which states "A price list must be submitted with your Bid showing individual parameter prices (for all listed parameters), method numbers, and method detection limits. Costs shall be firm for the duration of the contract." While bidders have the option of supplying a paper copy of the items as noted herewith, this addendum does not relieve the bidder of supplying the required documents in digital format. In addition, should the bidder choose to omit submittal of certain documents in paper format, then it shall be the responsibility of the bidder to provide one paper copy of a "Table of Contents" or "List of Attachments" or "List of Exhibits" or other appropriately titled paper submittal that clearly identifies and lists each of the documents that are only provided in a digital format.

Question 2: For the Quality Manual can we mark it as a confidential document and only the city of Ormond Beach will have access to it?

Answer 2: No, upon submission of the bid documents, the Quality Manual shall be considered a public document and will not be considered confidential. We are not aware of any exemption which would cause that information to be confidential. If vendor would like to provide something to the contrary, we can take a look at it.

In all other respects, except as specifically stated herein, the subject BID 2020-23 LABORATORY TESTING SERVICES remains unchanged.

**THIS ADDENDUM MUST BE ACKNOWLEDGED AND
RETURNED WITH YOUR BID**

COMPANY NAME: Pace Analytical Services LLC

SIGNATURE: [Signature] DATE: 6/9/20

TO ALL BIDDERS: You are requested to make all changes and/or additions contained in this Addendum to the Bidding Documents. Failure to acknowledge this Addendum in Proposal may result in rejection of bid.

The foregoing changes are hereby incorporated into the Bidding Contract Documents for CITY OF ORMOND BEACH- BID 2020-23 LABORATORY TESTING SERVICES, for the City of Ormond Beach.

City of Ormond Beach, Florida

END OF ADDENDUM NO. 3

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS: that

(Name of Contractor)

(Address of Contractor)

a(n) _____, hereinafter called Principal, and
(Corporation, Partnership or Individual)

(Name of Surety)

N/A

(Address of Surety)

hereinafter called Surety, are held and firmly bound unto

(Name of Owner)

(Address of Owner)

hereinafter called OWNER, in the penal sum of _____

_____ Dollars, (\$_____) in lawful money of the United States, for the payment of which sum will and truly to be made, we bind ourselves, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION is such that whereas, the Principal entered into a certain contract with OWNER, dated ____ day of _____, 20____, for the construction of:

LABORATORY TESTING SERVICES 2020

Bid No. 2020-23

NOW, THEREFORE, if the Principal shall well, truly and faithfully perform its duties, all the undertakings, covenants, terms, conditions, and agreements of said contract during the original term thereof, and any extensions thereof which may be granted by the OWNER, with or without notice to the Surety and during the one-year guaranty period, and if he shall satisfy all claims and demands incurred under such contract, and shall fully indemnify and save harmless the OWNER from all costs and damages which it may suffer by reason of failure to do so, and shall reimburse and repay the OWNER all outlay and expense which the OWNER may incur in making good any default, then this obligation shall be void; otherwise to remain in full force and effect.

PROVIDED, FURTHER, that the said Surety, for value received hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract or to WORK to be performed thereunder or the SPECIFICATIONS accompanying the same shall in any wise affect its obligation on this BOND, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the contract or to the WORK or to the SPECIFICATIONS. The Surety agrees that modifications and changes to the terms and conditions of the Contract that increase the total amount to be paid the Principal shall automatically increase the obligation of the Surety on this bond and notice to Surety is not required for such increased obligation.

PROVIDED, FURTHER, that no final settlement between the OWNER and the CONTRACTOR shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

IN WITNESS WHEREOF, this instrument is executed in _____ counterparts, each one of which shall be
(number)

deemed an original, this _____ day of _____, 20_____.

ATTEST:

Principal

By _____ (s)

(Principal) Secretary

(SEAL)

N/A

(Witness to Principal)

(Address)

(Address)

(Surety)

ATTEST:

(Surety) Secretary

(SEAL)

Witness to Surety

Attorney-In-Fact

(Address)

(Address)

NOTE: Date of BOND must not be prior to date of Contract. If CONTRACTOR is Partnership, all partners should execute BOND. All BONDS signed by an agent must be accompanied by a certified copy of the authority to act.

IMPORTANT: Surety companies executing BONDS must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the state where the PROJECT is located.

MDL/PQL Tables

Method	Analyte	CAS No.	PQL	MDL	Units
1801 W	Turbidity		0.2	0.2	NTU
2007 DW	Aluminum	7429-90-5	100	41.8	ug/L
2007 DW	Barium	7440-39-3	10	2.3	ug/L
2007 DW	Beryllium	7440-41-7	4	0.214	ug/L
2007 DW	Boron	7440-42-8	50	11.6	ug/L
2007 DW	Cadmium	7440-43-9	1	0.244	ug/L
2007 DW	Calcium	7440-70-2	500	196.8	ug/L
2007 DW	Chromium	7440-47-3	5	0.81	ug/L
2007 DW	Cobalt	7440-48-4	10	2.3	ug/L
2007 DW	Copper	7440-50-8	5	2.56	ug/L
2007 DW	Iron	7439-89-6	40	16.27	ug/L
2007 DW	Magnesium	7439-95-4	500	161.9	ug/L
2007 DW	Manganese	7439-96-5	5	1.24	ug/L
2007 DW	Molybdenum	7439-98-7	10	4	ug/L
2007 DW	Nickel	7440-02-0	5	1.96	ug/L
2007 DW	Potassium	7440-09-7	1000	271.6	ug/L
2007 DW	Silver	7440-22-4	5	1.52	ug/L
2007 DW	Sodium	7440-23-5	2000	594.1	ug/L
2007 DW	Vanadium	7440-62-2	10	1.39	ug/L
2007 DW	Zinc	7440-66-6	20	7.575	ug/L
2007 DW	Tin	7440-31-5	50	31.6	ug/L
2007 DW	Silicon	7440-21-3	100	55.5	ug/L
2007 DW	Silica	7631-86-9	214	119	ug/L
2007 DW	Strontium	7440-24-6	10	3.35	ug/L
2007 DW	Lithium	7439-93-2	500	146.7	ug/L
2007 DWNP	Aluminum	7429-90-5	100	41.8	ug/L
2007 DWNP	Barium	7440-39-3	10	2.3	ug/L
2007 DWNP	Beryllium	7440-41-7	4	0.214	ug/L
2007 DWNP	Boron	7440-42-8	50	11.6	ug/L
2007 DWNP	Cadmium	7440-43-9	1	0.244	ug/L
2007 DWNP	Calcium	7440-70-2	500	196.8	ug/L
2007 DWNP	Chromium	7440-47-3	5	0.81	ug/L
2007 DWNP	Cobalt	7440-48-4	10	2.3	ug/L
2007 DWNP	Copper	7440-50-8	5	2.56	ug/L
2007 DWNP	Iron	7439-89-6	40	16.27	ug/L
2007 DWNP	Lead	7439-92-1	10	5	ug/L
2007 DWNP	Magnesium	7439-95-4	500	161.9	ug/L
2007 DWNP	Manganese	7439-96-5	5	1.24	ug/L
2007 DWNP	Molybdenum	7439-98-7	10	4	ug/L
2007 DWNP	Nickel	7440-02-0	5	1.96	ug/L
2007 DWNP	Potassium	7440-09-7	1000	271.6	ug/L
2007 DWNP	Sodium	7440-23-5	2000	594.1	ug/L
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2007 DWNP	Zinc	7440-66-6	20	7.575	ug/L
2007 DWNP	Tin	7440-31-5	50	31.6	ug/L
2007 DWNP	Silicon	7440-21-3	100	55.5	ug/L

2007 DWNP	Silica	7631-86-9	214	119	ug/L
2007 DWNP	Strontium	7440-24-6	10	3.35	ug/L
2007 DWNP	Lithium	7439-93-2	500	146.7	ug/L
2008 DW	Beryllium	7440-41-7	0.1	0.07	ug/L
2008 DW	Aluminum	7429-90-5	10	7.16	ug/L
2008 DW	Chromium	7440-47-3	2	1.11	ug/L
2008 DW	Manganese	7439-96-5	1	0.69	ug/L
2008 DW	Cobalt	7440-48-4	1	0.194	ug/L
2008 DW	Nickel	7440-02-0	1	0.62	ug/L
2008 DW	Copper	7440-50-8	1	0.93	ug/L
2008 DW	Zinc	7440-66-6	5	4.29	ug/L
2008 DW	Arsenic	7440-38-2	1	0.5	ug/L
2008 DW	Selenium	7782-49-2	1	0.831	ug/L
2008 DW	Molybdenum	7439-98-7	1	0.183	ug/L
2008 DW	Silver	7440-22-4	0.1	0.05	ug/L
2008 DW	Cadmium	7440-43-9	0.2	0.115	ug/L
2008 DW	Antimony	7440-36-0	1	0.212	ug/L
2008 DW	Barium	7440-39-3	1	0.5	ug/L
2008 DW	Thallium	7440-28-0	1	0.5	ug/L
2008 DW	Lead	7439-92-1	1	0.218	ug/L
2008 DW	Uranium	7440-61-1	1	0.187	ug/L
2008 DWNP	Beryllium	7440-41-7	0.1	0.07	ug/L
2008 DWNP	Aluminum	7429-90-5	10	7.16	ug/L
2008 DWNP	Chromium	7440-47-3	2	1.11	ug/L
2008 DWNP	Manganese	7439-96-5	1	0.69	ug/L
2008 DWNP	Cobalt	7440-48-4	1	0.194	ug/L
2008 DWNP	Nickel	7440-02-0	1	0.62	ug/L
2008 DWNP	Copper	7440-50-8	1	0.93	ug/L
2008 DWNP	Zinc	7440-66-6	5	4.29	ug/L
2008 DWNP	Arsenic	7440-38-2	1	0.5	ug/L
2008 DWNP	Selenium	7782-49-2	1	0.831	ug/L
2008 DWNP	Molybdenum	7439-98-7	1	0.183	ug/L
2008 DWNP	Silver	7440-22-4	0.1	0.05	ug/L
2008 DWNP	Cadmium	7440-43-9	0.2	0.115	ug/L
2008 DWNP	Antimony	7440-36-0	1	0.212	ug/L
2008 DWNP	Barium	7440-39-3	1	0.5	ug/L
2008 DWNP	Thallium	7440-28-0	1	0.5	ug/L
2008 DWNP	Lead	7439-92-1	1	0.218	ug/L
2008 DWNP	Uranium	7440-61-1	1	0.187	ug/L
2008 WUCMR	Germanium	7440-56-4	0.24	0.08	ug/L
2008 WUCMR	Manganese	7439-96-5	0.32	0.1064	ug/L
2120BW	Apparent Color		5	5	units
2120BWT	True Color		5	5	units
2150B DC	Dechlorinated Odor		1	1	
2187 DW	Chromium, Hexavalent	18540-29-9	0.025	0.0133	ug/L
2310B W	Acidity, Total		1	1	mg/L
2320BW	Alkalinity, Total as CaCO3		5	5	mg/L
7470 W	Mercury	7439-97-6	0.2	0.09	ug/L
2510B W	Specific Conductance @ 25C		2	2	umhos/cm
2540C W	Total Dissolved Solids		5	5	mg/L

3000 W	Nitrite as N	14797-65-0	0.05	0.025	mg/L
3000 W	Nitrate as N	14797-55-8	0.05	0.025	mg/L
3000 W	Orthophosphate as P		0.1	0.05	mg/L
3000 W	Nitrate-Nitrite (as N)	7727-37-9	1	0.05	mg/L
3000 W28	Bromide	24959-67-9	0.1	0.0362	mg/L
3000 W28	Chloride	16887-00-6	5	2.5	mg/L
3000 W28	Fluoride	16984-48-8	0.05	0.0146	mg/L
3000 W28	Sulfate	14808-79-8	5	2.5	mg/L
3001W	Chlorite		5	1.276	ug/L
3001 W28	Bromide	24959-67-9	5	3.96	ug/L
3001 W28	Bromate	15541-45-4	1	0.64	ug/L
3001 W28	Chlorate	7790-93-4	5	2.15	ug/L
3354 W	Cyanide	57-12-5	0.01	0.005	mg/L
3501 DW	Nitrogen, Ammonia	7664-41-7	0.05	0.0348	mg/L
3532 WN	Nitrogen, NO2 plus NO3		0.05	0.033	mg/L
4204WLOW	Phenolics, Total		0.001	0.0006	mg/L
4500CLD	Chlorine, Total	7782-50-5	0.1	0.1	mg/L
4500CLD	Chlorine, Free	7782-50-5	0.1	0.1	mg/L
4500CLD	Chloramine	10599-90-3	0.1	0.1	mg/L
4500CLD	Monochloramine		0.1	0.1	mg/L
4500CLD	Dichloramine		0.1	0.1	mg/L
4500CIO2	Chlorine Dioxide		0.2	0.107	mg/L
4500HB	pH at 25 Degrees C		0.1	0.1	Std. Units
4500S2F DW	Sulfide	18496-25-8	0.1	0.1	mg/L
8011 W	1,2-Dibromoethane (EDB)	106-93-4	0.01	0.0075	ug/L
8011 W	1,2-Dibromo-3-	96-12-8	0.02	0.0064	ug/L
505 W	PCB-1016 (Aroclor 1016)	12674-11-2	0.1	0.08	ug/L
505 W	PCB-1221 (Aroclor 1221)	11104-28-2	0.1	0.1	ug/L
505 W	PCB-1232 (Aroclor 1232)	11141-16-5	0.1	0.1	ug/L
505 W	PCB-1242 (Aroclor 1242)	53469-21-9	0.1	0.1	ug/L
505 W	PCB-1248 (Aroclor 1248)	12672-29-6	0.1	0.1	ug/L
505 W	PCB-1254 (Aroclor 1254)	11097-69-1	0.1	0.1	ug/L
505 W	PCB-1260 (Aroclor 1260)	11096-82-5	0.1	0.1	ug/L
505 W	Chlordane (Technical)	57-74-9	0.2	0.2	ug/L
505 W	Toxaphene	8001-35-2	1	1	ug/L
508 W	Alachlor	15972-60-8	0.2	0.0628	ug/L
508 W	alpha-Chlordane	5103-71-9	0.02	0.0083	ug/L
508 W	Chlordane (Technical)	57-74-9	0.2	0.047	ug/L
508 W	Dieldrin	60-57-1	0.1	0.0282	ug/L
508 W	Endrin	72-20-8	0.01	0.004	ug/L
508 W	gamma-BHC (Lindane)	58-89-9	0.02	0.0036	ug/L
508 W	gamma-Chlordane	5103-74-2	0.02	0.0064	ug/L
508 W	Heptachlor	76-44-8	0.04	0.0097	ug/L
508 W	Heptachlor epoxide	1024-57-3	0.02	0.007	ug/L
508 W	Hexachlorobenzene	118-74-1	0.1	0.0247	ug/L
508 W	Hexachlorocyclopentadiene	77-47-4	0.1	0.0168	ug/L
508 W	Methoxychlor	72-43-5	0.1	0.0584	ug/L
508 W	Metolachlor	51218-45-2	0.1	0.0377	ug/L
508 W	PCB-1016 (Aroclor 1016)	12674-11-2	0.1	0.08	ug/L
508 W	PCB-1221 (Aroclor 1221)	11104-28-2	0.1	0.029	ug/L
508 W	PCB-1232 (Aroclor 1232)	11141-16-5	0.1	0.029	ug/L

508 W	PCB-1242 (Aroclor 1242)	53469-21-9	0.1	0.051	ug/L
508 W	PCB-1248 (Aroclor 1248)	12672-29-6	0.1	0.062	ug/L
508 W	PCB-1254 (Aroclor 1254)	11097-69-1	0.1	0.023	ug/L
508 W	PCB-1260 (Aroclor 1260)	11096-82-5	0.1	0.066	ug/L
508 W	PCB, Total	1336-36-3	0.1	0.08	ug/L
508 W	Propachlor	1918-16-7	0.1	0.0318	ug/L
508 W	Simazine	122-34-9	0.07	0.0475	ug/L
508 W	Toxaphene	8001-35-2	1	0.608	ug/L
5153 W	2,4-D	94-75-7	0.1	0.0959	ug/L
5153 W	2,4,5-T	93-76-5	0.2	0.16	ug/L
5153 W	2,4,5-TP (Silvex)	93-72-1	0.2	0.16	ug/L
5153 W	2,4-DB	94-82-6	2	1.7	ug/L
5153 W	Acifluorfen	62476-59-9	0.1	0.0779	ug/L
5153 W	Bentazon	25057-89-0	0.2	0.16	ug/L
5153 W	Dalapon	75-99-0	1	0.89	ug/L
5153 W	Dicamba	1918-00-9	0.1	0.067	ug/L
5153 W	Dichlorprop	120-36-5	0.7	0.55	ug/L
5153 W	Dinoseb	88-85-7	0.2	0.16	ug/L
5153 W	Pentachlorophenol	87-86-5	0.04	0.03	ug/L
5153 W	Picloram	1918-02-1	0.1	0.094	ug/L
522 W	1,4-Dioxane (p-Dioxane)	123-91-1	0.2	0.12	ug/L
5242 W	Methylene Chloride	75-09-2	1	0.44	ug/L
5242 W	Dichlorodifluoromethane	75-71-8	0.5	0.49	ug/L
5242 W	Chloromethane	74-87-3	1	0.462	ug/L
5242 W	Vinyl chloride	75-01-4	0.5	0.394	ug/L
5242 W	Bromomethane	74-83-9	1	0.25	ug/L
5242 W	Bromodichloromethane	75-27-4	1	0.25	ug/L
5242 W	Chloroethane	75-00-3	0.5	0.5	ug/L
5242 W	Chlorobenzene	108-90-7	0.5	0.25	ug/L
5242 W	Trichlorofluoromethane	75-69-4	0.5	0.25	ug/L
5242 W	1,1-Dichloroethane	75-34-3	0.5	0.25	ug/L
5242 W	2,2-Dichloropropane	594-20-7	0.5	0.25	ug/L
5242 W	Bromochloromethane	74-97-5	0.5	0.25	ug/L
5242 W	Chloroform	67-66-3	1	0.25	ug/L
5242 W	1,1,1-Trichloroethane	71-55-6	0.5	0.25	ug/L
5242 W	Carbon tetrachloride	56-23-5	0.5	0.25	ug/L
5242 W	1,1-Dichloropropene	563-58-6	0.5	0.25	ug/L
5242 W	Benzene	71-43-2	0.5	0.25	ug/L
5242 W	1,2-Dichlorobenzene	95-50-1	0.5	0.25	ug/L
5242 W	1,3-Dichlorobenzene	541-73-1	0.5	0.25	ug/L
5242 W	1,4-Dichlorobenzene	106-46-7	0.5	0.25	ug/L
5242 W	1,2-Dichloroethane	107-06-2	0.5	0.25	ug/L
5242 W	1,2-Dichloropropane	78-87-5	0.5	0.25	ug/L
5242 W	Dibromomethane	74-95-3	0.5	0.25	ug/L
5242 W	Toluene	108-88-3	0.5	0.25	ug/L
5242 W	1,1,2-Trichloroethane	79-00-5	0.5	0.25	ug/L
5242 W	1,3-Dichloropropane	142-28-9	0.5	0.25	ug/L
5242 W	Dibromochloromethane	124-48-1	1	0.25	ug/L
5242 W	1,2-Dibromoethane (EDB)	106-93-4	0.5	0.25	ug/L
5242 W	Ethylbenzene	100-41-4	0.5	0.25	ug/L
5242 W	1,1,1,2-Tetrachloroethane	630-20-6	0.5	0.25	ug/L

5242 W	m&p-Xylene	179601-23-1	1	0.25	ug/L
5242 W	o-Xylene	95-47-6	0.5	0.25	ug/L
5242 W	Xylene (Total)	1330-20-7	1	0.25	ug/L
5242 W	Bromoform	75-25-2	1	0.32	ug/L
5242 W	Isopropylbenzene	98-82-8	0.5	0.25	ug/L
5242 W	Bromobenzene	108-86-1	0.5	0.25	ug/L
5242 W	cis-1,3-Dichloropropene	10061-01-5	0.5	0.25	ug/L
5242 W	Styrene	100-42-5	0.5	0.25	ug/L
5242 W	1,2,3-Trichloropropane	96-18-4	0.5	0.433	ug/L
5242 W	1,1,2,2-Tetrachloroethane	79-34-5	0.5	0.25	ug/L
5242 W	2-Chlorotoluene	95-49-8	0.5	0.25	ug/L
5242 W	n-Propylbenzene	103-65-1	0.5	0.25	ug/L
5242 W	4-Chlorotoluene	106-43-4	0.5	0.25	ug/L
5242 W	1,3,5-Trimethylbenzene	108-67-8	0.5	0.25	ug/L
5242 W	tert-Butylbenzene	98-06-6	0.5	0.25	ug/L
5242 W	1,2,4-Trimethylbenzene	95-63-6	0.5	0.25	ug/L
5242 W	sec-Butylbenzene	135-98-8	0.5	0.25	ug/L
5242 W	p-Isopropyltoluene	99-87-6	0.5	0.25	ug/L
5242 W	n-Butylbenzene	104-51-8	0.5	0.25	ug/L
5242 W	1,2,4-Trichlorobenzene	120-82-1	0.5	0.408	ug/L
5242 W	Naphthalene	91-20-3	0.5	0.25	ug/L
5242 W	Hexachloro-1,3-butadiene	87-68-3	0.5	0.25	ug/L
5242 W	1,2,3-Trichlorobenzene	87-61-6	0.5	0.25	ug/L
5242 W	Methyl-tert-butyl ether	1634-04-4	0.5	0.25	ug/L
5242 W	1,1,2-	76-13-1	0.5	0.25	ug/L
5242 W	Trichloroethene	79-01-6	0.5	0.25	ug/L
5242 W	Tetrachloroethene	127-18-4	0.5	0.25	ug/L
5242 W	cis-1,2-Dichloroethene	156-59-2	0.5	0.25	ug/L
5242 W	trans-1,2-Dichloroethene	156-60-5	0.5	0.25	ug/L
5242 W	2-Butanone (MEK)	78-93-3	4	2	ug/L
5242 W	1,1-Dichloroethene	75-35-4	0.5	0.25	ug/L
5242 W	1,2,3-Trimethylbenzene	526-73-8	0.5	0.29	ug/L
5242 W	trans-1,3-Dichloropropene	10061-02-6	0.5	0.25	ug/L
5242 W	Total Trihalomethanes		1	0.32	ug/L
5242 W	Acetone	67-64-1	5	2.5	ug/L
5242 WTHM	Chloroform	67-66-3	1	0.25	ug/L
5242 WTHM	Bromodichloromethane	75-27-4	1	0.25	ug/L
5242 WTHM	Dibromochloromethane	124-48-1	1	0.25	ug/L
5242 WTHM	Bromoform	75-25-2	1	0.32	ug/L
5242 WTHM	Total Trihalomethanes (Calc.)		1	0.32	ug/L
5242 WTHM	Chloroform	67-66-3	1	0.25	ug/L
5242 WTHM	Bromodichloromethane	75-27-4	1	0.25	ug/L
5242 WTHM	Dibromochloromethane	124-48-1	1	0.25	ug/L
5242 WTHM	Bromoform	75-25-2	1	0.32	ug/L
5242 WTHM	Total Trihalomethanes		1	0.32	ug/L
525 W	Aldrin	309-00-2	0.1	0.068	ug/L
525 W	Butachlor	23184-66-9	0.1	0.074	ug/L
525 W	Dieldrin	60-57-1	0.13	0.074	ug/L
525 W	Metolachlor	51218-45-2	1	0.265	ug/L
525 W	Metribuzin	21087-64-9	0.3	0.15	ug/L

525 W	Propachlor	1918-16-7	0.2	0.074	ug/L
525 W	Pentachlorobiphenyl	25429-29-2	0.1	0.04	ug/L
525 W	Octachlorobiphenyl	31472-83-0	0.1	0.093	ug/L
525 W	Tetrachlorobiphenyl	26914-33-0	0.1	0.046	ug/L
525 W	2-Chlorobiphenyl		0.1	0.026	ug/L
525 W	Benzo(a)pyrene	50-32-8	0.1	0.013	ug/L
525 W	Butylbenzylphthalate	85-68-7	2	0.498	ug/L
525 W	bis(2-Ethylhexyl)adipate	103-23-1	1.6	0.383	ug/L
525 W	Indeno(1,2,3-cd)pyrene	193-39-5	0.2	0.027	ug/L
525 W	Molinate	2212-67-1	2	0.431	ug/L
525 W	Phenanthrene	85-01-8	0.2	0.05	ug/L
525 W	Pyrene	129-00-0	0.2	0.034	ug/L
525 W	bis(2-Ethylhexyl)phthalate	117-81-7	2	0.5	ug/L
525 W	Di-n-butylphthalate	84-74-2	2	0.351	ug/L
525 W	Diethylphthalate	84-66-2	2	0.514	ug/L
525 W	Dimethylphthalate	131-11-3	1.6	1.086	ug/L
525 W	trans-Nonachlor	39765-80-5	0.2	0.116	ug/L
525 W	Thiobencarb	28249-77-6	2	0.469	ug/L
525 W	Fluorene	86-73-7	0.2	0.025	ug/L
525 W	Atrazine	1912-24-9	0.1	0.079	ug/L
5253WUCMR	Chlorpyrifos	2921-88-2	0.03	0.01	ug/L
5253WUCMR	Dimethipin	55290-64-7	0.2	0.067	ug/L
5253WUCMR	Ethoprop	13194-48-4	0.03	0.01	ug/L
5253WUCMR	alpha-BHC	319-84-6	0.01	0.0033	ug/L
5253WUCMR	Oxyfluorfen	42874-03-3	0.05	0.017	ug/L
5253WUCMR	Permethrin	52645-53-1	0.04	0.013	ug/L
5253WUCMR	Profenofos	41198-08-7	0.3	0.1	ug/L
5253WUCMR	Tebuconazole	107534-96-3	0.2	0.067	ug/L
5253WUCMR	Merphos-Oxone	78-48-8	0.07	0.023	ug/L
530 WUCMR	Butylated Hydroxyanisole	25013-16-5	0.03	0.01	ug/L
530 WUCMR	O-Toluidine	95-53-4	0.007	0.0023	ug/L
530 WUCMR	Quinoline	91-22-5	0.02	0.0067	ug/L
531 W	3-Hydroxycarbofuran	16655-82-6	2	0.3958	ug/L
531 W	Aldicarb	116-06-3	2	0.1074	ug/L
531 W	Aldicarb sulfone	1646-88-4	2	0.223	ug/L
531 W	Aldicarb sulfoxide	1646-87-3	2	0.1248	ug/L
531 W	Carbofuran	1563-66-2	2	0.2067	ug/L
531 W	Carbaryl	63-25-2	2	0.1115	ug/L
531 W	Methiocarb	2032-65-7	2	0.4052	ug/L
531 W	Methomyl	16752-77-5	2	0.1017	ug/L
531 W	Oxamyl	23135-22-0	2	0.1775	ug/L
5310B W	Total Organic Carbon	7440-44-0	1	0.5	mg/L
5310BWD	Dissolved Organic Carbon		1	0.5	mg/L
5312 W	Carbofuran	1563-66-2	0.9	0.6702	ug/L
5312 W	Oxamyl	23135-22-0	2	0.4408	ug/L
5371 W	Perfluorooctanesulfonic	1763-23-1	0.004	0.00123	ug/L
5371 W	Perfluorooctanoic acid	335-67-1	0.004	0.000894	ug/L
5371 W	Perfluorohexanesulfonic acid	355-46-4	0.004	0.00075	ug/L
5371 W	Perfluoroheptanoic acid	375-85-9	0.004	0.00103	ug/L
5371 W	Perfluorononanoic acid	375-95-1	0.004	0.002	ug/L

5371 W	Perfluorobutanesulfonic	375-73-5	0.004	0.00068	ug/L
5371 W	Perfluoroundecanoic acid	2058-94-8	0.004	0.002	ug/L
5371 W	Perfluorododecanoic acid	307-55-1	0.004	0.00149	ug/L
5371 W	Perfluorodecanoic acid	335-76-2	0.004	0.002	ug/L
5371 W	Perfluorohexanoic acid	307-24-4	0.004	0.0013	ug/L
5371 W	NEtFOSAA	2991-50-6	0.004	0.00095	ug/L
5371 W	NMeFOSAA	2355-31-9	0.004	0.0016	ug/L
5371 W	Perfluorotetradecanoic acid	376-06-7	0.004	0.00192	ug/L
5371 W	Perfluorotridecanoic acid	72629-94-8	0.004	0.00178	ug/L
5371 W	HFPO-DA	13252-13-6	0.004	0.00167	ug/L
5371 W	ADONA	919005-14-4	0.004	0.00074	ug/L
5371 W	9CI-PF3ONS	756426-58-1	0.004	0.00116	ug/L
5371 W	11CI-PF3OUdS	763051-92-9	0.004	0.00162	ug/L
537W	Perfluorooctanesulfonic	1763-23-1	0.002	0.000832	ug/L
537W	Perfluorooctanoic acid	335-67-1	0.002	0.000894	ug/L
537W	Perfluorohexanesulfonic	355-46-4	0.002	0.000502	ug/L
537W	Perfluoroheptanoic acid	375-85-9	0.002	0.000388	ug/L
537W	Perfluorononanoic acid	375-95-1	0.002	0.000763	ug/L
537W	Perfluorobutanesulfonic	375-73-5	0.002	0.000495	ug/L
537W	Perfluoroundecanoic acid	2058-94-8	0.002	0.000589	ug/L
537W	Perfluorododecanoic acid	307-55-1	0.002	0.000492	ug/L
537W	Perfluorodecanoic acid	335-76-2	0.002	0.000714	ug/L
537W	Perfluorohexanoic acid	307-24-4	0.002	0.00051	ug/L
537W	NEtFOSAA	2991-50-6	0.002	0.0012	ug/L
537W	NMeFOSAA	2355-31-9	0.002	0.000587	ug/L
537W	Perfluorotetradecanoic acid	376-06-7	0.002	0.00192	ug/L
537W	Perfluorotridecanoic acid	72629-94-8	0.002	0.00042	ug/L
541 WUCMR	2-Propen-1-ol (Allyl alcohol)	107-18-6	0.5	0.17	ug/L
541 WUCMR	n-Butanol	71-36-3	2	0.67	ug/L
541 WUCMR	2-Methoxyethanol	109-86-4	0.4	0.13	ug/L
544 WUCMR	MC-LA	96180-79-9	0.008	0.0027	ug/L
544 WUCMR	MC-LF	154037-70-4	0.006	0.002	ug/L
544 WUCMR	MC-LR	101043-37-2	0.02	0.0067	ug/L
544 WUCMR	MC-LY	123304-10-9	0.009	0.003	ug/L
544 WUCMR	MC-RR	111755-37-4	0.006	0.002	ug/L
544 WUCMR	MC-YR	101064-48-6	0.02	0.0067	ug/L
544 WUCMR	Nodularin	118399-22-7	0.005	0.0017	ug/L
545 W	Cylindrospermopsin		0.09	0.03	ug/L
545 W	Anatoxin		0.03	0.01	ug/L
546 W	Total Microcystins		0.3	0.1	ug/L
547 W	Glyphosate		6	4.23	ug/L
548 W	Endothall		9	3.33	ug/L
549 W	Paraquat	1910-42-5	0.4	0.1628	ug/L
549 W	Diquat	85-00-7	0.4	0.1601	ug/L
5523 W	Monochloroacetic Acid	79-11-8	1	0.9	ug/L
5523 W	Monobromoacetic Acid	79-08-3	1	0.29	ug/L
5523 W	Dichloroacetic Acid	79-43-6	1	0.24	ug/L
5523 W	Trichloroacetic Acid	76-03-9	1	0.26	ug/L
5523 W	Dibromoacetic Acid	631-64-1	1	0.434	ug/L
5523 W	Haloacetic Acids (Total)		1	0.9	ug/L
5523 WUCMR	Monochloroacetic Acid	79-11-8	2	0.67	ug/L

5523 WUCMR	Monobromoacetic Acid	79-08-3	0.3	0.1	ug/L
5523 WUCMR	Dichloroacetic Acid	79-43-6	0.2	0.067	ug/L
5523 WUCMR	Trichloroacetic Acid	76-03-9	0.5	0.17	ug/L
5523 WUCMR	Dibromoacetic Acid	631-64-1	0.3	0.1	ug/L
5523 WUCMR	Bromochloroacetic Acid	5589-96-8	0.3	0.1	ug/L
5523 WUCMR	Haloacetic Acids (Total)		2	0.67	ug/L
5523 WUCMR	Bromodichloroacetic Acid	71133-14-7	0.5	0.17	ug/L
5523 WUCMR	Chlorodibromoacetic Acid	5278-95-5	0.3	0.1	ug/L
5523 WUCMR	Tribromoacetic Acid	75-96-7	2	0.67	ug/L
5523 WUCMR	Total Brominated HAAs		2	0.67	ug/L
5523 WUCMR	HAA9 Group		2	0.67	ug/L
5540C W2	MBAS, Calculated as LAS		0.2	0.099	mg/L
5910BW	U254 UV Absorbing		0.009	0.0016	cm-1
1604 WDVSS	Volatile Dissolved Solids		5	5	mg/L
2007 W	Aluminum	7429-90-5	100	30.7	ug/L
2007 W	Antimony	7440-36-0	15	5.5	ug/L
2007 W	Arsenic	7440-38-2	10	7.1	ug/L
2007 W	Barium	7440-39-3	10	0.84	ug/L
2007 W	Beryllium	7440-41-7	4	1.6	ug/L
2007 W	Boron	7440-42-8	50	12.4	ug/L
2007 W	Cadmium	7440-43-9	1	0.33	ug/L
2007 W	Calcium	7440-70-2	500	64.1	ug/L
2007 W	Chromium	7440-47-3	5	1.7	ug/L
2007 W	Cobalt	7440-48-4	10	0.96	ug/L
2007 W	Copper	7440-50-8	5	2.6	ug/L
2007 W	Iron	7439-89-6	40	9.2	ug/L
2007 W	Lead	7439-92-1	10	4.6	ug/L
2007 W	Magnesium	7439-95-4	500	84	ug/L
2007 W	Manganese	7439-96-5	5	0.42	ug/L
2007 W	Molybdenum	7439-98-7	10	1.6	ug/L
2007 W	Nickel	7440-02-0	5	2.1	ug/L
2007 W	Potassium	7440-09-7	1000	150.4	ug/L
2007 W	Silver	7440-22-4	5	1	ug/L
2007 W	Sodium	7440-23-5	2000	272.7	ug/L
2007 W	Vanadium	7440-62-2	10	1	ug/L
2007 W	Zinc	7440-66-6	20	11	ug/L
2007 W	Thallium	7440-28-0	15	6.6	ug/L
2007 W	Tin	7440-31-5	50	40.1	ug/L
2007 W	Selenium	7782-49-2	15	8.5	ug/L
2007 W	Silicon	7440-21-3	100	45.7	ug/L
2007 W	Strontium	7440-24-6	10	0.73	ug/L
2008 W	Beryllium	7440-41-7	0.1	0.0327	ug/L
2008 W	Aluminum	7429-90-5	10	8.64	ug/L
2008 W	Vanadium	7440-62-2	1	0.91	ug/L
2008 W	Chromium	7440-47-3	1	0.5	ug/L
2008 W	Manganese	7439-96-5	1	0.69	ug/L
2008 W	Cobalt	7440-48-4	1	0.244	ug/L
2008 W	Nickel	7440-02-0	1	0.62	ug/L
2008 W	Copper	7440-50-8	1	0.93	ug/L
2008 W	Zinc	7440-66-6	5	4.29	ug/L
2008 W	Arsenic	7440-38-2	1	0.5	ug/L

2008 W	Selenium	7782-49-2	2	1.23	ug/L
2008 W	Molybdenum	7439-98-7	1	0.5	ug/L
2008 W	Silver	7440-22-4	0.5	0.21	ug/L
2008 W	Cadmium	7440-43-9	0.1	0.05	ug/L
2008 W	Antimony	7440-36-0	1	0.5	ug/L
2008 W	Barium	7440-39-3	1	0.5	ug/L
2008 W	Thallium	7440-28-0	1	0.1066	ug/L
2008 W	Lead	7439-92-1	1	0.221	ug/L
2008 W	Uranium	7440-61-1	1	0.22	ug/L
2186 W	Chromium, Hexavalent	18540-29-9	0.025	0.0133	ug/L
2187 W	Chromium, Hexavalent	18540-29-9	0.025	0.0133	ug/L
2310B W	Acidity, Total		1	1	mg/L
2320BW	Alkalinity, Total as CaCO3		5	5	mg/L
3000 W	Nitrite as N	14797-65-0	0.05	0.025	mg/L
3000 W	Nitrate as N	14797-55-8	0.05	0.025	mg/L
3000 W	Orthophosphate as P		0.1	0.05	mg/L
3000 W	Nitrate-Nitrite (as N)	7727-37-9	1	0.05	mg/L
3000 W28	Bromide	24959-67-9	0.1	0.0362	mg/L
3000 W28	Chloride	16887-00-6	5	2.5	mg/L
3000 W28	Fluoride	16984-48-8	0.05	0.0146	mg/L
3000 W28	Sulfate	14808-79-8	5	2.5	mg/L
3001W	Chlorite		5	1.276	ug/L
3001 W28	Bromide	24959-67-9	5	3.96	ug/L
3001 W28	Bromate	15541-45-4	1	0.64	ug/L
3001 W28	Chlorate	7790-93-4	5	2.15	ug/L
3354 W	Cyanide	57-12-5	0.01	0.005	mg/L
3501 W	Nitrogen, Ammonia	7664-41-7	0.05	0.0348	mg/L
3512 W	Nitrogen, Kjeldahl, Total	7727-37-9	0.5	0.086	mg/L
3532 W	Nitrogen, Nitrite	14797-65-0	0.05	0.025	mg/L
3532 W	Nitrogen, Nitrate	14797-55-8	0.05	0.025	mg/L
3532 W	Nitrogen, NO2 plus NO3		0.05	0.033	mg/L
3532 WN	Nitrogen, NO2 plus NO3		0.05	0.033	mg/L
3651 WO	Orthophosphate as P		0.004	0.0038	mg/L
3653WLL2	Phosphorus, Total (as P)	7723-14-0	0.004	0.0028	mg/L
3654 TW	Phosphorus, Total (as P)	7723-14-0	0.1	0.05	mg/L
4104 W	Chemical Oxygen Demand		20	12.5	mg/L
4204 W2	Phenolics, Total		0.01	0.005	mg/L
4204WLOW	Phenolics, Total Recoverable LL		0.001	0.0006	mg/L
4500CLD	Chlorine, Total	7782-50-5	0.1	0.1	mg/L
4500CLD	Chlorine, Free	7782-50-5	0.1	0.1	mg/L
4500CLD	Chloramine	10599-90-3	0.1	0.1	mg/L
4500CLD	Monochloramine		0.1	0.1	mg/L
4500CLD	Dichloramine		0.1	0.1	mg/L
4500CIO2	Chlorine Dioxide		0.2	0.107	mg/L
4500S2F W	Sulfide	18496-25-8	0.1	0.1	mg/L
5310B W	Total Organic Carbon	7440-44-0	1	0.5	mg/L
5310BWD	Dissolved Organic Carbon		1	0.5	mg/L
6010 W35	Aluminum	7429-90-5	100	30.7	ug/L
6010 W35	Antimony	7440-36-0	15	5.5	ug/L
6010 W35	Arsenic	7440-38-2	10	7.1	ug/L

6010 W35	Barium	7440-39-3	10	0.84	ug/L
6010 W35	Beryllium	7440-41-7	4	1.6	ug/L
6010 W35	Boron	7440-42-8	50	12.4	ug/L
6010 W35	Cadmium	7440-43-9	1	0.33	ug/L
6010 W35	Calcium	7440-70-2	500	64.1	ug/L
6010 W35	Chromium	7440-47-3	5	1.7	ug/L
6010 W35	Cobalt	7440-48-4	10	0.96	ug/L
6010 W35	Copper	7440-50-8	5	2.6	ug/L
6010 W35	Iron	7439-89-6	40	9.2	ug/L
6010 W35	Lead	7439-92-1	10	4.6	ug/L
6010 W35	Magnesium	7439-95-4	500	84	ug/L
6010 W35	Manganese	7439-96-5	5	0.42	ug/L
6010 W35	Molybdenum	7439-98-7	10	1.6	ug/L
6010 W35	Nickel	7440-02-0	5	2.1	ug/L
6010 W35	Potassium	7440-09-7	1000	150.4	ug/L
6010 W35	Selenium	7782-49-2	15	8.5	ug/L
6010 W35	Zinc	7440-66-6	20	11	ug/L
6010 W35	Silver	7440-22-4	5	1	ug/L
6010 W35	Sodium	7440-23-5	2000	272.7	ug/L
6010 W35	Vanadium	7440-62-2	10	1	ug/L
6010 W35	Thallium	7440-28-0	15	6.6	ug/L
6010 W35	Tin	7440-31-5	50	40.1	ug/L
6010 W35	Strontium	7440-24-6	10	0.73	ug/L
6010 W35	Sulfur		200	16.7	ug/L
6010 W35	Ca Hardness as CaCO3 (SM 2340B		1248	160.1	ug/L
6010 W35	Mg Hardness as CaCO3		2060	345.9	ug/L
6010 W35	Tot Hardness asCaCO3 (SM		3208	506	ug/L
6010 W35	Phosphorus	7723-14-0	45	14	ug/L
6010 W35	Titanium	7440-32-6	100	38.4	ug/L
6010 W35	Silicon	7440-21-3	100	45.7	ug/L
6010 W35	Silica	7631-86-9	214	97.8	ug/L
6020 W35	Aluminum	7429-90-5	10	8.64	ug/L
6020 W35	Antimony	7440-36-0	1	0.5	ug/L
6020 W35	Arsenic	7440-38-2	1	0.5	ug/L
6020 W35	Barium	7440-39-3	1	0.5	ug/L
6020 W35	Boron	7440-42-8	5	2.5	ug/L
6020 W35	Beryllium	7440-41-7	0.1	0.0327	ug/L
6020 W35	Cadmium	7440-43-9	0.1	0.05	ug/L
6020 W35	Chromium	7440-47-3	1	0.5	ug/L
6020 W35	Cobalt	7440-48-4	1	0.244	ug/L
6020 W35	Copper	7440-50-8	1	0.93	ug/L
6020 W35	Iron	7439-89-6	10	6.37	ug/L
6020 W35	Lead	7439-92-1	1	0.221	ug/L
6020 W35	Manganese	7439-96-5	1	0.69	ug/L
6020 W35	Molybdenum	7439-98-7	1	0.5	ug/L
6020 W35	Nickel	7440-02-0	1	0.62	ug/L
6020 W35	Selenium	7782-49-2	2	1.23	ug/L
6020 W35	Zinc	7440-66-6	5	4.29	ug/L
6020 W35	Silver	7440-22-4	0.5	0.21	ug/L
6020 W35	Vanadium	7440-62-2	1	0.91	ug/L

6020 W35	Thallium	7440-28-0	1	0.1066	ug/L
6020 W35	Tin	7440-31-5	5		ug/L
6020 W35	Strontium	7440-24-6	1	0.5	ug/L
6020 W35	Titanium	7440-32-6	1	0.416	ug/L
608 PCB W	PCB-1016 (Aroclor 1016)	12674-11-2	0.5	0.08	ug/L
608 PCB W	PCB-1221 (Aroclor 1221)	11104-28-2	0.5	0.081	ug/L
608 PCB W	PCB-1232 (Aroclor 1232)	11141-16-5	0.5	0.118	ug/L
608 PCB W	PCB-1242 (Aroclor 1242)	53469-21-9	0.5	0.126	ug/L
608 PCB W	PCB-1248 (Aroclor 1248)	12672-29-6	0.5	0.275	ug/L
608 PCB W	PCB-1254 (Aroclor 1254)	11097-69-1	0.5	0.145	ug/L
608 PCB W	PCB-1260 (Aroclor 1260)	11096-82-5	0.5	0.11	ug/L
608 PEST W	Aldrin	309-00-2	0.08	0.0701	ug/L
608 PEST W	alpha-BHC	319-84-6	0.01	0.0021	ug/L
608 PEST W	beta-BHC	319-85-7	0.03	0.02	ug/L
608 PEST W	delta-BHC	319-86-8	0.01	0.0048	ug/L
608 PEST W	gamma-BHC (Lindane)	58-89-9	0.01	0.0022	ug/L
608 PEST W	Dieldrin	60-57-1	0.03	0.002	ug/L
608 PEST W	Endosulfan I	959-98-8	0.01	0.0051	ug/L
608 PEST W	Endosulfan II	33213-65-9	0.01	0.004	ug/L
608 PEST W	Endrin	72-20-8	0.01	0.0043	ug/L
608 PEST W	Heptachlor	76-44-8	0.01	0.0062	ug/L
608 PEST W	Heptachlor epoxide	1024-57-3	0.02	0.0157	ug/L
608 PEST W	4,4'-DDE	72-55-9	0.01	0.005	ug/L
608 PEST W	4,4'-DDT	50-29-3	0.01	0.0051	ug/L
608 PEST W	4,4'-DDD	72-54-8	0.01	0.0027	ug/L
608 PEST W	Chlordane (Technical)	57-74-9	0.5	0.2461	ug/L
608 PEST W	Endosulfan sulfate	1031-07-8	0.1	0.0062	ug/L
608 PEST W	Toxaphene	8001-35-2	0.5	0.25	ug/L
608 PEST W	Endrin aldehyde	7421-93-4	0.1	0.0036	ug/L
608 PEST W	Endrin ketone	53494-70-5	0.01	0.005	ug/L
608 PEST W	alpha-Chlordane	5103-71-9	0.01	0.0082	ug/L
608 PEST W	gamma-Chlordane	5103-74-2	0.1	0.0904	ug/L
608 PEST W	Methoxychlor	72-43-5	0.01	0.0042	ug/L
608 PEST W	Mirex	2385-85-5	0.1	0.0032	ug/L
6241 W	Chloromethane	74-87-3	3	0.97	ug/L
6241 W	Vinyl chloride	75-01-4	1.5	0.39	ug/L
6241 W	Bromomethane	74-83-9	12	4	ug/L
6241 W	Chloroethane	75-00-3	12	3.73	ug/L
6241 W	Trichlorofluoromethane	75-69-4	1.5	0.35	ug/L
6241 W	Methylene Chloride	75-09-2	5	1	ug/L
6241 W	1,1-Dichloroethene	75-35-4	1	0.27	ug/L
6241 W	trans-1,2-Dichloroethene	156-60-5	1	0.23	ug/L
6241 W	1,1-Dichloroethane	75-34-3	1	0.34	ug/L
6241 W	cis-1,2-Dichloroethene	156-59-2	1	0.27	ug/L
6241 W	1,2-Dichloroethene (Total)	540-59-0	1	0.27	ug/L
6241 W	Chloroform	67-66-3	1	0.32	ug/L
6241 W	1,1,1-Trichloroethane	71-55-6	1	0.3	ug/L
6241 W	Carbon tetrachloride	56-23-5	4	1.14	ug/L
6241 W	Benzene	71-43-2	1	0.3	ug/L
6241 W	1,2-Dichloroethane	107-06-2	1	0.21	ug/L
6241 W	Trichloroethene	79-01-6	1.2	0.36	ug/L

6241 W	1,2-Dichloropropane	78-87-5	1	0.23	ug/L
6241 W	Bromodichloromethane	75-27-4	0.6	0.19	ug/L
6241 W	trans-1,3-Dichloropropene	10061-02-6	0.6	0.17	ug/L
6241 W	Toluene	108-88-3	1	0.33	ug/L
6241 W	cis-1,3-Dichloropropene	10061-01-5	0.6	0.17	ug/L
6241 W	1,1,2-Trichloroethane	79-00-5	1	0.3	ug/L
6241 W	Tetrachloroethene	127-18-4	1.5	0.38	ug/L
6241 W	Dibromochloromethane	124-48-1	2	0.45	ug/L
6241 W	Chlorobenzene	108-90-7	1.5	0.35	ug/L
6241 W	Ethylbenzene	100-41-4	1	0.3	ug/L
6241 W	Xylene (Total)	1330-20-7	6.5	2.06	ug/L
6241 W	Bromoform	75-25-2	8	2.65	ug/L
6241 W	1,1,2,2-Tetrachloroethane	79-34-5	0.6	0.2	ug/L
6241 W	1,3-Dichlorobenzene	541-73-1	1	0.33	ug/L
6241 W	1,4-Dichlorobenzene	106-46-7	1	0.28	ug/L
6241 W	1,2-Dichlorobenzene	95-50-1	1	0.29	ug/L
6241 W	Acrolein	107-02-8	20	6.19	ug/L
6241 W	Acrylonitrile	107-13-1	12	3.69	ug/L
6241 W	2-Chloroethylvinyl ether	110-75-8	10	1.45	ug/L
6241 W	m&p-Xylene	179601-23-1	6.5	2.06	ug/L
6241 W	o-Xylene	95-47-6	1	0.27	ug/L
7470 W	Mercury	7439-97-6	0.2	0.09	ug/L
8011 W	1,2-Dibromoethane (EDB)	106-93-4	0.01	0.0075	ug/L
8011 W	1,2-Dibromo-3-chloropropane	96-12-8	0.02	0.0064	ug/L
8081 W	alpha-BHC	319-84-6	0.01	0.0021	ug/L
8081 W	gamma-BHC (Lindane)	58-89-9	0.01	0.0022	ug/L
8081 W	beta-BHC	319-85-7	0.03	0.02	ug/L
8081 W	Heptachlor	76-44-8	0.01	0.0062	ug/L
8081 W	delta-BHC	319-86-8	0.01	0.0048	ug/L
8081 W	Aldrin	309-00-2	0.08	0.0701	ug/L
8081 W	Heptachlor epoxide	1024-57-3	0.02	0.0157	ug/L
8081 W	Endosulfan I	959-98-8	0.01	0.0051	ug/L
8081 W	4,4'-DDE	72-55-9	0.01	0.005	ug/L
8081 W	Dieldrin	60-57-1	0.03	0.002	ug/L
8081 W	Endrin	72-20-8	0.01	0.0043	ug/L
8081 W	4,4'-DDD	72-54-8	0.01	0.0027	ug/L
8081 W	Endosulfan II	33213-65-9	0.01	0.004	ug/L
8081 W	4,4'-DDT	50-29-3	0.01	0.0051	ug/L
8081 W	Endrin aldehyde	7421-93-4	0.1	0.0036	ug/L
8081 W	Endosulfan sulfate	1031-07-8	0.1	0.0062	ug/L
8081 W	Methoxychlor	72-43-5	0.01	0.0042	ug/L
8081 W	Endrin ketone	53494-70-5	0.01	0.005	ug/L
8081 W	Chlordane (Technical)	57-74-9	0.5	0.2461	ug/L
8081 W	Toxaphene	8001-35-2	0.5	0.25	ug/L
8082 W	PCB-1016 (Aroclor 1016)	12674-11-2	0.5	0.08	ug/L
8082 W	PCB-1221 (Aroclor 1221)	11104-28-2	0.5	0.081	ug/L
8082 W	PCB-1232 (Aroclor 1232)	11141-16-5	0.5	0.118	ug/L
8082 W	PCB-1242 (Aroclor 1242)	53469-21-9	0.5	0.126	ug/L
8082 W	PCB-1248 (Aroclor 1248)	12672-29-6	0.5	0.275	ug/L
8082 W	PCB-1254 (Aroclor 1254)	11097-69-1	0.5	0.145	ug/L

8082 W	PCB-1260 (Aroclor 1260)	11096-82-5	0.5	0.11	ug/L
8260 W	1,1,1,2-Tetrachloroethane	630-20-6	1	0.32	ug/L
8260 W	1,1,1-Trichloroethane	71-55-6	1	0.3	ug/L
8260 W	1,1,2,2-Tetrachloroethane	79-34-5	0.5	0.2	ug/L
8260 W	1,1,2-Trichloroethane	79-00-5	1	0.3	ug/L
8260 W	1,1-Dichloroethane	75-34-3	1	0.34	ug/L
8260 W	1,1-Dichloroethene	75-35-4	1	0.27	ug/L
8260 W	1,2,3-Trichloropropane	96-18-4	2	1.1	ug/L
8260 W	1,2,4-Trimethylbenzene	95-63-6	1	0.24	ug/L
8260 W	1,2-Dibromo-3-	96-12-8	5	1.89	ug/L
8260 W	1,2-Dibromoethane (EDB)	106-93-4	1	0.31	ug/L
8260 W	1,2-Dichlorobenzene	95-50-1	1	0.29	ug/L
8260 W	1,2-Dichloroethane	107-06-2	1	0.27	ug/L
8260 W	1,2-Dichloroethene (Total)	540-59-0	1	0.27	ug/L
8260 W	1,2-Dichloropropane	78-87-5	1	0.23	ug/L
8260 W	1,3,5-Trimethylbenzene	108-67-8	1	0.24	ug/L
8260 W	1,4-Dichlorobenzene	106-46-7	1	0.28	ug/L
8260 W	2-Butanone (MEK)	78-93-3	10	7.49	ug/L
8260 W	2-Hexanone	591-78-6	10	0.85	ug/L
8260 W	4-Methyl-2-pentanone	108-10-1	10	0.32	ug/L
8260 W	Acetone	67-64-1	20	5.27	ug/L
8260 W	Acetonitrile	75-05-8	40	24.5	ug/L
8260 W	Benzene	71-43-2	1	0.3	ug/L
8260 W	Bromochloromethane	74-97-5	1	0.37	ug/L
8260 W	Bromodichloromethane	75-27-4	0.6	0.19	ug/L
8260 W	Bromoform	75-25-2	3	2.65	ug/L
8260 W	Bromomethane	74-83-9	5	4	ug/L
8260 W	Carbon disulfide	75-15-0	10	0.45	ug/L
8260 W	Carbon tetrachloride	56-23-5	3	1.14	ug/L
8260 W	Chlorobenzene	108-90-7	1	0.35	ug/L
8260 W	Chloroethane	75-00-3	10	3.73	ug/L
8260 W	Chloroform	67-66-3	1	0.32	ug/L
8260 W	Chloromethane	74-87-3	1	0.97	ug/L
8260 W	cis-1,2-Dichloroethene	156-59-2	1	0.27	ug/L
8260 W	cis-1,3-Dichloropropene	10061-01-5	0.5	0.17	ug/L
8260 W	Dibromochloromethane	124-48-1	2	0.45	ug/L
8260 W	Dibromomethane	74-95-3	2	0.68	ug/L
8260 W	Ethylbenzene	100-41-4	1	0.3	ug/L
8260 W	Iodomethane	74-88-4	10	9.34	ug/L
8260 W	Isopropylbenzene	98-82-8	1	0.3	ug/L
8260 W	Methylene Chloride	75-09-2	5	1.98	ug/L
8260 W	Methyl-tert-butyl ether	1634-04-4	2	0.51	ug/L
8260 W	Styrene	100-42-5	1	0.26	ug/L
8260 W	Tetrachloroethene	127-18-4	1	0.38	ug/L
8260 W	Toluene	108-88-3	1	0.33	ug/L
8260 W	trans-1,2-Dichloroethene	156-60-5	1	0.23	ug/L
8260 W	trans-1,3-Dichloropropene	10061-02-6	0.5	0.17	ug/L
8260 W	trans-1,4-Dichloro-2-butene	110-57-6	10	2.5	ug/L
8260 W	Trichloroethene	79-01-6	1	0.36	ug/L
8260 W	Trichlorofluoromethane	75-69-4	1	0.35	ug/L
8260 W	Vinyl acetate	108-05-4	10	0.19	ug/L

8260 W	Vinyl chloride	75-01-4	1	0.39	ug/L
8260 W	m&p-Xylene	179601-23-1	4	2.06	ug/L
8260 W	o-Xylene	95-47-6	1	0.27	ug/L
8260 W	Xylene (Total)	1330-20-7	5	2.06	ug/L
8270 PAHLV	Naphthalene	91-20-3	2	0.292	ug/L
8270 PAHLV	Naphthalene	91-20-3	2	0.292	ug/L
8270 PAHLV	2-Methylnaphthalene	91-57-6	2	0.684	ug/L
8270 PAHLV	2-Methylnaphthalene	91-57-6	2	0.684	ug/L
8270 PAHLV	1-Methylnaphthalene	90-12-0	2	0.193	ug/L
8270 PAHLV	1-Methylnaphthalene	90-12-0	2	0.193	ug/L
8270 PAHLV	Acenaphthylene	208-96-8	0.5	0.0305	ug/L
8270 PAHLV	Acenaphthylene	208-96-8	0.5	0.0305	ug/L
8270 PAHLV	Acenaphthene	83-32-9	0.5	0.0398	ug/L
8270 PAHLV	Acenaphthene	83-32-9	0.5	0.0398	ug/L
8270 PAHLV	Fluorene	86-73-7	0.5	0.0875	ug/L
8270 PAHLV	Fluorene	86-73-7	0.5	0.0875	ug/L
8270 PAHLV	Phenanthrene	85-01-8	0.5	0.1582	ug/L
8270 PAHLV	Phenanthrene	85-01-8	0.5	0.1582	ug/L
8270 PAHLV	Anthracene	120-12-7	0.5	0.0432	ug/L
8270 PAHLV	Anthracene	120-12-7	0.5	0.0432	ug/L
8270 PAHLV	Fluoranthene	206-44-0	0.5	0.018	ug/L
8270 PAHLV	Fluoranthene	206-44-0	0.5	0.018	ug/L
8270 PAHLV	Pyrene	129-00-0	0.5	0.0321	ug/L
8270 PAHLV	Pyrene	129-00-0	0.5	0.0321	ug/L
8270 PAHLV	Benzo(a)anthracene	56-55-3	0.1	0.0554	ug/L
8270 PAHLV	Benzo(a)anthracene	56-55-3	0.1	0.0554	ug/L
8270 PAHLV	Chrysene	218-01-9	0.5	0.0255	ug/L
8270 PAHLV	Chrysene	218-01-9	0.5	0.0255	ug/L
8270 PAHLV	Benzo(a)pyrene	50-32-8	0.2	0.123	ug/L
8270 PAHLV	Benzo(a)pyrene	50-32-8	0.2	0.123	ug/L
8270 PAHLV	Benzo(b)fluoranthene	205-99-2	0.1	0.0267	ug/L
8270 PAHLV	Benzo(b)fluoranthene	205-99-2	0.1	0.0267	ug/L
8270 PAHLV	Indeno(1,2,3-cd)pyrene	193-39-5	0.15	0.1214	ug/L
8270 PAHLV	Indeno(1,2,3-cd)pyrene	193-39-5	0.15	0.1214	ug/L
8270 PAHLV	Dibenz(a,h)anthracene	53-70-3	0.15	0.1294	ug/L
8270 PAHLV	Dibenz(a,h)anthracene	53-70-3	0.15	0.1294	ug/L
8270 PAHLV	Benzo(g,h,i)perylene	191-24-2	0.5	0.147	ug/L
8270 PAHLV	Benzo(g,h,i)perylene	191-24-2	0.5	0.147	ug/L
8270 PAHLV	Benzo(k)fluoranthene	207-08-9	0.5	0.1599	ug/L
8270 PAHLV	Benzo(k)fluoranthene	207-08-9	0.5	0.1599	ug/L
8270 WSEP	Phenol	108-95-2	5	0.63	ug/L
8270 WSEP	bis(2-Chloroethyl) ether	111-44-4	4	0.34	ug/L
8270 WSEP	2-Chlorophenol	95-57-8	5	1.35	ug/L
8270 WSEP	1,3-Dichlorobenzene	541-73-1	5	1.52	ug/L
8270 WSEP	1,4-Dichlorobenzene	106-46-7	5	1.54	ug/L
8270 WSEP	1,2-Dichlorobenzene	95-50-1	5	1.53	ug/L
8270 WSEP	2-Methylphenol(o-Cresol)	95-48-7	5	0.3	ug/L
8270 WSEP	bis(2-Chloroisopropyl) ether	108-60-1	6	1.79	ug/L
8270 WSEP	3&4-Methylphenol(m&p		10	0.22	ug/L
8270 WSEP	N-Nitroso-di-n-propylamine	621-64-7	4	0.33	ug/L
8270 WSEP	Hexachloroethane	67-72-1	5	1.37	ug/L

8270 WSEP	Nitrobenzene	98-95-3	4	0.37	ug/L
8270 WSEP	Isophorone	78-59-1	5	1.67	ug/L
8270 WSEP	2-Nitrophenol	88-75-5	5	1.36	ug/L
8270 WSEP	2,4-Dimethylphenol	105-67-9	5	1.03	ug/L
8270 WSEP	2,4-Dichlorophenol	120-83-2	2	0.34	ug/L
8270 WSEP	1,2,4-Trichlorobenzene	120-82-1	5	1.43	ug/L
8270 WSEP	Naphthalene	91-20-3	5	0.39	ug/L
8270 WSEP	4-Chloroaniline	106-47-8	5	1.41	ug/L
8270 WSEP	Hexachloro-1,3-butadiene	87-68-3	2	0.35	ug/L
8270 WSEP	4-Chloro-3-methylphenol	59-50-7	20	5.41	ug/L
8270 WSEP	2-Methylnaphthalene	91-57-6	5	0.28	ug/L
8270 WSEP	Hexachlorocyclopentadiene	77-47-4	11	3.43	ug/L
8270 WSEP	2,4,6-Trichlorophenol	88-06-2	2	0.36	ug/L
8270 WSEP	2,4,5-Trichlorophenol	95-95-4	4	0.23	ug/L
8270 WSEP	2-Chloronaphthalene	91-58-7	5	0.34	ug/L
8270 WSEP	2-Nitroaniline	88-74-4	5	1.29	ug/L
8270 WSEP	Dimethylphthalate	131-11-3	5	1.42	ug/L
8270 WSEP	Acenaphthylene	208-96-8	5	0.3	ug/L
8270 WSEP	2,6-Dinitrotoluene	606-20-2	2	0.28	ug/L
8270 WSEP	3-Nitroaniline	99-09-2	5	1.29	ug/L
8270 WSEP	Acenaphthene	83-32-9	5	0.36	ug/L
8270 WSEP	2,4-Dinitrophenol	51-28-5	20	2.65	ug/L
8270 WSEP	4-Nitrophenol	100-02-7	20	1.95	ug/L
8270 WSEP	Dibenzofuran	132-64-9	5	1.47	ug/L
8270 WSEP	2,4-Dinitrotoluene	121-14-2	4	0.27	ug/L
8270 WSEP	Diethylphthalate	84-66-2	5	1.41	ug/L
8270 WSEP	4-Chlorophenylphenyl ether	7005-72-3	5	1.44	ug/L
8270 WSEP	Fluorene	86-73-7	5	0.34	ug/L
8270 WSEP	4-Nitroaniline	100-01-6	4	0.19	ug/L
8270 WSEP	4,6-Dinitro-2-methylphenol	534-52-1	20	4.58	ug/L
8270 WSEP	N-Nitrosodiphenylamine	86-30-6	5	1.21	ug/L
8270 WSEP	4-Bromophenylphenyl ether	101-55-3	5	1.66	ug/L
8270 WSEP	Hexachlorobenzene	118-74-1	1	0.29	ug/L
8270 WSEP	Pentachlorophenol	87-86-5	20	1.65	ug/L
8270 WSEP	Phenanthrene	85-01-8	5	0.23	ug/L
8270 WSEP	Anthracene	120-12-7	5	0.22	ug/L
8270 WSEP	Di-n-butylphthalate	84-74-2	5	1.06	ug/L
8270 WSEP	Fluoranthene	206-44-0	5	0.21	ug/L
8270 WSEP	Pyrene	129-00-0	5	0.21	ug/L
8270 WSEP	Butylbenzylphthalate	85-68-7	5	1.12	ug/L
8270 WSEP	3,3'-Dichlorobenzidine	91-94-1	10	1.05	ug/L
8270 WSEP	Benzo(a)anthracene	56-55-3	5	0.2	ug/L
8270 WSEP	Chrysene	218-01-9	5	0.2	ug/L
8270 WSEP	bis(2-Ethylhexyl)phthalate	117-81-7	5	1.12	ug/L
8270 WSEP	Di-n-octylphthalate	117-84-0	5	0.92	ug/L
8270 WSEP	Benzo(b)fluoranthene	205-99-2	2	0.27	ug/L
8270 WSEP	Benzo(k)fluoranthene	207-08-9	4	0.18	ug/L
8270 WSEP	Benzo(a)pyrene	50-32-8	1	0.17	ug/L
8270 WSEP	Indeno(1,2,3-cd)pyrene	193-39-5	2	0.17	ug/L
8270 WSEP	Dibenz(a,h)anthracene	53-70-3	2	0.18	ug/L
8270 WSEP	Benzo(g,h,i)perylene	191-24-2	5	0.17	ug/L

8270 WSEP	Carbazole	86-74-8	5	1.11	ug/L
8270 WSEP	Caprolactam	105-60-2	5	0.4	ug/L
8270 WSEP	2,3,4,6-Tetrachlorophenol	58-90-2	5	1.05	ug/L
8270 WSEP	1,2-Diphenylhydrazine	122-66-7	5	1.4	ug/L
8270 WSEP	Aniline	62-53-3	5	0.94	ug/L
8270 WSEP	Benzidine	92-87-5	25	0.87	ug/L
8270 WSEP	bis(2-	111-91-1	5	1.62	ug/L
8270 WSEP	N-Nitrosodimethylamine	62-75-9	2	0.2	ug/L
8270 WSEP	Pyridine	110-86-1	5	1.12	ug/L
8270 WSEP	1-Methylnaphthalene	90-12-0	5	0.36	ug/L
8270 WSEP	2,3,5,6-Tetrachlorophenol	935-95-5	9	1.86	ug/L
8270 WSEP	1,2-Dinitrobenzene	528-29-0	6	1.91	ug/L
8270 WSEP	1,3-Dinitrobenzene	99-65-0	8	1.15	ug/L
8270 WSEP	Benzyl alcohol	100-51-6	5	1.26	ug/L
9012 W	Cyanide	57-12-5	0.01	0.005	mg/L
9040 W	pH at 25 Degrees C		0.1	0.1	Std. Units
9056 W	Bromide	24959-67-9	0.1	0.0362	mg/L
9056 W	Chloride	16887-00-6	5	2.5	mg/L
9056 W	Fluoride	16984-48-8	0.05	0.0146	mg/L
9056 W	Sulfate	14808-79-8	5	2.5	mg/L
9066 W2	Phenolics, Total		0.01	0.005	mg/L
9222D	Fecal Coliforms		1	1	CFU/100 mL
CHLA W	Chlorophyll a		5	1.01	mg/m3
CHLA W	Chlorophyll b		5	1.01	mg/m3
CHLA W	Chlorophyll c		5	1.01	mg/m3
CHLA W	Chlorophyll a (Corrected)		5	1.01	mg/m3
CHLA W	Pheophytin		5	1.01	mg/m3
FLPRO WLW	Petroleum Range Organics		1	0.8	mg/L
TPHCWGWT	Aromatic (>C05-C07)		100	0.35	mg/L
TPHCWGWT	Aromatic (>C07-C08)		100	0.35	mg/L
TPHCWGWT	Aromatic (>C08-C10)		100	0.35	mg/L
TPHCWGWT	Aromatic (>C10-C12)		100	0.35	mg/L
TPHCWGWT	Aromatic (>C12-C16)		100	0.35	mg/L
TPHCWGWT	Aromatic (>C16-C21)		100	0.35	mg/L
TPHCWGWT	Aromatic (>C21-C35)		100	0.35	mg/L
TPHCWGWT	Aliphatic (>C05-C06)		74	0.259	mg/L
TPHCWGWT	Aliphatic (>C06-C08)		74	0.259	mg/L
TPHCWGWT	Aliphatic (>C08-C10)		74	0.259	mg/L
TPHCWGWT	Aliphatic (>C10-C12)		74	0.259	mg/L
TPHCWGWT	Aliphatic (>C12-C16)		74	0.259	mg/L
TPHCWGWT	Aliphatic (>C16-C35)		74	0.259	mg/L
TPHCWGWT	TPH Total (C05-C35)		100	0.35	mg/L
625 W	1,2,4-Trichlorobenzene	120-82-1	5	0.98	ug/L
625 W	2,4,6-Trichlorophenol	88-06-2	10	1.3	ug/L
625 W	2,4-Dichlorophenol	120-83-2	5	1.7	ug/L
625 W	2,4-Dimethylphenol	105-67-9	10	1.2	ug/L
625 W	2,4-Dinitrophenol	51-28-5	50	9	ug/L
625 W	2,4-Dinitrotoluene	121-14-2	5	0.9	ug/L
625 W	2,6-Dinitrotoluene	606-20-2	5	0.98	ug/L

625 W	2-Chloronaphthalene	91-58-7	5	0.98	ug/L
625 W	2-Chlorophenol	95-57-8	5	1.3	ug/L
625 W	2-Nitrophenol	88-75-5	5	0.91	ug/L
625 W	3,3'-Dichlorobenzidine	91-94-1	25	2.1	ug/L
625 W	4,6-Dinitro-2-methylphenol	534-52-1	20	2.6	ug/L
625 W	4-Bromophenylphenyl ether	101-55-3	5	0.82	ug/L
625 W	4-Chloro-3-methylphenol	59-50-7	5	3.7	ug/L
625 W	4-Chlorophenylphenyl ether	7005-72-3	5	0.87	ug/L
625 W	4-Nitrophenol	100-02-7	50	4.1	ug/L
625 W	Acenaphthene	83-32-9	5	0.25	ug/L
625 W	Acenaphthylene	208-96-8	5	0.21	ug/L
625 W	Anthracene	120-12-7	5	0.14	ug/L
625 W	Butylbenzylphthalate	85-68-7	5	0.79	ug/L
625 W	Benzo(k)fluoranthene	207-08-9	5	0.43	ug/L
625 W	Benzo(g,h,i)perylene	191-24-2	5	0.38	ug/L
625 W	Benzo(a)anthracene	56-55-3	5	0.33	ug/L
625 W	Benzo(b)fluoranthene	205-99-2	5	0.28	ug/L
625 W	Benzo(a)pyrene	50-32-8	5	0.3	ug/L
625 W	bis(2-	111-91-1	10	0.92	ug/L
625 W	bis(2-Chloroethyl) ether	111-44-4	5	1	ug/L
625 W	bis(2-Ethylhexyl)phthalate	117-81-7	5	0.79	ug/L
625 W	Chrysene	218-01-9	5	0.21	ug/L
625 W	Dibenz(a,h)anthracene	53-70-3	5	0.55	ug/L
625 W	Dimethylphthalate	131-11-3	5	0.76	ug/L
625 W	Di-n-butylphthalate	84-74-2	5	0.75	ug/L
625 W	Di-n-octylphthalate	117-84-0	5	0.66	ug/L
625 W	Diethylphthalate	84-66-2	5	0.58	ug/L
625 W	Fluorene	86-73-7	5	0.21	ug/L
625 W	Fluoranthene	206-44-0	5	0.21	ug/L
625 W	Hexachloro-1,3-butadiene	87-68-3	5	0.94	ug/L
625 W	Hexachlorobenzene	118-74-1	5	0.72	ug/L
625 W	Hexachlorocyclopentadiene	77-47-4	10	0.88	ug/L
625 W	Hexachloroethane	67-72-1	5	1.1	ug/L
625 W	Indeno(1,2,3-cd)pyrene	193-39-5	5	0.29	ug/L
625 W	Isophorone	78-59-1	10	0.89	ug/L
625 W	Naphthalene	91-20-3	5	0.34	ug/L
625 W	N-Nitroso-di-n-propylamine	621-64-7	5	0.99	ug/L
625 W	Nitrobenzene	98-95-3	5	1.1	ug/L
625 W	N-Nitrosodimethylamine	62-75-9	5	0.91	ug/L
625 W	N-Nitrosodiphenylamine	86-30-6	10	1	ug/L

625 W	Phenol	108-95-2	5	1.9	ug/L
625 W	Phenanthrene	85-01-8	5	0.22	ug/L
625 W	Pentachlorophenol	87-86-5	10	4.6	ug/L
625 W	Pyrene	129-00-0	5	0.19	ug/L
625 W	2,2'-Oxybis(1-	108-60-1	5	0.95	ug/L
625 W	1,2-diphenylhydrazone	122-67-7	5	0.9	ug/L
625 W	Benzadine	92-87-5	50	501	ug/L
Benchmark EA MDL/PQL for Thallium					
200.9	Thallium		1.168	0.292	ug/L

ADDENDUM NO. 1

June 2, 2020

TO: Prospective Bidders and Others Concerned.**SUBJECT:** Addendum # 1 **BID 2020-23 LABORATORY TESTING SERVICES**

NOTE: This addendum consists of the following documents. It is the Contractor's responsibility to ensure that all documents have been downloaded and reviewed prior to submitting bids on the work.

TO ALL BIDDERS: You are requested to make all changes and/or additions contained in this Addendum to the Bidding Documents. Failure to acknowledge this Addendum in Proposal may result in rejection of bid.

The Project Manual shall be amended as follows:

Item 1: Please delete "Pages 9 through 12 of 33" from the "Invitation to Bid" and replace it with "Pages 9R through 12R of 33."

Item 2: Please delete "Pages 15 through 19 of 33" from the "Invitation to Bid" and replace it with "Pages 15R through 19R of 33."

Item 3: A copy of the Florida Department of Environmental Protection Wastewater Treatment Plant Operating Permit, signed on May 8, 2020, is provided with this addendum.

Item 4: A copy of the Bid Form submitted by Pace Analytical for Bid No. 2015-34 is provided with this addendum. This unit price contract served as the basis of award with the current vendor.

Item 5: The following additional information is being provided in response to inquiries received.

Question 1: In section Reuse Effluent Analysis, are we supposed to only price out the methods and tests you list or does this include the full Primary and Secondary Drinking Water Standards, as well as the other tests and methods? Does this require Asbestos and Dioxin?

Answer 1: The bid includes the full Primary and Secondary Drinking Water Standards, as well as the other tests and methods. Asbestos and Dioxin are not included and are not part of our current permit. (A copy of the latest operating permit is provided with this addendum.)

Question 2: In section Wastewater, are you looking for the full Primary and Secondary Drinking Water Standards? Does this include Asbestos and Dioxin?

Answer 2: The reference to Primary and Secondary Drinking Water Standards has been removed from this section of the Itemized Bid sheet. Asbestos and Dioxin are not included and are not part of our current permit. (A copy of the latest operating permit is provided with this addendum.)

Question 3: In section Water, Primary Organics, does this include Asbestos?

Who is the most recent provider of these services to the City and what is currently being paid?

Answer 3: No, Asbestos is not included. The current provider of Laboratory Services is Pace Analytical. A copy of their original bid submittal is provided as an attachment to this addendum.

Question 4: In section Water, Regulated SOC's, does this include Dioxin?

Answer 4: No, Dioxin is not included.

Question 5: For the Subcontractors, the bid states the following: Subcontract labs, if any, shall be required to submit information in items "a - c" and "e - g." These sections include a lot of information from the subcontractors. For the Quality Manual of the sublabs, can we submit their cover page only with all signatures?

Answer 5: Subcontractor Labs must provide the information in items "a-c" and "e-g." A submission of a cover page with signatures will not comply with the requirements.

Question 6: Item #2. Bid Requirements states the following: "b. A price list must be submitted with your Bid showing individual parameter prices (for all listed parameters), method numbers, and method detection limits. Costs shall be firm for the duration of the contract." Are we to submit, in addition to the bid document pricing, our standard pricelist? Can we submit the additional pricelist and another document with our MDLs for all parameters we are certified for? We do not have a document that list all analytes, individual prices for each analyte and the MDLs all on one page.

Answer 6: Bidders are not asked nor required to submit a separate standard pricelist. However, as additional supplemental information, bidders may, if they so choose, submit an additional price list and any other documents deemed appropriate to accompany the company's MDLs for any and all parameters for which the company is certified.

Question 7: Are we required to submit a Performance Bond (Bid Bond) for the City of Ormond Beach BID No. 2020-23; LABORATORY TESTING SERVICES ITB? Is there a percentage amount to be submitted for this ITB?

Answer 7: No Bid Bond shall be required with this Bid. No Performance Bond shall be required with this Bid.

Question 8: Could you tell us who the current incumbent is and what is the current contract pricing?

Answer 8: Pace Analytical is the current Lab Services provider. A copy of their Unit Price Submittal from the original bid award is included.

Question 9: With Weekend work being a potential can the city add a few line items to the pricing sheet? Line items for weekend Fecal coliform, weekend courier and a line for any other weekend parameter with a percentage mark up for weekend work.

Answer 9: Minimum laboratory requirements have been revised to state "The contract lab shall be available a minimum of 7 days per week." The bid form shall not be revised to accommodate the request.

Question 10: Can the city confirm a subcontractor is one that is outside the bidding company and not another location for the same company?

Answer 10: Please consider this response as an affirmative confirmation that a secondary office of the contractor is not regarded as a subcontractor.

Question 11: In the insurance section page 28 of 33 section 4 Service Bond. Could this provision be removed, or could the language be changed to allow for a letter of credit or other type of assurance instead?

Answer 11: No, the City is unwilling to remove this provision from these bid documents. However, for clarification, please be advised that the contract does not require a bid bond and does not require a performance bond. (Refer to Question 7)

Question 12: Can the requirement for providing claim information be removed from the insurance section?

Answer 12: No, the City standard requirement for providing claim information shall not be altered with these bid documents.

Question 13: Would it be possible to remove the requirement in the insurance section D3 on page 32 of 33 stating that “If requested by the City, the contractor shall furnish complete copies of the Contractor’s insurance policies, forms and endorsements”?

Answer 13: No, the referenced clause in the City standard documents will not be changed at this time. Specifically, the requirement to furnish complete copies of the Contractor’s insurance policies, forms and endorsements, if requested, remains in effect.

Question 14: In the draft agreement page #5 b. This Agreement may not be terminated by the contractor.: Would the City please remove this provision in favor of both parties being able to terminate for default, etc.?

Answer 14: The Bid Documents will not be changed at this time. However, please note that under the Section entitled Contract Duration, either party may provide a written notice of non-renewal ninety calendar days prior to the Contract expiration date.

Question 15: Page 15 of 33 Price Sheet Reuse Effluent Analysis: Are the parameters for the Primary & Secondary Drinking Water Standard methods listed in the bid sheet table the only methods and parameters required, or it is the full primary and secondary?

Answer 15: The bid includes the full Primary and Secondary Drinking Water Standards, as well as the other tests and methods as required by the permit. Asbestos and Dioxin are not included and are not part of our current permit. (A copy of the latest operating permit is provided with this addendum.)

Question 16: Page 15 of 33 Price Sheet Reuse Effluent Analysis: If the full primary and secondary is needed are Asbestos and Dioxin required for this section?

Answer 16: The bid includes the full Primary and Secondary Drinking Water Standards, as well as the other tests and methods. Asbestos and Dioxin are not included and are not part of our current permit. (A copy of the latest operating permit is provided with this addendum.)

Question 17: Page 15 of 33 Price Sheet Reuse Effluent Analysis: Can the city please list the tables needed for this section?

Answer 17: A copy of the latest operating permit is provided with this addendum.

Question 18: Page 15 of 33 Price Sheet Reuse Effluent Analysis: Are color and odor needed for this section?

Answer 18: A copy of the latest operating permit is provided with this addendum.

Question 19: Page 15 of 33 Industrial Pre-Treatment section: The TTO only includes the 624, 625 and 608 is that correct?

Answer 19: 624, 625 & 608 are inclusive but not exclusive of other relevant applicable methods. Please refer to the Treatment Plant Operating Permit provided with this addendum.

Question 20: Page 16 Wastewater section: Primary and Secondary. Are tables 1-6 of 62-550 the only required tables and are asbestos and dioxin required?

Answer 20: Asbestos and Dioxin are not included and are not part of our current permit. A copy of the latest operating permit is provided with this addendum, and shall be referenced by prospective bidders.

Question 21: Page 16 Wastewater section: Primary and Secondary. Can the city please list the tables required minus any parameters that are not needed?

Answer 21: Please refer to the Treatment Plant Operating Permit provided with this addendum.

Question 22: Page 18 Water Section: Analytical Groups /Calculation Primary Inorganics: does this include asbestos?

Answer 22: Asbestos is not included.

Question 23: Page 18 Water Section: Analytical Groups /Calculation Regulated SOCs: does this include dioxin?

Answer 23: Dioxin is not included.

Question 24: Page 18 for Thallium: Can 200.8 be used?

Answer 22: For bidding purposes, please use the method specified.

In all other respects, except as specifically stated herein, the subject BID 2020-23 Laboratory Testing Services remains unchanged.

**THIS ADDEDNDUM MUST BE ACKNOWLEDGED AND
RETURNED WITH YOUR BID**

COMPANY NAME: _____

SIGNATURE: _____ **DATE:** _____

TO ALL BIDDERS: You are requested to make all changes and/or additions contained in this Addendum to the Bidding Documents. Failure to acknowledge this Addendum in Proposal may result in rejection of bid.

The foregoing changes are hereby incorporated into the Bidding Contract Documents for CITY OF ORMOND BEACH– BID 2020-23 LABORATORY TESTING SERVICES, for the City of Ormond Beach.

City of Ormond Beach, Florida

END OF ADDENDUM NO. 1

SCOPE OF WORK:

GENERAL

The City of Ormond Beach invites qualified laboratories to submit Bid for an annual contract for Laboratory Testing Services. The successful contractor will be required to provide not less than 90% of the analyses noted in the Bid. **Lab results provided in this contract must be from a laboratory certified by the State of Florida.**

1. Minimum Requirements for the Contract Laboratory

Interested laboratories are requested to specifically meet or exceed the following minimum specifications:

- a. The cost of all sample containers, paperwork, coolers, shipping kits, and preservatives will be included in the cost of the sample analysis.
- b. The Contract Laboratory will pay shipping charges to and from designated City pickup locations. A local contact shall be designated for pickup of samples if requested.
- c. The Contract Laboratory shall be required to provide pickup of samples 7 days per week with a minimum of 8 hours of advance notification from the City. There shall be no additional charge for meeting these requirements.
- d. The Contract Laboratory shall be available a minimum of 7 days per week.
- e. The report delivery times for routine parameter testing must not exceed 14 calendar days. Electronic reporting in PDF or any similar format is acceptable for meeting this turn-around requirement. Hard copies of reports are to be provided upon request for wastewater test results in addition to electronic reports. Water test results will require hard copies and electronic copies. Exceptions would be granted for those analytes that require more than 14 calendar days for the analyses to be completed.
- f. Report formats are to be in a standard lab format that meets NELAC requirements. In addition, special report formats include EPA, Florida Department of Environmental Protection, and Volusia County Health Department formats. The laboratory may be asked to also furnish copies of raw data records sheets, result calculations, etc. for any samples submitted. All report formats are to include a copy of the Chain-of-Custody (COC) form submitted with the samples. The laboratory and any of its subcontractors must participate in EPA's Annual DMR-QA studies and report required analytes corresponding to the Ormond Beach WRF.

- g. The City of Ormond Beach is to be notified prior to sending any parameter to any subcontract laboratory. It is the intent of the City that all analysis be performed by the contract laboratory to the maximum extent feasible. PERCENTAGE OF SUBCONTRACTED WORK MAY NOT EXCEED TEN PERCENT (10%) of the samples **(the 10% limit refers to the number of samples, not to the cost per sample)**.
- h. All analytical methods used for analysis will be state and EPA approved methodologies as specified in NELAC requirements. These methodologies can be, but are not limited to "Standard Methods", "Manual for the Certification of Laboratories Analyzing Drinking Water", "Test Methods for the Evaluation of Solid Waste (SE-846)", "EPA POTW Sludge Sampling and Analysis Guidance Document", and Radiochemical methodologies as stated in Federal Register 40 CFR 141. Methodologies used and the MDL must be accepted by the regulatory agency requiring the samples. Oil and Grease must be analyzed using the Hexane Extraction Method.
- i. A specific person shall be designated for contact with the City of Ormond Beach for consultation services either by phone or in person, if necessary.
- j. Laboratory personnel must be qualified in giving testimony, depositions or court appearances if requested by the City.
- k. The laboratory will have the capability to analyze samples with the following matrices: potable water, reclaimed water, wastewater, groundwater, surface water and liquid/cake biosolids.
- l. At a minimum, all analytical runs of the City of Ormond Beach samples will be required to include QC checks on 10% of the samples analyzed. The QC checks must meet the stricter of method, and/or NELAC quality assurance criteria. The QC generated will be submitted with the sample report. Contract laboratory QC will be monitored using these reports as well.
- m. The laboratory shall have no service contracts that were cancelled in the previous five years due to failure to provide accurate testing results.
- n. The City of Ormond Beach and its staff reserve the right to visit the Contract Laboratory for a tour of the facility, both prior to the award and during the duration of the contract. Prior to visiting the Laboratory facility, the City shall provide no less than 4 days, but no more than 7 days, advance notice to the facility.

In the event the Laboratory fails to comply with the reporting and analytical requirements set forth herein, the City of Ormond Beach shall issue to the Laboratory a written warning describing such failure. Should the Laboratory's noncompliance continue for four (4) consecutive weeks, with written warnings, the City of Ormond Beach will have the option to deduct from the invoice of reports not meeting the requirement an amount equal to

10% of the invoice total. If non-compliance with the 14 calendar day turn-around time continues for eight (8) consecutive weeks, with written warnings, the City of Ormond Beach will have the option to deduct from the invoice of reports an amount equal to 20% of the invoice total. Persistent and repeated failure of the laboratory to comply with this 14 calendar day turn-around time in any 3 month interval may be interpreted as default for the purposes of this section.

2. Bid Requirements/ Information to be Provided with Bidder's Submission

- a. Copies of current State, NELAP, and EPA certifications or other documentation that firmly establishes, to the satisfaction of the City, the certification status of the laboratory for all listed parameters must be submitted with your Bid.
- b. A price list must be submitted with your Bid showing individual parameter prices (for all listed parameters), method numbers, and method detection limits. Costs shall be firm for the duration of the contract.
- c. One (1) copy of the laboratory NELAC compliant "Quality Manual" shall be provided with your Bid.
- d. A statement indicating the percentage of work to be subcontracted. Additionally, the statement shall also confirm that the laboratory has sufficient staffing to assume the responsibility for the testing to be performed on behalf of the City of Ormond Beach.
- e. The results from the most recent previous two WP/WA/NELAC Proficiency Testing studies are to be included in your submittal.
- f. Copies of the last two FDOH laboratory assessments with corrective actions taken are to be included in your submittal.
- g. A description of the laboratory and its relevant prior experience, specifically as related to governmental agencies.
- h. A list of four references who shall confirm instances of comparable testing performed for governmental entities. If these cannot be provided, please explain.
- i. The name and resume, including employment history with the Company, of the **senior staff** individuals who will perform the testing. If the successful provider subcontracts work under this contract, the same information will be provided for the subcontract laboratory.
- j. Documentation which establishes the length of time in business in the State of Florida (at least four (4) years required).

- k. Laboratories with service contracts cancelled within the previous five years due to failure to provide accurate testing results are not eligible to bid.

Subcontract labs, if any, shall be required to submit information in items "a - c" and "e - g."

COST ADJUSTMENTS:

No later than June 1, of each contract year, the Contractor may petition the City through the Contract Manager for a rate adjustment to reflect the change in the cost of doing business, as measured by fluctuations in the Consumer Price Index (CPI), All Urban Customers, published by the U.S. Department of Labor, Bureau of Labor Statistics, for the preceding July 1-June 30 period. The maximum increase for any annual period shall be four (4%) percent which will only apply to the future year, increases will not be retroactive. The adjusted rate, if approved shall take effect on October 1, of the year in which approved.

City of Ormond Beach
LABORATORY TESTING SERVICES 2020
Bid No. 2020-23

The BIDDER will fill in the MDL listed on the bid sheets and complete the Work, as described herein, for the following price(s):

Reuse Effluent Analysis

PARAMETERS	Methods	Matrix	No. of Samples	Unit Cost	Subtotal
Primary & Secondary Drinking Water Standards, including: 504.1,508.1	Various	ww	3	\$	\$
515.3, 524.2,Hg,As,Ba,Cd,Cr,Cu, Fe, Mn,Ag,Na,Zn,An,Pb,Se,Cl,F,NO3, SO4,MBAS,pH,TDS,Radium 226/228,Gross Alpha	SEE PERMIT				
Effluent Analysis Subtotal				\$	

Industrial Pre Treatment

PARAMETERS	Methods	Matrix	MDL	No. of Samples	Unit Cost	Subtotal
As, Cd, Cr, Cu, Pb, Mo, Ni, Se, Ag, Zn, Oil & Grease (hexane method)	200.7	ww		5	\$	\$
Cyanide	335.3	ww		5	\$	\$
Mercury	1631E	ww		5	\$	\$
TSS	160.1	ww		5	\$	\$
BOD	405.1	ww		5	\$	\$
TTO (including:624,625,608)	Various	ww		5	\$	\$
Pre Treatment Subtotal					\$	

Wastewater

PARAMETERS	Methods	Matrix	MDL	No. of Samples	Unit Cost	Subtotal
Priority Pollutants for Effluent and Influent (including: 608, 624, 625, Cyanide, phenolics, Hg, Sb, As, Be, Cd, Cr, Cu, Pb, Ni, Se, Ag, Tl, Zn, Oil & Grease)	Various	WW		2	\$	\$
	SEE PERMIT					
503 Sludge	Various	WW		4	\$	\$
Cryptosporidium and Giardia	1623	WW		1	\$	\$
Acute Bioassay	EPA 821-R-02-012 (FW acute) (2000.0)	WW		2	\$	\$
Low Level Mercury	1631E	WW		2	\$	\$
Sampling Disposal Fee for Mercury		WW		2	\$	\$
Nickel	200.8	WW		12	\$	\$
Copper	200.8	WW		12	\$	\$
Dichlorobromomethane	524.2	WW		12	\$	\$
Zinc	200.8	WW		12	\$	\$
Sodium	200.7	WW		52	\$	\$
Magnesium	200.7	WW		52	\$	\$
Calcium	200.7	WW		52	\$	\$
Chloride	300.0	WW		52	\$	\$
TDS	2540C	WW		52	\$	\$
Fluoride	300.0	WW		52	\$	\$
CBOD	SM5210B	WW		540	\$	\$
TSS	2540D	WW		644	\$	\$
TKN	351.2	WW		540	\$	\$
NOX	353.2	WW		260	\$	\$
TP	365.4	WW		520	\$	\$
Enterococci	Enterolert/ Quant-tray	WW		260	\$	\$
Fecal Coliform	SM9222D	WW		365	\$	\$
Wastewater Subtotal					\$	

Biosolids

PARAMETERS	Methods	Matrix	No. of Samples	Unit Cost	Subtotal
503.13 Sludge Rule (including:	Various	sludge	4	\$	\$
Hg,As,Cd,Cr,Cu,Pb,Mo,Ni,K,Se,					
Zn,pH,Total Nitrogen and					
Phosphorus)					
Biosolids Subtotal				\$	

Groundwater Monitoring

PARAMETERS	Methods	Matrix	MDL	No. of Samples	Unit Cost	Subtotal
Sodium	6010	GW		28	\$	\$
TDS	160.1	GW		28	\$	\$
Fecal	SM9222D	GW		28	\$	\$
Turbidity	180.1	GW		28	\$	\$
pH	150.1	GW		28	\$	\$
Cl	300.0	GW		28	\$	\$
Nitrates	300.0	GW		28	\$	\$
SO4	300.0	GW		28	\$	\$
TTHM	524.2	GW		28	\$	\$
Bis (2-ethylhexyl) phthalate	525	GW		28	\$	\$
Groundwater Subtotal					\$	

Water

PARAMETERS	Methods	Matrix	MDL	No. of Samples	Unit Cost	Subtotal
Fluoride	300.0	w		12	\$	\$
HAA5	552.1	w		4	\$	\$
Lead and Copper	200.8	w		37	\$	\$
Nitrate/Nitrite	300.0	w		1	\$	\$
Nitrite	300.0	w		1	\$	\$
Ortho-phosphorous	300.0	w		12	\$	\$
pH	150.1	w		2	\$	\$
Total Coliforms	SM9223B or SM9222B	w		900	\$	\$
Total Cyanide	335.3/9012	w		1	\$	\$
Total Organic Carbon	SM5310B	w		50	\$	\$
Thallium	200.9	w		1	\$	\$
TTHM	524.2	w		6	\$	\$
Gross Alpha	900.0	w		1	\$	\$
Radium 226	903.1	w		1	\$	\$
Radium 228	903.1	w		1	\$	\$
Endothall	548.1	w		1	\$	\$
Glyphosate	547	w		1	\$	\$
Dioxin	1613	w		1	\$	\$
Analyte Groups / Calculations						
Primary Inorganics	various	w		1	\$	\$
Secondary Inorganics	various	w		1	\$	\$
Regulated SOCs	various	w		1	\$	\$
Regulated VOCs	various	w		1	\$	\$
Mercury	7471	w		1	\$	\$
Dissolved Oxygen	360.1	w		1	\$	\$
Water Subtotal					\$	

Consumptive Use Permit Samples

PARAMETERS	Methods	Matrix	MDL	No. of Samples	Unit Cost	Subtotal
Calcium	200.7	w		16	\$	\$
Magnesium	200.7	w		16	\$	\$
Sodium	200.7	w		16	\$	\$
Potassium	200.7	w		16	\$	\$
Iron	200.7	w		16	\$	\$
Chlorides	300.0	w		61	\$	\$
Sulfate	300.0	w		16	\$	\$
Total Dissolved Solids	160.1	w		16	\$	\$
Conductivity	120.1	w		16	\$	\$
Alkalinity Bicarbonate	SM2320	w		16	\$	\$
Alkalinity Carbonate	SM2320	w		16	\$	\$
CUP Water Subtotal					\$	

Occasionally it may be necessary to receive sample results before the normal turn around time. Insert the proposed rush charges in the following matrix as a percentage surcharge over the normal contract price.

<u>Turnaround Time</u>	<u>RUSH SURCHARGES</u>
6-7 Working Days	
5 Working Days	
4 Working Days	
3 Working Days	
1-2 Working Days	

The bid basis for the contract award is the sum of the individual parameters.

TOTAL BID FOR CONTRACT \$ _____

(Figures)

(Words)

**LABORATORY TESTING SERVICES
BID NUMBER 2015-34
ADDENDUM NO. 1 (CONTINUED)**

Concentrate Analysis

PARAMETERS	Methods	Matrix	MDL	No. of Samples	Unit Cost	Subtotal
Inorganic Compounds FAC 62-550 Table 1 (except Asbestos)	Various	WW		1	\$ 82.00	\$ 82.00
TTHM	524.2	WW	0.5 ug/L	1	\$ 0.00	\$ 0.00
VOCs FAC 62-550 Table 4	Various	WW		1	\$ 45.00	\$ 45.00
SOCs FAC 62-550 Table 5	Various	WW		1	\$ 628.00	\$ 628.00
Secondaries FAC 62-550 Table 6 (except color and odor)	Various	WW		1	\$ 79.00	\$ 79.00
Radium 226 + Radium 228	E903.1	WW	4 pC/L	1	\$ 110.00	\$ 110.00
Gross Alpha	E9310	WW		1	\$ 30.00	\$ 30.00
Concentrate Subtotal					\$ 974.00	

Industrial Pre Treatment

PARAMETERS	Methods	Matrix	MDL	No. of Samples	Unit Cost	Subtotal
As,Cd,Cu,Pb,Ni,Se,Ag,Zn	200.7	WW		8	\$ 28.00	\$ 224.00
Cyanide	335.3	WW	0.005 mg/L	8	\$ 18.00	\$ 144.00
Fluoride	300.0	WW	0.05 mg/L	8	\$ 8.00	\$ 64.00
Mercury	1631E	WW	0.025 ug/L	8	\$ 55.00	\$ 440.00
TSS	160.1	WW	10 mg/L	8	\$ 7.00	\$ 56.00
BOD	405.1	WW	2 mg/L	8	\$ 13.00	\$ 104.00
TTO (including:624,625,608)	Various	WW		8	\$ 205.00	\$ 1,640.00
Pre Treatment Subtotal					\$ 2,672.00	

LABORATORY TESTING SERVICES
BID NUMBER 2015-34
ADDENDUM NO. 1 (CONTINUED)
Wastewater

PARAMETERS	Methods	Matrix	MDL	No. of Samples	Unit Cost	Subtotal
Expanded Effluent Analysis for Influent and Effluent including items listed in EPA 608,624,625,Sb,As,Be,Cd,Cr,Cu,Pb,Hg,Ni,Se,Ag,Ti,Zn,Oils and Grease, Cyanide, phenolics, Hardness	Various	WW		2	\$ 310.00	\$ 620.00
503 Sludge	Various	WW		4	\$91.00	\$364.00
Cryptosporidium and Guardia	1623E	WW		1	\$550.00	\$550.00
Chronic Bioassay	1002.0, 1000.0	WW	NA	6	\$2,200.00	\$13,220.00
TTO (including:624,625,608)	Various	WW		6	\$205.00	\$ 1,230.00
Low Level Mercury	1631E	WW		4	\$55.00	\$ 220.00
Sampling Fee for Mercury		WW		4	\$80.00	\$ 320.00
Mercury	245.1	WW	0.1 ug/L	6	\$12.00	\$ 72.00
Nickel	200.8	WW	0.62 ug/L	36	\$4.50	\$162.00
Copper	200.8	WW	0.5 ug/L	36	\$4.50	\$162.00
Dichlorobromomethane	524.2	WW	0.25 ug/L	30	\$25.00	\$ 750.00
Dibromochloromethane	524.2	WW	0.1 ug/L	30	\$ 0.00	\$ 0.00
Zinc	200.8	WW	2.5 ug/L	30	\$4.50	\$135.00
Sodium	200.7	WW	500 ug/L	120	\$3.50	\$420.00
Magnesium	200.7	WW	250 ug/L	120	\$3.50	\$420.00
Calcium	200.7	WW	250 ug/L	120	\$3.50	\$420.00
Chloride	300.0	WW	2.5 mg/L	120	\$6.00	\$ 720.00
TDS	2540C	WW	5 mg/L	120	\$9.00	\$1,080.00
Sulfate	300.0	WW	2.5 mg/L	5	\$6.00	\$ 30.00
THM	524.2	WW	0.5 ug/L	5	\$25.00	\$ 125.00
Radium 226	903.1	WW	4 pC/L	5	\$ 55.00	\$ 275.00
Radium 228	904.1	WW	4 pC/L	5	\$ 55.00	\$ 275.00
Arsenic	200.7	WW	5 ug/L	5	\$3.50	\$17.50
Silver	200.7	WW	2.5 ug/L	5	\$3.50	\$17.50
Selenium	200.7	WW	7.5 ug/L	5	\$3.50	\$17.50
Lead	200.7	WW	5 ug/L	5	\$3.50	\$17.50
Cyanide	335.3	WW	0.005 mg/L	5	\$18.00	\$90.00
Fluoride	300.0	WW	0.047 mg/L	60	\$6.00	\$360.00
Cadmium	200.7	WW	0.5 ug/L	5	\$3.50	\$17.50
Beryllium	200.7	WW	0.5 ug/L	5	\$3.50	\$17.50
CBOD	SM5210B	WW	2 mg/L	540	\$13.00	\$ 7,020.00
BOD	SM5210B	WW	2 mg/L	6	\$13.00	\$ 78.00
TSS	2540D	WW	5 mg/L	900	\$ 7.00	\$ 6,300.00
TKN	351.2	WW	10 mg/L	600	\$12.00	\$ 7,200.00
NOX	353.2	WW	0.25 mg/L	340	\$6.00	\$ 2,040.00
Nitrates	300.0	WW	0.036 mg/L	10	\$6.00	\$ 60.00
TP	365.4	WW	0.05 mg/L	600	\$ 9.00	\$ 5,400.00
Fecal Coliform	SM9222D	WW	1 CFU/100 mL	520	\$ 9.00	\$ 4,680.00
Wastewater Subtotal					\$55,883.00	

C.B.
13,200.00

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54,883 C.B.

ADD. 1 - 5

LABORATORY TESTING SERVICES
BID NUMBER 2015-34 ADDENDUM
NO. 1 (CONTINUED)
Biosolids

PARAMETERS	Methods	Matrix	No. of Samples	Unit Cost	Subtotal
Priority Pollutants for Biosolids	Various	sludge	1	\$295.00	\$ 295.00
including:8081, 8082,8260,8270					
Cyanide,phenolics,					
Hg,Sb,As,Be,Cd,Cr,Cu,Pb,Ni,					
Se,Ag,Tl,Zn					
503.13 Sludge Rule (including:	Various	sludge	4	\$ 82.00	\$ 328.00
Hg,As,Cd,Cr,Cu,Pb,Mo,Ni,K,Se,					
Zn,pH,Total Nitrogen and					
Phosphorus)					
Biosolids Subtotal				\$ 623.00	

Groundwater Monitoring

PARAMETERS	Methods	Matrix	MDL	No. of Samples	Unit Cost	Subtotal
Sodium	6010	GW	500 ug/L	28	\$7.00	\$ 196.00
TDS	160.1	GW	5 mg/L	28	\$9.00	\$ 252.00
Fecal	SM9222D	GW	1 CFU/100 mL	28	\$9.00	\$ 252.00
Turbidity	180.1	GW	0.2 NTU	28	\$5.00	\$ 140.00
pH	150.1	GW	1 CFU/100 mL	28	\$4.00	\$ 112.00
Cl	300.0	GW	2.5 mg/L	28	\$6.00	\$ 168.00
Nitrates	300.0	GW	0.043 mg/L	28	\$6.00	\$ 168.00
SO4	300.0	GW	2.5 mg/L	28	\$6.00	\$ 168.00
TTHM	524.2	GW	0.5 ug/L	28	\$25.00	\$ 700.00
Radium 226/228	E903.1	GW	1 pCi/L	28	\$110.00	\$ 3,080.00
Groundwater Subtotal					\$ 5,236.00	

**LABORATORY TESTING SERVICES
BID NUMBER 2015-34
ADDENDUM NO. 1 (CONTINUED)**

Water

PARAMETERS	Methods	Matrix	MDL	No. of Samples	Unit Cost	Subtotal
Fluoride	300.0	W	0.05 mg/L	24	\$ 6.00	\$ 144.00
HAA5	552.1	W	0.608 ug/L	4	\$ 45.00	\$ 180.00
Lead and Copper	200.8	W	0.5 ug/L	200	\$ 12.00	\$ 2,400.00
Nitrate/Nitrite	300.0	W	0.025 mg/L	1	\$ 6.00	\$ 6.00
Nitrite	300.0	W	0.025 mg/L	1	\$ 6.00	\$ 6.00
Ortho-phosphorous	300.0	W	0.05 mg/L	12	\$ 6.00	\$ 72.00
pH	150.1	W	0.1 Std.Units	2	\$ 4.00	\$ 8.00
Total Coliforms	SM9223B or SM9222B	W	1 CFU/100 mL	900	\$ 8.00	\$ 7,200.00
Total Cyanide	335.3/9012	W	0.005 mg/L	1	\$ 18.00	\$ 18.00
Total Organic Carbon	SM5310B	W	0.5 mg/L	50	\$ 13.00	\$ 650.00
Thallium	200.9	W	0.5 ug/L	1	\$ 15.00	\$ 15.00
TTHM	524.2	W	0.5 ug/L	6	\$ 25.00	\$ 150.00
Gross Alpha	900.0	W	3 pCi/L	1	\$ 30.00	\$ 30.00
Radium 226	903.1	W	1 pCi/L	1	\$ 55.00	\$ 55.00
Radium 228	903.1	W	1 pCi/L	1	\$ 55.00	\$ 55.00
Endothall	548.1	W	4.11 ug/L	1	\$ 55.00	\$ 55.00
Glyphosate	547	W	5.42 ug/L	1	\$ 45.00	\$ 45.00
Dioxin	1613	W		1	\$ 195.00	\$ 195.00
Analyte Groups / Calculations						
Primary Inorganics	various	W		1	\$ 87.00	\$ 87.00
Secondary Inorganics	various	W		1	\$ 93.00	\$ 93.00
Regulated SOC's	various	W		1	\$ 628.00	\$ 628.00
Regulated VOC's	various	W		1	\$ 45.00	\$ 45.00
Mercury	7471B	W	0.1 ug/L	1	\$ 12.00	\$ 12.00
Dissolved Oxygen	360.1	W	1 mg/L	1	\$ 6.00	\$ 6.00
Water Subtotal					\$ 12,155.00	

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**LABORATORY TESTING SERVICES
 BID NUMBER 2015-34
 ADDENDUM NO. 1 (CONTINUED)
 Consumptive Use Permit Samples**

PARAMETERS	Methods	Matrix	MDL	No. of Samples	Unit Cost	Subtotal
Calcium	200.7	W	250 ug/L	16	\$ 3.50	\$ 56.00
Magnesium	200.7	W	250 ug/L	16	\$ 3.50	\$ 56.00
Sodium	200.7	W	500 ug/L	16	\$ 3.50	\$ 56.00
Potassium	200.7	W	500 ug/L	16	\$ 3.50	\$ 56.00
Iron	200.7	W	20 ug/L	16	\$ 3.50	\$ 56.00
Chlorides	300.0	W	2.5 mg/L	61	\$ 6.00	\$ 366.00
Sulfate	300.0	W	2.5 mg/L	16	\$ 6.00	\$ 96.00
Total Dissolved Solids	160.1	W	5 mg/L	16	\$ 9.00	\$ 144.00
Conductivity	120.1	W	1 ppt	16	\$ 5.00	\$ 80.00
Alkalinity Bicarbonate	SM2320	W	5 mg/L	16	\$ 8.00	\$ 128.00
Alkalinity Carbonate	SM2320	W	5 mg/L	16	\$ 8.00	\$ 128.00
CUP Water Subtotal					\$1,222.00	

Occasionally it may be necessary to receive sample results before the normal turnaround time. Insert the proposed rush charges in the following matrix as a percentage surcharge over the normal contract price.

<u>Turnaround Time</u>	<u>RUSH SURCHARGES</u>
6-7 Working Days	50%
5 Working Days	75%
4 Working Days	100%
3 Working Days	150%
1-2 Working Days	200 %

The bid basis for the contract award is the sum of the individual parameters.

TOTAL BID FOR CONTRACT

\$ 79,713.00

(Figures)

Seventy Nine Thousand Seven Hundred Thirteen Dollars and 00/100

(Words)

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FLORIDA DEPARTMENT OF Environmental Protection

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

Sent via email: shanahan@ormondbeach.org

NOTICE OF PERMIT

In the Matter of an
Application for Permit by:
City of Ormond Beach
22A Beach Street
Ormond Beach, FL

Volusia County - DW
Ormond Beach WRF
Wastewater Permit Application
DEP File No: FL0020532-023-DW1P

ATTENTION Joyce A. Shanahan,
City Manager

Enclosed is Permit Number FL0020532 to operate a domestic wastewater facility issued under Sections 403.087 and 403.0885 of the Florida Statutes.

Judicial Review

Upon issuance of this final permit, any party to this order has the right to seek judicial review of it under Section 120.68, F.S. by the filing of a notice of appeal under Florida Rules of Appellate Procedure 9.110 and 9.190 with the Clerk of the Department of Environmental Protection in the Office of General Counsel (Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000) and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice must be filed within 30 days after this order is filed with the Clerk of the Department.

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

A handwritten signature in black ink, appearing to read "Reggie Phillips", is written over a faint, circular official stamp.

Reggie Phillips
Environmental Administrator
Permitting and Waste Cleanup Program

RP/dj

Enclosures: Draft Permit No. FL0020532, DMRs, and Fact Sheet
Pathogen Monitoring Report,

Location and Reuse Service Area Maps

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this document and all attachments were sent on the filing date below to the following listed persons:

Kevin Lee, P.E., Mead & Hunt, Kevin.Lee@meadhunt.com
DEP: David Smicherko, Dennise Judy

FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to Section 120.52, F. S., with the designated Department Clerk, receipt of which is hereby acknowledged.



ClerkMay 8, 2020

Date



FLORIDA DEPARTMENT OF Environmental Protection

Central District Office
3319 Maguire Blvd, Suite 232
Orlando, Florida 32803-3767

STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:

City of Ormond Beach

RESPONSIBLE OFFICIAL:

Ms. Joyce Shanahan, City Manager
22 S Beach St
Ormond Beach, Florida 32174- 6386
(386) 676-3200
shanahan@ormondbeach.org

PERMIT NUMBER:

FL0020532 (Major)

FILE NUMBER:

FL0020532-023-DW1P

ISSUANCE DATE:

May 8, 2020

EFFECTIVE DATE:

May 8, 2020

EXPIRATION DATE:

May 7, 2025

FACILITY:

Ormond Beach WRF
550 N Orchard St
Ormond Beach, FL 32174-9512
Volusia County
Latitude: 29°17' 20.27" N Longitude: 81°4' 24.32" W

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and applicable rules of the Florida Administrative Code (F.A.C.) and constitutes authorization to discharge to waters of the state under the National Pollutant Discharge Elimination System. This permit does not constitute authorization to discharge wastewater other than as expressly stated in this permit. The above-named permittee is hereby authorized to operate the facilities in accordance with the documents attached hereto and specifically described as follows:

WASTEWATER TREATMENT:

Treatment is provided by an existing 8.0 MGD annual average daily flow (AADF) permitted capacity advanced wastewater treatment (AWT) plant with an odor control system, influent screening, grit removal, biological nutrient removal (carousel type, 5-stage Bardenpho Process), re-aeration, chemical feed facilities, secondary clarification, tertiary filtration, high level disinfection, with post-aeration and dechlorination for the river discharge, and thickening, followed by dewatering, of biosolids. This permit authorizes modification of the piping, valving, and associated appurtenances to retrofit an existing Reclaimed Water (RW) Equalization (EQ) basin for use as a supplemental chlorine contact chamber.

REUSE OR DISPOSAL:

Surface Water Discharge D-001 is an existing 6.0 MGD annual average daily flow discharge to the Halifax River, Class III Marine waters, (WBID# 2363B). The outfall pipe is approximately 1000 feet in length and discharges at a depth of approximately 5 feet. The point of discharge is located approximately at latitude 29°17' 50" N, longitude 81°3' 26" W.

Land Application R-001 is an existing 10.0 MGD annual average daily flow permitted capacity slow-rate public access reuse (PAR) system. R-001 consists of irrigation within the approved Reuse Service Area as shown on the attached map, to the major users identified in Part IV.A.2 of this permit. This reuse system may receive reclaimed water (RW) from the Holly Hill PAR system. Excess reclaimed water and substandard effluent are discharged to D-001.

The following ground water sources may be used to augment the supply of reclaimed water: The Hunter's Ridge and Breakaway Trails RW storage systems receive water from supplemental groundwater wells prior to distribution within the service area.

Demineralization concentrate is blended with RW for irrigation via the public access reuse (PAR) system.

IN ACCORDANCE WITH: The limitations, monitoring requirements, and other conditions set forth in this cover sheet and Part I through Part IX on pages 1 through 27 of this permit.

PERMITTEE: City of Ormond Beach
FACILITY: Ormond Beach WRF

PERMIT NUMBER: FL0020532 (Major)
EXPIRATION DATE: May 8, 2025

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Surface Water Discharges

- During the period beginning on the effective date and lasting through the expiration date of this permit, the permittee is authorized to discharge effluent from Outfall D-001 to Halifax River. Such discharge shall be limited and monitored by the permittee as specified below and reported in accordance with Permit Condition I.C.8.

Parameter	Units	Max./Min	Effluent Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Flow	MGD	Max Max	6.0 Report	Annual Average Monthly Average	Continuous	Calculated	FLW-1	See I.A.4
Flow	MGD	Max Max	Report Report	Annual Average Monthly Average	Continuous	Recording Flow Meter with Totalizer	FLW-10	See I.A.4
Flow	MGD	Max Max	Report Report	Annual Average Monthly Average	Continuous	Recording Flow Meter with Totalizer	FLW-6	See I.A.4
BOD, Carbonaceous 5 day, 20C	mg/L	Max Max Max Max	5.0 6.25 7.5 10.0	Annual Average Monthly Average Weekly Average Single Sample	5 Days/Week	24-hr FPC	EFD-1	See I.A.6
Solids, Total Suspended	mg/L	Max Max Max Max	5.0 6.25 7.5 10.0	Annual Average Monthly Average Weekly Average Single Sample	5 Days/Week	24-hr FPC	EFD-1	See I.A.6
Coliform, Fecal	#/100m L	Max Max Max Max	200 200 400 800	Monthly Geometric Mean Annual Average 90th Percentile Single Sample	5 Days/Week	Grab	EFA-1	See I.A.7 and I.A.8
Coliform, Fecal	#/100m L	Max Max Max Max	200 200 400 800	Monthly Geometric Mean Annual Average 90th Percentile Single Sample	5 Days/Week	Grab	EFA-2	See I.A.7 and I.A.8
Enterococci	#/100m L	Max Max	35 130	Monthly Geometric Mean 90th Percentile	5 Days/Week	Grab	EFD-1	See I.A.7 and I.A.8
pH	s.u.	Min Max	6.5 8.5	Single Sample Single Sample	Continuous	Meter	EFD-1	See I.A.3
Chlorine, Total Residual (For Disinfection)	mg/L	Min	0.5	Single Sample	Continuous	Meter	EFA-1	See I.A.3 and I.A.9
Chlorine, Total Residual (For Disinfection)	mg/L	Min	0.5	Single Sample	Continuous	Meter	EFA-2	See I.A.3 and I.A.9
Chlorine, Total Residual (For Dechlorination)	mg/L	Max	0.01	Single Sample	Daily; 24 hours	Grab	EFD-1	

PERMITTEE: City of Ormond Beach
FACILITY: Ormond Beach WRF

PERMIT NUMBER: FL0020532 (Major)
EXPIRATION DATE: May 8, 2025

Parameter	Units	Max./Min	Effluent Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Nitrogen, Total	mg/L	Max Max Max	3.0 4.5 6.0	Monthly Average Weekly Average Single Sample	5 Days/Week	24-hr FPC	EFD-1	See I.A. Error! Reference source not found.
Phosphorus, Total (as P)	mg/L	Max Max Max	1.0 1.5 2.0	Monthly Average Weekly Average Single Sample	5 Days/Week	24-hr FPC	EFD-1	
Oxygen, Dissolved (DO)	mg/L	Min	4.0	Single Sample	Daily; 24 hours	Grab	EFD-1	
Nitrogen, Total	lb/yr	Max Max	54831 Report	Annual Total Monthly Total	Monthly	Calculated	EFD-1	See I.A. Error! Reference source not found.
Phosphorus, Total (as P)	lb/yr	Max Max	18278 Report	Annual Total Monthly Total	Monthly	Calculated	EFD-1	
Acute Whole Effluent Toxicity, 96 Hour LC50 (Ceriodaphnia dubia)	percent	Min	100	Single Sample	Semi-Annually; twice per year	4 grabs/24 hr.period	EFD-1	See I.A.10
Acute Whole Effluent Toxicity, 96 Hour LC50 (Cyprinella leedsii)	percent	Min	100	Single Sample	Semi-Annually; twice per year	4 grabs/24 hr.period	EFD-1	See I.A.10
Dichlorobromomethane	ug/L	Max	100	Annual Average	Monthly	Grab	EFD-1	See I.A.11
Enterococci	#/100m L	Max Max	35 104	Monthly Geometric Mean Single Sample	5 Days/Week	Grab	EFD-1	See I.A.7 and I.A.8

2. Effluent samples shall be taken at the monitoring site locations listed in Permit Condition I.A.1. and as described below:

Monitoring Site Number	Description of Monitoring Site
FLW-10	Flow to D-001
FLW-6	Flow to D-001 during by-pass of RW EQ basin
EFD-1	Sample point after dechlorination
EFA-1	Sampling point after chlorination
EFA-2	Sample Point at end of the converted RW EQ basin when being used as a CCC

3. Hourly measurement of pH and total residual chlorine for disinfection during the period of required operator attendance may be substituted for continuous measurement. [62-600.660(1)]
4. A recording flow meter with totalizer shall be utilized to measure flow and calibrated at least once every 12 months. **The sum of the two flows shall not exceed 6.0 MGD on an annual average basis.** [62-600.200(25)]
5. The discharge shall not contain components that, alone or in combination with other substances or in combination with other components of the discharge:

PERMITTEE: City of Ormond Beach
FACILITY: Ormond Beach WRF

PERMIT NUMBER: FL0020532 (Major)
EXPIRATION DATE: May 8, 2025

- a. Settle to form putrescent deposits or otherwise create a nuisance; or
- b. Float as debris, scum, oil, or other matter in such amounts as to form nuisances; or
- c. Produce color, odor, taste, turbidity, or other conditions in such degree as to create a nuisance; or
- d. Are acutely toxic; or
- e. Are present in concentrations which are carcinogenic, mutagenic, or teratogenic to human beings or to significant, locally occurring, wildlife or aquatic species, unless specific standards are established for such components in subsection 62-302.500(2) or Rule 62-302.530, F.A.C.; or
- f. Pose a serious danger to the public health, safety, or welfare.

[62-302.500(1)(a)]

6. In accordance with subsections 62-600.420(1) and (2), F.A.C., the monthly average effluent CBOD5 and TSS concentrations shall not exceed 15% of their respective influent values (i.e., 85% removal). [62-600.420(1) and (2)]
7. The effluent limitations for the monthly geometric means for fecal coliform and enterococci are only applicable if 10 or more values are reported. If fewer than 10 values are reported, the monthly geometric means shall be calculated and reported on the Discharge Monitoring Report, but shall not be used to determine compliance with the limitations for the monthly geometric means. The monthly geometric mean for fecal coliform shall be used to calculate the annual average. All other fecal coliform and enterococci effluent limitations included in permit condition I.A.1 apply regardless of the number of values reported. [62-600.440(5)(b)] [62-302.530]
8. To report the "90th percentile,"
 - a. Place the bacteria results in ascending order (from lowest to highest value) and assign each sample a number, 1 for the lowest value.
 - b. Multiply the total number of samples by 0.9 to determine the 90th percentile level.
 - c. Report the value of the sample that corresponds to the 90th percentile level (e.g., 10 samples $\times$ 0.9 = 9, report the value of the 9th sample). If the 90th percentile level is not a whole number, rounding or interpolation should be used to determine the 90th percentile. When rounding, round down to the nearest whole number if the decimal is 0.4 or lower, and round up to the nearest whole number if the decimal is 0.5 or higher (e.g., 12 samples $\times$ 0.9 = 10.8, report the value of the 11th sample if rounding).

[62-600.440(5)(a)3] [62-302.530]

9. Total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. [62-600.440(5)(c), (6)(b), and (7)(c)]
10. The permittee shall comply with the following requirements to evaluate acute whole effluent toxicity of the discharge from outfall D-001.
 - a. Effluent Limitation
 - (1) In any routine or additional follow-up test for acute whole effluent toxicity, the 96-hour LC50 shall not be less than 100% effluent. [Rules 62-302.200(1), 62-302.500(1)(a)4., 62-4.244(3)(a), and 62-4.241, F.A.C.]
 - b. Monitoring Frequency
 - (1) Routine toxicity tests shall be conducted once every six months, the first starting within 60 days of the effective date of this permit and lasting for the duration of this permit.
 - c. Sampling Requirements
 - (1) Routine tests shall be conducted on four separate grab samples collected at evenly-spaced (6-hr) intervals over a 24-hour period. The four grab samples shall be used in eight bioassays (four bioassays for each species) and shall represent one test. If the duration of the discharge is less than 24-hours, a shortened sampling protocol will be used and the duration of discharge shall be documented on the chain of custody.
 - (2) For additional follow-up tests, the first test shall be conducted on four separate grab samples collected at evenly-spaced (6-hr) intervals over a 24-hour period. The four grab samples shall be used in four

PERMITTEE: City of Ormond Beach
FACILITY: Ormond Beach WRF

PERMIT NUMBER: FL0020532 (Major)
EXPIRATION DATE: May 8, 2025

separate bioassays for each species that failed the routine test. The four grab samples represent one test. The second follow-up test shall be run on a single grab sample collected on the day and time when the greatest toxicity was identified in the routine or first additional follow-up test.

d. Test Requirements

- (1) Routine Tests: All routine tests shall be conducted using a control (0% effluent) and a minimum of five dilutions: **100%, 75%, 50%, 25%, and 12.5%** effluent.
- (2) The permittee shall conduct 96-hour acute static renewal multi-concentration toxicity tests using the daphnid, **Ceriodaphnia dubia**, and the bannerfin shiner, **Cyprinella leedsii**, concurrently.
- (3) All test species, procedures and quality assurance criteria used shall be in accordance with **Methods for Measuring Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms**, 5th Edition, EPA-821-R-02-012. Any deviation of the bioassay procedures outlined herein shall be submitted in writing to the Department for review and approval prior to use. In the event the above method is revised, the permittee shall conduct acute toxicity testing in accordance with the revised method.
- (4) The control water and dilution water shall be moderately hard water as described in EPA-821-R-02-012, Table 7.

e. Quality Assurance Requirements

- (1) A standard reference toxicant (SRT) quality assurance (QA) acute toxicity test shall be conducted with each species used in the required toxicity tests either concurrently or initiated no more than 30 days before the date of each routine or additional follow-up test conducted. Additionally, the SRT test must be conducted concurrently if the test organisms are obtained from outside the test laboratory unless the test organism supplier provides control chart data from at least the last five monthly acute toxicity tests using the same reference toxicant and test conditions. If the organism supplier provides the required SRT data, the organism supplier's SRT data and the test laboratory's monthly SRT-QA data shall be included in the reports for each companion routine or additional follow-up test required.
- (2) If the mortality in the control (0% effluent) exceeds 10% for either species in any test, the test for that species (including the control) shall be invalidated and the test repeated. The repeat test shall begin within 14 days after the last day of the invalid test.
- (3) If 100% mortality occurs in all effluent concentrations for either species prior to the end of any test and the control mortality is less than 10% at that time, the test (including the control) for that species shall be terminated with the conclusion that the test fails and constitutes non-compliance.
- (4) Routine and additional follow-up tests shall be evaluated for acceptability based on the concentration-response relationship, as required by EPA-821-R-02-012, Section 12.2.6.2., and included with the bioassay laboratory reports.

f. Reporting Requirements

- (1) Results from all required tests shall be reported on the Discharge Monitoring Report (DMR) as follows:
 - (a) Routine Test Results: If an LC50 >100% effluent occurs in all four separate grab sample tests for the test species, ">100%" shall be entered on the DMR for that test species. If in any of the four separate grab sample tests for the test species an LC50 <100% effluent occurs, the lowest calculated LC50 effluent concentration shall be entered on the DMR for that test species.
 - (b) Additional Follow-up Test Results: For each additional test required, the calculated LC50 value shall be entered on the DMR for that test species.
- (2) A bioassay laboratory report for the routine test shall be prepared according to EPA-821-R-02-012, Section 12, Report Preparation and Test Review, and mailed to the Department at the address below within 30 days after the last day of the test.
- (3) For additional follow-up tests, a single bioassay laboratory report shall be prepared according to EPA-821-R-02-012, Section 12, and mailed within 30 days after the last day of the second valid additional follow-up test.
- (4) Data for invalid tests shall be included in the bioassay laboratory report for the repeat test.
- (5) The same bioassay data shall not be reported as the results of more than one test.
- (6) All bioassay laboratory reports shall be sent to:
Florida Department of Environmental Protection

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Central District Office
 3319 Maguire Blvd, Suite 232
 Orlando, Florida 32803-3767

g. Test Failures

- (1) A test fails when the test results do not meet the limits in 10.a.(1).
- (2) Additional Follow-up Tests:
 - (a) If a routine test does not meet the acute toxicity limitation in 10.a.(1) above, the permittee shall notify the Department at the address above within 21 days after the last day of the failed routine test and conduct two additional follow-up tests on each species that failed the test in accordance with 10.d.
 - (b) The first test shall be initiated within 28 days after the last day of the failed routine test. The remaining additional follow-up tests shall be conducted weekly thereafter until a total of two valid additional follow-up tests are completed.
 - (c) The first additional follow-up test shall be conducted using a control (0% effluent) and a minimum of five dilutions: 100%, 75%, 50%, 25%, and 12.5% effluent. The permittee may modify the dilution series in the second additional follow-up test to more accurately bracket the toxicity such that at least two dilutions above and two dilutions below the target concentration and a control (0% effluent) are run. All test results shall be statistically analyzed according to the procedures in EPA-821-R-02-012.
- (3) In the event of three valid test failures (whether routine or additional follow-up tests) within a 12-month period, the permittee shall notify the Department within 21 days after the last day of the third test failure.
 - (a) The permittee shall submit a plan for correction of the effluent toxicity within 60 days after the last day of the third test failure.
 - (b) The Department shall review and approve the plan before initiation.
 - (c) The plan shall be initiated within 30 days following the Department's written approval of the plan.
 - (d) Progress reports shall be submitted quarterly to the Department at the address above.
 - (e) During the implementation of the plan, the permittee shall conduct quarterly routine whole effluent toxicity tests in accordance with 10.d. Additional follow-up tests are not required while the plan is in progress. Following completion or termination of the plan, the frequency of monitoring for routine and additional follow-up tests shall return to the schedule established in 10.b.(1). If a routine test is invalid according to the acceptance criteria in EPA-821-R-02-012, a repeat test shall be initiated within 14 days after the last day of the invalid routine test.
 - (f) Upon completion of four consecutive quarterly valid routine tests that demonstrate compliance with the effluent limitation in 10.a.(1) above, the permittee may submit a written request to the Department to terminate the plan. The plan shall be terminated upon written verification by the Department that the facility has passed at least four consecutive quarterly valid routine whole effluent toxicity tests. If a test within the sequence of the four is deemed invalid, but is replaced by a repeat valid test initiated within 14 days after the last day of the invalid test, the invalid test will not be counted against the requirement for four consecutive quarterly valid routine tests for the purpose of terminating the plan.
- (4) The additional follow-up testing and the plan do not preclude the Department taking enforcement action for whole effluent toxicity failures.

[62-4.241, 62-620.620(3)]

11. A mixing zone for dichlorobromomethane (DCBM) has been approved in accordance with DEP permit file number FL0020532-012-DWIP and is described as a rectangle centered along the point of discharge with a mixing zone of 539 square meters. [62-302.530(35)(b)5]
12. The current effluent nutrient loading limits were established in the finalized Halifax River TMDL Report on July 1, 2013. Mass load shall be calculated Monthly for each calendar month of the reporting period by formula:
 Monthly ADF MGD x Month Average TP or TN mg/L x 8.34 = lb/day TP or TN

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lb/day TP or TN x days/month = Pounds TP or TN. This must be reported on the DMR for Outfall D-001

A cumulative total for all previously reported months, in the current calendar year, shall be submitted with each monthly reporting period. The numeric load limit, in lb/year, is for January through December, not a rolling 12-month total. [62-304 and 2013 Halifax River TMDL Report]

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B. Reuse and Land Application Systems

- During the period beginning on the effective date and lasting through the expiration date of this permit, the permittee is authorized to supplement reclaimed water with ground water and direct reclaimed water to Reuse System R-001. Such reclaimed water shall be limited and monitored by the permittee as specified below and reported in accordance with Permit Condition I.C.8.:

Parameter	Units	Max./ Min	Reclaimed Water Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Flow	MGD	Max Max	10.0 Report	Annual Average Monthly Average	Continuous	Recording Flow Meter with Totalizer	FLW-2	See I.B.4
BOD, Carbonaceous 5 day, 20C	mg/L	Max Max Max Max	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	5 Days/Week	24-hr FPC	EFA-1	
Solids, Total Suspended	mg/L	Max	5.0	Single Sample	Daily; 24 hours	Grab	EFB-1	
Coliform, Fecal	#/100m L	Max	25	Single Sample	Daily; 24 hours	Grab	EFA-1	
Coliform, Fecal, % less than detection	percent	Min	75	Monthly Total	Daily; 24 hours	Calculated	EFA-1	See I.B.5
pH	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	Continuous	Meter	EFA-1	See I.B.3
Chlorine, Total Residual (For Disinfection)	mg/L	Min	1.0	Single Sample	Continuous	Meter	EFA-1	See I.B.6 and I.B.9
Turbidity	NTU	Max	Report	Single Sample	Continuous	Meter	EFB-1	See I.B.7 and I.B.9
Giardia	cysts/10 0L	Max	Report	Single Sample	Bi-annually; every 2 years	Grab	EFA-1	See I.B.10
Cryptosporidium	oocysts/ 100L	Max	Report	Single Sample	Bi-annually; every 2 years	Grab	EFA-1	See I.B.10
Flow (Ground Water from Hunters Ridge Well)	MGD	Max Max	Report Report	Annual Average Monthly Average	Continuous	Recording Flow Meter with Totalizer	FLW-7	
Flow (Ground Water from Breakaway Trails Well)	MGD	Max Max	Report Report	Annual Average Monthly Average	Continuous	Recording Flow Meter with Totalizer	FLW-7	
Coliform, Fecal (Ground Water from Hunters Ridge Well)	#/100m L	Max	Report	Single Sample	Quarterly	Grab	OTH-2	
Coliform, Fecal (Ground Water from Breakaway Trails Well)	#/100m L	Max	Report	Single Sample	Quarterly	Grab	OTH-3	
Flow (Concentrate)	MGD	Max Max	1.0 Report	Annual Average Monthly Average	Continuous	Meter	FLW-3	

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Parameter	Units	Max./Min	Reclaimed Water Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Nitrogen, Total	mg/L	Max Max	Report Report	Annual Average Monthly Average	Weekly	24-hr FPC	EFA-1	
Solids, Total Suspended (Blend)	mg/L	Max	Report	Single Sample	Weekly	Grab	OTH-1	
Phosphorus, Total (as P)	mg/L	Max Max	Report Report	Annual Average Monthly Average	Weekly	24-hr FPC	EFA-1	
pH (Blend)	s.u.	Max Min	Report Report	Single Sample Single Sample	Weekly	Grab	OTH-1	See I.B.3
Specific Conductance (Blend)	umhos/cm	Max	Report	Single Sample	Continuous	Meter	OTH-1	See I.B.11
Fluoride, Total (as F) (Blend)	mg/L	Max	Report	Single Sample	Weekly	Grab	OTH-1	
Blend Ratio (1:2.5)	ratio	Max	0.40	Single Sample	Continuous	Calculated	CAL-2	
Sodium Adsorption Ratio (Blend)	ratio	Max	Report	Single Sample	Weekly	Calculated	OTH-1	
Sodium, Total Recoverable (Blend)	mg/L	Max	Report	Single Sample	Weekly	Grab	OTH-1	
Magnesium, Total Recoverable (Blend)	mg/L	Max	Report	Single Sample	Weekly	Grab	OTH-1	
Calcium, Total Recoverable (Blend)	mg/L	Max	Report	Single Sample	Weekly	Grab	OTH-1	
Chloride (as Cl) (Blend)	mg/L	Max	Report	Single Sample	Weekly	Grab	OTH-1	
Solids, Total Dissolved (TDS) (Blend)	mg/L	Max	Report	Single Sample	Weekly	Grab	OTH-1	

2. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I.B.1. and as described below:

Monitoring Site Number	Description of Monitoring Site
FLW-2	Flow meter to the public access reuse system
EFA-1	Sampling point after chlorination
EFB-1	After filtration and prior to disinfection
FLW-7	Supplemental GW flow from Hunters Ridge Well
OTH-2	Groundwater from Hunters Ridge well
OTH-3	Groundwater from Breakaway Trails well
FLW-3	Total concentrate (FLW-4 + FLW-5)
OTH-1	Sample point at mainland pump station (blend of RW and concentrate)
CAL-2	Concentrate flow divided by the flow to the public access reuse system

3. Hourly measurement of pH during the period of required operator attendance may be substituted for continuous measurement. [62-600.660(1)]
4. A recording flow meter with totalizer shall be utilized to measure flow and calibrated at least once every 12 months. [62-600.200(25)]
5. To report the "% less than detection," count the number of fecal coliform observations that were less than detection, divide by the total number of fecal coliform observations in the month, and multiply by 100% (round to the nearest integer). [62-600.440(6)(a)]

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6. The minimum total chlorine residual shall be limited as described in the currently approved operating protocol such that the permit limitation for fecal coliform bacteria will be achieved. In no case shall the total chlorine residual be less than 1.0 mg/L. [62-600.440(6)(b)][62-610.460(2)][62-610.463(2)]
7. The maximum turbidity shall be limited as described in the currently approved operating protocol, such that the permit limitations for total suspended solids and fecal coliforms will be achieved. [62-610.463(2)]
8. The treatment facilities shall be operated in accordance with the currently approved operating protocol(s). Only reclaimed water that meets the criteria established in the approved operating protocol(s) may be released to system storage or to the reuse system. Reclaimed water that fails to meet the criteria in the approved operating protocol(s) shall be directed to the following permitted alternate discharge system: D-001. [62-610.320(6) and 62-610.463(2)]
9. Instruments for continuous on-line monitoring of total residual chlorine and turbidity shall be equipped with an automated data logging or recording device. [62-610.463(2)]
10. Intervals between sampling for Giardia and Cryptosporidium shall not exceed [62-610.472(3)(d)]
11. The maximum specific conductance shall be limited as described in the approved operating protocol. [62-610.865(9)(a)]

C. Other Limitations and Monitoring and Reporting Requirements

1. During the period beginning on the effective date and lasting through the expiration date of this permit, the treatment facility shall be limited and monitored by the permittee as specified below and reported in accordance with condition I.C.8.:

Parameter	Units	Max./ Min	Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Flow (total through plant)	MGD	Max Max Max	8.0 Report Report	Annual Ave Monthly Ave Quarterly Ave	Continuous	Recording Flow Meter w/Totalizer	INF-1	See I.C.4
Percent Capacity, (TMADF/Permitted Capacity) x 100	percent	Max	Report	Monthly Average	Monthly	Calculated	INF-1	
BOD, Carbonaceous 5 day, 20C (Influent)	mg/L	Max	Report	Single Sample	5 Days/Week	24-hr FPC	INF-2	See I.C.3
Solids, Total Suspended (Influent)	mg/L	Max	Report	Single Sample	5 Days/Week	24-hr FPC	INF-2	See I.C.3

2. Samples shall be taken at the monitoring site locations listed in Permit Condition I.C.1. and as described below:

Monitoring Site Number	Description of Monitoring Site
INF-1	Influent flow meter (Parshall Flume)
INF-2	Raw influent to the headworks

3. Influent samples shall be collected so that they do not contain digester supernatant or return activated sludge, or any other plant process recycled waters. [62-600.660(4)(a)]
4. A recording flow meter with totalizer shall be utilized to measure flow and calibrated at least once every 12 months. [62-600.200(25)]

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5. Sampling results for giardia and cryptosporidium shall be reported on DEP Form 62-610.300(4)(a)4, Pathogen Monitoring, which is attached to this permit. This form shall be submitted to the Department's Central District Office and to DEP's Reuse Coordinator in Tallahassee. [62-610.300(4)(a)]
6. The sample collection, analytical test methods, and method detection limits (MDLs) applicable to this permit shall be conducted using a sufficiently sensitive method to ensure compliance with applicable water quality standards and effluent limitations and shall be in accordance with Rule 62-4.246, Chapters 62-160 and 62-600, F.A.C., and 40 CFR 136, as appropriate. The list of Department established analytical methods, and corresponding MDLs (method detection limits) and PQLs (practical quantitation limits), which is titled "FAC 62-4 MDL/PQL Table" is available at <https://floridadep.gov/dear/quality-assurance/content/quality-assurance-resources>. The MDLs and PQLs as described in this list shall constitute the minimum acceptable MDL/PQL values and the Department shall not accept results for which the laboratory's MDLs or PQLs are greater than those described above unless alternate MDLs and/or PQLs have been specifically approved by the Department for this permit. Any method included in the list may be used for reporting if it meets the following requirements:
 - a. The laboratory's reported MDL and PQL values for the specific method must be equal or less than the corresponding method values specified in the Department's approved MDL and PQL list;
 - b. The laboratory reported MDL for the specific parameter is less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Parameters that are listed as "report only" in the permit shall use methods that provide an MDL, which is equal to or less than the applicable water quality criteria stated in 62-302, F.A.C.; and
 - c. If the MDLs for all methods available in the approved list are above the stated permit limit or applicable water quality criteria for that parameter, then the method with the lowest stated MDL shall be used.

When the analytical results are below method detection or practical quantitation limits, the permittee shall report the actual laboratory MDL and/or PQL values for the analyses that were performed following the instructions on the applicable discharge monitoring report.

Where necessary, the permittee may request approval of alternate methods or for alternative MDLs or PQLs for any approved analytical method. Approval of alternate laboratory MDLs or PQLs are not necessary if the laboratory reported MDLs and PQLs are less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Approval of an analytical method not included in the above-referenced list is not necessary if the analytical method is approved in accordance with 40 CFR 136 or deemed acceptable by the Department. [62-4.246, 62-160]

7. The permittee shall provide safe access points for obtaining representative samples which are required by this permit. [62-600.650(2)]
8. Monitoring requirements under this permit are effective on the first day of the second month following the effective date of the permit. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any. During the period of operation authorized by this permit, the permittee shall complete and submit to the Department Discharge Monitoring Reports (DMRs) in accordance with the frequencies specified by the REPORT type (i.e. monthly, quarterly, semiannual, annual, etc.) indicated on the DMR forms attached to this permit. Unless specified otherwise in this permit, monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below. DMRs shall be submitted for each required monitoring period including periods of no discharge.

REPORT Type on DMR	Monitoring Period	Submit by
Monthly	first day of month - last day of month	28 th day of following month
Once Every Two Months	January 1 - February 28/29 March 1 - April 30 May 1 - June 30 July 1 - August 31 September 1 - October 31 November 1 - December 31	March 28 May 28 July 28 September 28 November 28 January 28
Quarterly	January 1 - March 31	April 28

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REPORT Type on DMR	Monitoring Period	Submit by
	April 1 - June 30 July 1 - September 30 October 1 - December 31	July 28 October 28 January 28
Semiannual	January 1 - June 30 July 1 - December 31	July 28 January 28
Annual	January 1 - December 31	January 28

The permittee shall use the electronic DMR system approved by the Department (EzDMR) and shall electronically submit the completed DMR forms using the DEP Business Portal at <http://www.fldeportal.com/go/>, unless the permittee has a waiver from the Department in accordance with 40 CFR 127.15. Reports shall be submitted to the Department by the twenty-eighth (28th) of the month following the month of operation.

[62-620.610(18)][62-600.680(1)]

9. During the period of operation authorized by this permit, reclaimed water or effluent shall be monitored annually for the primary and secondary drinking water standards contained in Chapter 62-550, F.A.C., (except for asbestos, total coliform, color, odor, and residual disinfectants). These monitoring results shall be reported to the Department annually on the RWS-A DMR. During years when a permit is not renewed, a certification stating that no new non-domestic wastewater dischargers have been added to the collection system since the last reclaimed water or effluent analysis was conducted may be submitted with the signed DMR in lieu of performing the analysis. When such a certification is submitted with the DMR, monitoring not required this period should be noted on the DMR. The annual reclaimed water or effluent analysis report, and certification if applicable, shall be completed and submitted in a timely manner so as to be received by the Department at the address identified on the DMR by January 28 of each year. Approved analytical methods identified in Rule 62-620.100(3)(j), F.A.C., shall be used for the analysis. If no method is included for a parameter, methods specified in Chapter 62-550, F.A.C., shall be used. [62-600.660(2) and (3)(d)][62-600.680(2)][62-610.300(4)]
10. An annual scan of the parameters listed as primary and secondary drinking water standards in Chapter 62-550, F.A.C. (except for turbidity, total coliforms, color, and corrosivity), shall be conducted for the demineralization concentrate (RWS-C) and the blend (RWS-B). The permittee shall submit the annual summaries of water quality in the reclaimed water, the concentrate, the blend, and ground water monitoring wells (RWS-G). Correlations between specific conductance and chloride, and total dissolved solids shall be developed and reported. The summary shall include an evaluation of any adverse effects on vegetation and ground water quality and needed corrective actions, including needed revisions to the operating protocol. Results of the annual scans and annual summary shall be submitted with the February DMR each year. [62-610.865(8)(f) & (11)]
11. The permittee shall submit an Annual Reuse Report using DEP Form 62-610.300(4)(a)2. on or before January 1 of each year. [62-610.870(3)]
12. The operating protocols, for the Public Access Reuse System and the blending of concentrate, were submitted and approved during the permit renewal process. These protocols shall remain in affect until any revisions are reviewed and approved by the Department. Operating protocol(s) shall be reviewed and updated periodically to ensure continuous compliance with the minimum treatment and disinfection requirements and established demineralization concentrate blend ratio and specific conductance limit. Updated operating protocols shall be submitted to the Department's Central District Office for review and approval upon revision of the operating protocol(s) and with each permit application. [62-610.320(6)][62-610.463(2)][62-610.865(9)]
13. The permittee shall maintain an inventory of storage systems. The inventory shall be submitted to the Department's Central District Office at least 30 days before reclaimed water will be introduced into any new storage system. The inventory of storage systems shall be attached to the annual submittal of the Annual Reuse Report. [62-610.464(5)]

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14. Unless specified otherwise in this permit, all reports and other information required by this permit, including 24-hour notifications, shall be submitted to or reported to, as appropriate, the Department's Central District Office at the address specified below:

Email (preferred): DEP_CD@FLoridaDEP.gov

Or:

Florida Department of Environmental Protection
Central District
3319 Maguire Blvd
Suite 232
Orlando, Florida 32803-3767

Phone Number - (407)897-4100

[62-620.305]

15. All reports and other information shall be signed in accordance with the requirements of Rule 62-620.305, F.A.C. [62-620.305]

II. BIOSOLIDS MANAGEMENT REQUIREMENTS

A. Basic Requirements

1. Biosolids generated by this facility may be transferred to Shelley's BTF or disposed of in a Class I solid waste landfill. Transferring biosolids to an alternative biosolids treatment facility does not require a permit modification. However, use of an alternative biosolids treatment facility requires submittal of a copy of the agreement pursuant to Rule 62-640.880(1)(c), F.A.C., along with a written notification to the Department at least 30 days before transport of the biosolids. [62-620.320(6), 62-640.880(1)]
2. The permittee shall monitor and keep records of the quantities of biosolids generated, received from source facilities, treated, distributed and marketed, land applied, used as a biofuel or for bioenergy, transferred to another facility, or landfilled. These records shall be kept for a minimum of five years. [62-640.650(4)(a)]
3. Biosolids quantities shall be monitored by the permittee as specified below. Results shall be reported on the permittee's Discharge Monitoring Report for Monitoring Group RMP-Q in accordance with Condition I.C.8.

Parameter	Units	Max./Min	Biosolids Limitation		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Biosolids Quantity (Transferred)	dry tons	Max	Report	Monthly Total	Monthly	Calculated	RMP-1	
Biosolids Quantity (Landfilled)	dry tons	Max	Report	Monthly Total	Monthly	Calculated	RMP-1	

[62-640.650(5)(a)1]

4. Biosolids quantities shall be calculated as listed in Permit Condition II.3 and as described below:

Monitoring Site Number	Description of Monitoring Site Calculations
RMP-1	Biosolids leaving site

5. The treatment, management, transportation, use, land application, or disposal of biosolids shall not cause a violation of the odor prohibition in subsection 62-296.320(2), F.A.C. [62-640.400(6)]

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6. Storage of biosolids or other solids at this facility shall be in accordance with the Facility Biosolids Storage Plan. [62-640.300(4)]
7. Biosolids shall not be spilled from or tracked off the treatment facility site by the hauling vehicle. [62-640.400(9)]

B. Disposal

1. Disposal of biosolids, septage, and "other solids" in a solid waste disposal facility, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with Chapter 62-701, F.A.C. [62-640.100(6)(b) & (c)]

C. Transfer

1. The permittee shall not be held responsible for treatment and management violations that occur after its biosolids have been accepted by a permitted biosolids treatment facility with which the source facility has an agreement in accordance with subsection 62-640.880(1)(c), F.A.C., for further treatment, management, or disposal. [62-640.880(1)(b)]
2. The permittee shall keep hauling records to track the transport of biosolids between the facilities. The hauling records shall contain the following information:

Source Facility

1. Date and time shipped
2. Amount of biosolids shipped
3. Degree of treatment (if applicable)
4. Name and ID Number of treatment facility
5. Signature of responsible party at source facility
6. Signature of hauler and name of hauling firm

Biosolids Treatment Facility or Treatment Facility

1. Date and time received
2. Amount of biosolids received
3. Name and ID number of source facility
4. Signature of hauler
5. Signature of responsible party at treatment facility

A copy of the source facility hauling records for each shipment shall be provided upon delivery of the biosolids to the biosolids treatment facility or treatment facility. The treatment facility permittee shall report to the Department within 24 hours of discovery any discrepancy in the quantity of biosolids leaving the source facility and arriving at the biosolids treatment facility or treatment facility.

[62-640.880(4)]

D. Receipt

1. If the permittee intends to accept biosolids from other facilities, a permit revision is required pursuant to paragraph 62-640.880(2)(d), F.A.C. [62-640.880(2)(d)]

III. GROUND WATER REQUIREMENTS

A. Construction Requirements

1. The permittee shall give at least 72-hour notice to the Department's Central District Office, prior to the installation of any monitoring wells. [62-520.600(6)(h)]
2. Before construction of new ground water monitoring wells, a soil boring shall be made at each new monitoring well location to properly determine monitoring well specifications such as well depth, screen interval, screen slot, and filter pack. [62-520.600(6)(g)]

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3. Within 30 days after installation of a monitoring well, the permittee shall submit to the Department's Central District Office well completion reports and soil boring/lithologic logs on the attached DEP Form(s) 62-520.900(3), Monitoring Well Completion Report. [62-520.600(6)(j) and .900(3)]
4. All piezometers and monitoring wells not part of the approved ground water monitoring plan shall be plugged and abandoned in accordance with Rule 62-532.500(5), F.A.C., unless future use is intended. [62-532.500(5)]

B. Operational Requirements

1. For the Part III Public Access system, all ground water quality criteria specified in Chapter 62-520, F.A.C., shall be met at the edge of the zone of discharge. The zone of discharge shall extend horizontally 100 feet from the application site(s) or to the property boundaries, whichever is less, and vertically to the base of the surficial aquifer. [62-520.200(27)] [62-520.465]
2. The ground water minimum criteria specified in Rule 62-520.400 F.A.C., shall be met within the zone of discharge. [62-520.400 and 62-520.420(4)]
3. If the concentration for any constituent listed in Permit Condition III.6. in the natural background quality of the ground water is greater than the stated maximum, or in the case of pH is also less than the minimum, the representative background quality shall be the prevailing standard. [62-520.420(2)]
4. During the period of operation authorized by this permit, the permittee shall continue to sample ground water at the monitoring wells identified in Permit Condition III.5., below in accordance with this permit and the approved ground water monitoring plan prepared in accordance with Rule 62-520.600, F.A.C. [62-520.600] [62-610.463]
5. The following monitoring wells shall be sampled for Reuse System R-001.

Monitoring Well ID	Alternate Well Name and/or Description of Monitoring Location	Latitude	Longitude	Depth (Feet)	Aquifer Monitored	Well Type	New or Existing
MWB-1	Well Name MW-1 Golf Course WAFR 7328 3064A16235	29°17' 28"	81°2' 43"	20	Surficial	Background	Existing
MWC-2	Well Name MW-2 Golf Course WAFR 7327 3064A16236	29°17' 46"	81°2' 44"	15	Surficial	Compliance	Existing
MWC-3A	Well Name MW-3A Golf Course WAFR 46550 3064A16237	29°18' 16"	81°2' 58"	15	Surficial	Compliance	Existing
MWC-4	Well Name MW-4 Golf Course WAFR 7325 3064A16238	29°17' 44"	81°2' 30"	15	Surficial	Compliance	Existing
MWC-5A	Well Name MW-5A Golf Course WAFR 46551 3064A16239	29°18' 8"	81°2' 44"	15	Surficial	Compliance	Existing

[62-520.600] [62-610.463]

6. The following parameters shall be analyzed for each monitoring well identified in Permit Condition III.5.:

Parameter	Compliance Well Limit	Units	Sample Type	Monitoring Frequency
Water Level Relative to NGVD	Report	ft	In Situ	Quarterly
Nitrogen, Nitrate, Total (as N)	10	mg/L	Grab	Quarterly
Solids, Total Dissolved (TDS)	500	mg/L	Grab	Quarterly
Chloride (as Cl)	250	mg/L	Grab	Quarterly
Coliform, Fecal	4	#/100mL	Grab	Quarterly
pH	6.5-8.5	s.u.	Grab	Quarterly
Sulfate, Total	250	mg/L	Grab	Quarterly
Turbidity	Report	NTU	Grab	Quarterly
Sodium, Total Recoverable	160	mg/L	Grab	Quarterly
Trihalomethane, Total by summation	80	ug/L	Grab	Quarterly
Bis (2-ethylhexyl) phthalate	0.006	mg/L	Grab	Quarterly

[62-520.600(11)(b)] [62-600.670] [62-600.650(3)] [62-520.310(5)]

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7. Water levels shall be recorded before evacuating each well for sample collection. Elevation references shall include the top of the well casing and land surface at each well site (NAVD allowable) at a precision of plus or minus 0.01 foot. [62-520.600(11)(c)] [62-610.463(3)(a)]
8. Ground water monitoring wells shall be purged prior to sampling to obtain representative samples. [62-160.210] [62-600.670(3)]
9. Analyses shall be conducted on unfiltered samples, unless filtered samples have been approved by the Department's Central District Office as being more representative of ground water conditions. [62-520.310(5)]
10. Ground water monitoring test results shall be submitted on Part D of Form 62-620.910(10) in accordance with Permit Condition I.C.8. [62-520.600(11)(b)] [62-600.670] [62-600.680(1)] [62-620.610(18)]
11. If any monitoring well becomes inoperable or damaged to the extent that sampling or well integrity may be affected, the permittee shall notify the Department's Central District Office within two business days from discovery, and a detailed written report shall follow within ten days after notification to the Department. The written report shall detail what problem has occurred and remedial measures that have been taken to prevent recurrence or request approval for replacement of the monitoring well. All monitoring well design and replacement shall be approved by the Department's Central District Office before installation. [62-520.600(6)(l)]
12. The permittee shall sample the following monitoring well(s): MWC-5A for the primary and secondary drinking water parameters included in Rules 62-550.310 and 62-550.320, F.A.C., (except for asbestos and all parameters in Table 5 of Chapter 62-550, F.A.C., other than Di(2-ethylhexyl) adipate and Di(2-ethylhexyl) phthalate). Results of this sampling shall be submitted to the Department's Central District Office with the application for permit renewal. Sampling shall occur no sooner than 180 days before submittal of the renewal application and reported using the RWS-G DMR. [62-520.600(5)(b)]

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

A. Part III Public Access System(s)

1. Use of reclaimed water is authorized within the general service area identified in the attached map. The following uses of reclaimed water are authorized within this general service area:

Athletic Complexes and Parks
Golf Courses
Other Landscape Irrigation
Residential Developments

[62-620.630(10)(a)]

2. This reuse system includes the following major user(s) of reclaimed water (i.e., using 0.1 MGD or more) and general service area(s):

Site Number	User Name	User Type	Capacity (MGD)	Acreage
PAA-1	North Peninsula Residential development	Residential Developments	1.38	595
PAA-2	Residential/Recreational Open Space Residential Development	Golf Courses	1.38	594
PAA-3	Golf Courses/Oceanside; Tomoka Oaks; River Bend	Other Landscape Irrigation	2.38	437
PAA-4	Western Ormond Beach-Residential	Athletic Complexes and Parks	3.26	1399
PAA-5	South Peninsula-Residential	Golf Courses	1.57	676
PAA_6	Ormond Beach WRF	Other Landscape	0.02	12
Total			10.0	3713

[62-610.800(5)] [62-620.630(10)(b)]

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3. New major users of reclaimed water (i.e., using 0.1 MGD or more) may be added to the reuse system using the general permit described in Rule 62-610.890, F.A.C., if the requirements in this rule are complied with. Application for use of this general permit shall be made using Form 62-610.300(4)(a)1. [62-610.890]
4. Cross-connections to the potable water system are prohibited. [62-610.469(7)]
5. A cross-connection control program shall be implemented and/or remain in effect within the areas where reclaimed water will be provided for use and shall be in compliance with the Rule 62-555.360, F.A.C. [62-610.469(7)]
6. The permittee shall conduct inspections within the reclaimed water service area to verify proper connections, to minimize illegal cross-connections, and to verify both the proper use of reclaimed water and that the proper backflow prevention assemblies or devices have been installed and tested. Inspections are required when a customer first connects to the reuse distribution system. Subsequent inspections are required as specified in the cross-connection control and inspection program. [62-610.469(7)(h)]
7. If an actual or potential (e.g. no dual check device on residential connections served by a reuse system) cross-connection between the potable and reclaimed water systems is discovered, the permittee shall:
 - a. Immediately discontinue potable water and/or reclaimed water service to the affected area if an actual cross-connection is discovered.
 - b. If the potable water system is contaminated, clear the potable water lines.
 - c. Eliminate the cross-connection and install a backflow prevention device as required by the Rule 62-555.360.F.A.C.
 - d. Test the affected area for other possible cross-connections.
 - e. Within 24 hours, notify the Department's Central District Office's domestic wastewater and drinking water programs.
 - f. Within 5 days of discovery of an actual or potential cross-connection, submit a written report to the Department's Central District Office detailing: a description of the cross-connection, how the cross-connection was discovered, the exact date and time of discovery, approximate time that the cross-connection existed, the location, the cause, steps taken to eliminate the cross-connection, whether reclaimed water was consumed, and reports of possible illness, whether the drinking water system was contaminated and the steps taken to clear the drinking water system, when the cross-connection was eliminated, plan of action for testing for other possible cross-connections in the area, and an evaluation of the cross-connection control and inspection program to ensure that future cross-connections do not occur.

[62-555.360][62-620.610(20)]

8. Maximum obtainable separation of reclaimed water lines and potable water lines shall be provided and the minimum separation distances specified in Rule 62-610.469(7), F.A.C., shall be provided. Reuse facilities shall be color coded or marked. Underground piping which is not manufactured of metal or concrete shall be color coded using Pantone Purple 522C using light stable colorants. Underground metal and concrete pipe shall be color coded or marked using purple as the predominant color. [62-610.469(7)]
9. In constructing reclaimed water distribution piping, the permittee shall maintain a 75-foot setback distance from a reclaimed water transmission facility to public water supply wells. No setback distances are required to other potable water supply wells or to any nonpotable water supply wells. [62-610.471(3)]
10. A setback distance of 75 feet shall be maintained between the edge of the wetted area and potable water supply wells, unless the utility adopts and enforces an ordinance prohibiting potable water supply wells within the reuse service area. No setback distances are required to any nonpotable water supply well, to any surface water, to any developed areas, or to any private swimming pools, hot tubs, spas, saunas, picnic tables, barbecue pits, or barbecue grills. [62-610.471(1), (2), (5), and (7)]

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11. Reclaimed water shall not be used to fill swimming pools, hot tubs, or wading pools. [62-610.469(4)]
12. Low trajectory nozzles, or other means to minimize aerosol formation shall be used within 100 feet from outdoor public eating, drinking, or bathing facilities. [62-610.471(6)]
13. A setback distance of 100 feet shall be maintained from indoor aesthetic features using reclaimed water to adjacent indoor public eating and drinking facilities. [62-610.471(8)]
14. The public shall be notified of the use of reclaimed water. This shall be accomplished by posting of advisory signs in areas where reuse is practiced, notes on scorecards, or other methods. [62-610.468(2)]
15. All new advisory signs and labels on vaults, service boxes, or compartments that house hose bibbs along with all labels on hose bibbs, valves, and outlets shall bear the words "do not drink" and "no beber" along with the equivalent standard international symbol. In addition to the words "do not drink" and "no beber," advisory signs posted at storage ponds and decorative water features shall also bear the words "do not swim" and "no nadar" along with the equivalent standard international symbols. Existing advisory signs and labels shall be retrofitted, modified, or replaced in order to comply with the revised wording requirements. For existing advisory signs and labels this retrofit, modification, or replacement shall occur within 365 days after the date of this permit. For labels on existing vaults, service boxes, or compartments housing hose bibbs this retrofit, modification, or replacement shall occur within 730 days after the date of this permit. [62-610.468, 62-610.469]
16. The permittee shall ensure that users of reclaimed water are informed about the origin, nature, and characteristics of reclaimed water; the manner in which reclaimed water can be safely used; and limitations on the use of reclaimed water. Notification is required at the time of initial connection to the reclaimed water distribution system and annually after the reuse system is placed into operation. A description of on-going public notification activities shall be included in the Annual Reuse Report. [62-610.468(6)]
17. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. [62-610.414(8)]
18. Overflows from emergency discharge facilities on storage ponds shall be reported as abnormal events in accordance with Permit Condition IX.20. [62-610.800(9)]

Supplemental Water Supplies - Ground Water

19. An approved backflow prevention device, as described in Rule 62-555.360, F.A.C., shall be provided on the pipe from each well connected into the reclaimed water system. [62-610.472(4)]
20. The supplemental water supply pipes and appurtenances shall be color coded and marked to differentiate them from the reclaimed water and potable water facilities. [62-610.472(4)]
21. Facilities used to connect supplemental water supplies into the reclaimed water distribution system shall be located and documented in the record drawings for the reuse system. [62-610.472(7)]

Blending of Concentrate with Reclaimed Water

22. Demineralization concentrate from Ormond Beach Water Treatment Plant may be blended with the treated reclaimed water. Concentrate shall be blended with the reclaimed water at final plant effluent/reclaim water. [62-610.865]

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V. OPERATION AND MAINTENANCE REQUIREMENTS

A. Staffing Requirements

1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of one or more operators certified in accordance with Chapter 62-602, F.A.C. In accordance with Chapter 62-699, F.A.C., this facility is a Category I, Class A facility and, at a minimum, operators with appropriate certification must be on the site as follows:

A Class C or higher operator 24 hours/day for 7 days/week. The lead/chief operator must be a Class A operator.

[62-620.630(3)][62-699.310] [62-610.462]

2. The lead/chief operator shall be employed at the plant full time. "Full time" shall mean at least 4 days per week, working a minimum of 35 hours per week, including leave time. A licensed operator shall be on-site and in charge of each required shift for periods of required staffing time when the lead/chief operator is not on-site. An operator meeting the lead/chief operator class for the treatment plant shall be available during all periods of plant operation. "Available" means able to be contacted as needed to initiate the appropriate action in a timely manner. *[62-699.311(10), (6) and (1)]*

B. Capacity Analysis Report and Operation and Maintenance Performance Report Requirements

1. The application to renew this permit shall include an updated capacity analysis report prepared in accordance with Rule 62-600.405, F.A.C. *[62-600.405(5)]*
2. The application to renew this permit shall include a detailed operation and maintenance performance report prepared in accordance with Rule 62-600.735, F.A.C. *[62-600.735(1)]*

C. Recordkeeping Requirements

1. The permittee shall maintain the following records and make them available for inspection on the site of the permitted facility.
 - a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, including, if applicable, a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;
 - b. Copies of all reports required by this permit for at least three years from the date the report was prepared;
 - c. Records of all data, including reports and documents, used to complete the application for this permit for at least three years from the date the application was filed;
 - d. Monitoring information, including a copy of the laboratory certification showing the laboratory certification number, related to the residuals use and disposal activities for the time period set forth in Chapter 62-640, F.A.C., for at least three years from the date of sampling or measurement;
 - e. A copy of the current wastewater facility permit;
 - f. Copies of the current operation and maintenance manuals for the wastewater facility and the collection/transmission systems owned or operated by the wastewater facility permittee as required by Chapters 62-600 and 62-604, F.A.C.;
 - g. A copy of any required record drawings for the wastewater facility and the collection/transmission systems owned or operated by the wastewater facility permittee;
 - h. Copies of the licenses of the current certified operators;

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- i. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date of the logs or schedules. The logs shall, at a minimum, include identification of the plant; the signature and license number of the operator(s) and the signature of the person(s) making any entries; date and time in and out; specific operation and maintenance activities, including any preventive maintenance or repairs made or requested; results of tests performed and samples taken, unless documented on a laboratory sheet; and notation of any notification or reporting completed in accordance with Rule 62-602.650(3), F.A.C. The logs shall be maintained on-site in a location accessible to 24-hour inspection, protected from weather damage, and current to the last operation and maintenance performed; and
- j. Records of biosolids quantities, treatment, monitoring, and hauling for at least five years.

[62-620.350, 62-604.500, 62-602.650, 62-640.650(4)]

VI. SCHEDULES

1. The following improvement actions shall be completed according to the following schedule:

Improvement Action	Completion Date
1. Complete the conversion of the RW EQ tank to a supplemental chlorine contact chamber	01/01/2021

[62-620.320(6)]

2. The permittee is not authorized to discharge to waters of the state after the expiration date of this permit, unless:
 - a. The permittee has applied for renewal of this permit at least 180 days before the expiration date of this permit using the appropriate forms listed in Rule 62-620.910, F.A.C., and in the manner established in the Department of Environmental Protection Guide to Permitting Wastewater Facilities or Activities Under Chapter 62-620, F.A.C., including submittal of the appropriate processing fee set forth in Rule 62-4.050, F.A.C.; or
 - b. The permittee has made complete the application for renewal of this permit before the permit expiration date.

Please note, effluent testing shall be conducted for each outfall in accordance with the instructions provided in Sections 3.A.12., 13., and 14. of the application form. A minimum of three samples shall be taken within four and one-half years prior to the date of the permit application and must be representative of the seasonal variation in the discharge from each outfall. [62-620.335(1) - (4)]

VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

A. Implementation Requirements

1. The permittee shall function as the Control Authority and shall be responsible for the performance of all pretreatment program requirements contained in Chapter 62-625, F.A.C. The permittee shall be subject to enforcement actions, penalties, and other remedies by the Department or other appropriate parties. The permittee shall implement and enforce its Approved Pretreatment Program. The permittee's Approved Pretreatment Program is hereby made an enforceable condition of this permit. The Department may initiate enforcement action against an industrial user for noncompliance with applicable standards and requirements. [62-625.500]
2. The permittee shall enforce the requirements promulgated under Sections 307(b), 307(c), 307(d), and 402(b) of the Act. The permittee shall cause industrial users subject to Federal Categorical Standards to achieve compliance no later than the date specified in those requirements or, in the case of new industrial users, upon commencement of the discharge. [62-625.410]

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3. The permittee shall perform the pretreatment functions as required in Chapter 62-625, F.A.C., including, but not limited to, the following:
 - a. Implementing the necessary legal authorities as provided in Rule 62-625.500(2)(a), F.A.C. This includes, among other things, the authority to require compliance with applicable pretreatment standards, which includes general prohibitions listed in Rule 62-625.400(1), F.A.C., specific prohibitions in Rule 62-625.400(2), F.A.C., locally developed limits as required by Rules 62-625.400(3) and (4), F.A.C., and national categorical limits in accordance with Rule 62-625.410, F.A.C.;
 - b. Implementing the programmatic functions as required under Rule 62-625.500(2)(b), F.A.C.;
 - c. Providing the required funding, equipment, and personnel to implement the pretreatment program as provided in Rules 62-625.500(2), (3), and (4), F.A.C.; and
 - d. Providing a written technical evaluation that local limits have been developed in accordance with Rule 62-625.400(3)(a), F.A.C. The evaluation shall verify whether existing local limits protect the wastewater facilities, and if not, the permittee shall develop new local limits as part of the evaluation in accordance with Rule 62-625.600(16), F.A.C. For new local limits, a plan of study shall be submitted to the Department prior to initiating sampling required to develop the new local limits. This evaluation shall be submitted to the Department at the address in the condition below as required by the approved Industrial Pretreatment Program, or 180 days prior to the expiration of this permit.

[62-625.400 and .500]

4. As required by Rules 62-625.600(8) and (12), F.A.C., the permittee shall submit a signed copy of the annual report for pretreatment activities, including DMRs for Monitoring Site Numbers PRT-I, PRT-E, and PRT-R for this facility, to the Department at the following address:

Florida Department of Environmental Protection
Domestic Wastewater Section, Mail Station 3540
Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

The annual report shall contain the information required in accordance with Rule 62-625.600(8), F.A.C., except section (8)(f) as noted below, and shall describe the permittee's pretreatment activities for the reporting year. In the event that the permittee is not in compliance with any conditions or requirements of the pretreatment program, then the permittee shall also include the reasons for noncompliance and state how and when the permittee shall comply with such conditions and requirements.

In order to comply with Rule 62-625.600(8)(f), F.A.C., the permittee shall submit annual DMRs with the analytical results of influent, effluent, and residuals for those pollutants listed on the DMRs. For any other nonpriority pollutants which the permittee believes may be causing or contributing to interference, pass through, or adversely impacting residuals quality, the annual report shall provide a summary of all analytical results of influent, effluent, and residuals. The annual report and DMRs are due on February 1 of each year, to cover a period between January 1 to December 31. [62-625.600(8) and (12)]

5. No additional facilities are covered by the Ormond Beach WRF (FL0020532) pretreatment program.
6. Samples for Monitoring Site Numbers PRT-I, PRT-E, and PRT-R shall be taken at the monitoring site locations described below:

Monitoring Location Site Number	Description of Monitoring Location
PRT-I	Influent
PRT-E	Effluent
PRT-R	Residuals

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VIII. OTHER SPECIFIC CONDITIONS

1. The permittee shall comply with all conditions and requirements for reuse contained in their consumptive use permit issued by the Water Management District, if such requirements are consistent with Department rules. *[62-610.800(10)]*
2. In the event that the wastewater facilities or equipment, including collection/transmission systems, no longer function as intended, are no longer safe in terms of public health and safety (including inactive or abandoned facilities), or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by paragraphs 62-600.400(2)(a) and 62-604.400(2)(c), F.A.C., corrective action (which may include additional maintenance or modifications of the permitted facilities) shall be taken by the permittee. Other corrective action may be required to ensure compliance with rules of the Department. Additionally, the treatment, management, use or land application of residuals shall not cause a violation of the odor prohibition in subsection 62-296.320(2), F.A.C. *[62-600.410(5), 62-604.500(3) and 62-640.400(6)]*
3. All collection/transmission systems shall be operated and maintained so as to provide uninterrupted service. *[62-604.500(2)]*
4. The deliberate introduction of stormwater in any amount into collection/transmission systems designed solely for the introduction (and conveyance) of domestic/industrial wastewater; or the deliberate introduction of stormwater into collection/transmission systems designed for the introduction or conveyance of combinations of storm and domestic/industrial wastewater in amounts which may reduce the efficiency of pollutant removal by the treatment plant is prohibited, except as provided by Rule 62-610.472, F.A.C. *[62-604.130(3)]*
5. Cross-connection, as defined in Rule 62-550.200, F.A.C., between the wastewater facility, including the collection/transmission system, and a potable water system is prohibited. *[62-550.360][62-604.130(3)]*
6. The collection/transmission operation and maintenance manual shall be maintained and revised periodically in accordance with subsection 62-604.500(4), F.A.C., to reflect any alterations performed or to reflect experience resulting from operation. However, a new operation and maintenance manual is not required to be developed for each project if there is already an existing manual that is applicable to the facilities being constructed. *[62-604.500(4)]*
7. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. *[62-604.550] [62-620.610(20)]*
8. The operating authority of a collection/transmission system and the permittee of a treatment plant are prohibited from accepting connections of wastewater discharges which have not received necessary pretreatment or which contain materials or pollutants (other than normal domestic wastewater constituents):
 - a. Which may cause fire or explosion hazards; or
 - b. Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or
 - c. Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or
 - d. Which result in the wastewater temperature at the introduction of the treatment plant exceeding 40°C or otherwise inhibiting treatment; or
 - e. Which result in the presence of toxic gases, vapors, or fumes that may cause worker health and safety problems.

[62-604.130(5)]

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9. The treatment facility, storage ponds for Part II systems, rapid infiltration basins, and/or infiltration trenches shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. [62-600.400(2)(b)]
10. Screenings and grit removed from the wastewater facilities shall be collected in suitable containers and hauled to a Department approved Class I landfill or to a landfill approved by the Department for receipt/disposal of screenings and grit. [62-701.300(1)(a)]
11. Where required by Chapter 471 or Chapter 492, F.S., applicable portions of reports that must be submitted under this permit shall be signed and sealed by a professional engineer or a professional geologist, as appropriate. [62-620.310(4)]
12. The permittee shall provide verbal notice to the Department's Central District Office as soon as practical after discovery of a sinkhole or other karst feature within an area for the management or application of wastewater, wastewater residuals (sludges), or reclaimed water. The permittee shall immediately implement measures appropriate to control the entry of contaminants, and shall detail these measures to the Department's Central District Office in a written report within 7 days of the sinkhole discovery. [62-620.320(6)]

IX. GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, Florida Statutes. Any permit noncompliance constitutes a violation of Chapter 403, Florida Statutes, and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. [62-620.610(1)]
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications, or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. [62-620.610(2)]
3. As provided in subsection 403.087(7), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. [62-620.610(3)]
4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. [62-620.610(4)]
5. This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [62-620.610(5)]
6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. [62-620.610(6)]
7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. [62-620.610(7)]

PERMITTEE: City of Ormond Beach
 FACILITY: Ormond Beach WRF

PERMIT NUMBER: FL0020532 (Major)
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8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [62-620.610(8)]
9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:
 - a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;
 - b. Have access to and copy any records that shall be kept under the conditions of this permit;
 - c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and
 - d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.

[62-620.610(9)]

10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, F.S., or Rule 62-620.302, F.A.C. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. [62-620.610(10)]
11. When requested by the Department, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. [62-620.610(11)]
12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. [62-620.610(12)]
13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. [62-620.610(13)]
14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. [62-620.610(14)]
15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility or activity and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. [62-620.610(15)]
16. The permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300, F.A.C., and the Department of Environmental Protection Guide to Permitting Wastewater Facilities or Activities Under Chapter 62-620, F.A.C., at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.325(2), F.A.C., for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. [62-620.610(16)]

PERMITTEE: City of Ormond Beach
 FACILITY: Ormond Beach WRF

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 EXPIRATION DATE: May 8, 2025

17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:
- A description of the anticipated noncompliance;
 - The period of the anticipated noncompliance, including dates and times; and
 - Steps being taken to prevent future occurrence of the noncompliance.

[62-620.610(17)]

18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246 and Chapters 62-160, 62-600, and 62-610, F.A.C., and 40 CFR 136, as appropriate.
- Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10), or as specified elsewhere in the permit.
 - If the permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
 - Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.
 - Except as specifically provided in Rule 62-160.300, F.A.C., any laboratory test required by this permit shall be performed by a laboratory that has been certified by the Department of Health Environmental Laboratory Certification Program (DOH ELCP). Such certification shall be for the matrix, test method and analyte(s) being measured to comply with this permit. For domestic wastewater facilities, testing for parameters listed in Rule 62-160.300(4), F.A.C., shall be conducted under the direction of a certified operator.
 - Field activities including on-site tests and sample collection shall follow the applicable standard operating procedures described in DEP-SOP-001/01 adopted by reference in Chapter 62-160, F.A.C.
 - Alternate field procedures and laboratory methods may be used where they have been approved in accordance with Rules 62-160.220, and 62-160.330, F.A.C.

[62-620.610(18)]

19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. [62-620.610(19)]
20. The permittee shall report to the Department any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. For noncompliance events related to sanitary sewer overflows or bypass events, these reports must include the data described above (with the exception of time of discovery) as well as the type of event (sanitary sewer overflows or bypass events), type of sewer overflow (e.g., manhole), discharge volumes by the treatment works treating domestic sewage, types of human health and environmental impacts of the sewer overflow event, and whether the noncompliance was related to wet weather. The written submission may be provided electronically using the Department's Business Portal at <http://www.fldepportal.com/go/> (via "Submit" followed by "Report" or "Registration/Notification"). Notice required under paragraph (d) may be provided together with the written submission using the Business Portal. All noncompliance events related to sanitary sewer overflows or bypass events submitted after December 21, 2020 shall be submitted electronically.

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- (a) The following shall be included as information which must be reported within 24 hours under this condition:
1. Any unanticipated bypass which causes any reclaimed water or the effluent to exceed any permit limitation or results in an unpermitted discharge,
 2. Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
 3. Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
 4. Any unauthorized discharge to surface or ground waters.
- (b) Oral reports as required by this subsection shall be provided as follows:
1. For unauthorized releases or spills of treated or untreated wastewater reported pursuant to subparagraph (a)4. that are in excess of 1,000 gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the Department by calling the STATE WATCH OFFICE TOLL FREE NUMBER (800) 320-0519, as soon as practical, but no later than 24 hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Watch Office:
 - a. Name, address, and telephone number of person reporting;
 - b. Name, address, and telephone number of permittee or responsible person for the discharge;
 - c. Date and time of the discharge and status of discharge (ongoing or ceased);
 - d. Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater);
 - e. Estimated amount of the discharge;
 - f. Location or address of the discharge;
 - g. Source and cause of the discharge;
 - h. Whether the discharge was contained on-site, and cleanup actions taken to date;
 - i. Description of area affected by the discharge, including name of water body affected, if any; and
 - j. Other persons or agencies contacted.
 2. Oral reports, not otherwise required to be provided pursuant to subparagraph (b)1. above, shall be provided to the Department within 24 hours from the time the permittee becomes aware of the circumstances.
- (c) If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department shall waive the written report.
- (d) In accordance with Section 403.077, F.S., unauthorized releases or spills reportable to the StateWatch Office pursuant to subparagraph (b)1. above shall also be reported to the Department within 24 hours from the time the permittee becomes aware of the discharge. The permittee shall provide to the Department information reported to the State Watch Office. Notice of unauthorized releases or spills may be provided to the Department through the Department's Public Notice of Pollution web page at <https://floridadep.gov/pollutionnotice>.
1. If, after providing notice pursuant to paragraph (d) above, the permittee determines that a reportable unauthorized release or spill did not occur or that an amendment to the notice is warranted, the permittee may submit additional notice to the Department documenting such determination.
 2. If, after providing notice pursuant to paragraph (d) above, the permittee discovers that a reportable unauthorized release or spill has migrated outside the property boundaries of the installation, the permittee

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must provide an additional notice to the Department that the release has migrated outside the property boundaries within 24 hours after its discovery of the migration outside of the property boundaries.

[62-620.610(20)] [62-620.100(3)] [403.077, F.S.]

21. The permittee shall report all instances of noncompliance not reported under Permit Conditions IX.17., IX.18., or IX.19. of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Permit Condition IX.20. of this permit. [62-620.610(21)]
22. Bypass Provisions.
 - a. "Bypass" means the intentional diversion of waste streams from any portion of a treatment works.
 - b. Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:
 - (1) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and
 - (2) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
 - (3) The permittee submitted notices as required under Permit Condition IX.22.c. of this permit.
 - c. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Permit Condition IX.20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.
 - d. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Permit Condition IX.22.b.(1) through (3) of this permit.
 - e. A permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Permit Condition IX.22.b. through d. of this permit.

[62-620.610(22)]

23. Upset Provisions.
 - a. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based effluent limitations because of factors beyond the reasonable control of the permittee.
 - (1) An upset does not include noncompliance caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, careless or improper operation.
 - (2) An upset constitutes an affirmative defense to an action brought for noncompliance with technology based permit effluent limitations if the requirements of upset provisions of Rule 62-620.610, F.A.C., are met.
 - b. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:
 - (1) An upset occurred and that the permittee can identify the cause(s) of the upset;
 - (2) The permitted facility was at the time being properly operated;
 - (3) The permittee submitted notice of the upset as required in Permit Condition IX.20. of this permit; and
 - (4) The permittee complied with any remedial measures required under Permit Condition IX.5. of this permit.

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- c. In any enforcement proceeding, the burden of proof for establishing the occurrence of an upset rests with the permittee.
- d. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.

[62-620.610(23)]

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



Reggie Phillips
Environmental Administrator
Permitting and Waste Cleanup Program

Attachment(s):
Discharge Monitoring Report
Pathogen Monitoring Report Form
Map of the General Reuse Service Area

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

8.F.a

When Completed submit this report to: <http://www.fldeportal.com/go/>

PERMITTEE NAME: City of Ormond Beach
 MAILING ADDRESS: 22 S Beach St
 Ormond Beach, Florida 32174- 6386

PERMIT NUMBER: FL0020532-023-DW1P
 LIMIT: Final
 CLASS SIZE: MA
 MONITORING GROUP NUMBER: D-001
 MONITORING GROUP DESCRIPTION: Discharge to Halifax River

Effective Date of DMR: July 1, 2020
 REPORT FREQUENCY: Monthly
 PROGRAM: Domestic

FACILITY: Ormond Beach WRF
 LOCATION: 550 N Orchard St
 Ormond Beach, FL 32174-9512

RE-SUBMITTED DMR: ☐
 NO DISCHARGE FROM SITE: ☐
 MONITORING PERIOD From: _____ To: _____

COUNTY: Volusia
 OFFICE: Central District

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
PARM Code 50050 Y Mon. Site No. FLW-1	Permit Requirement		6.0 (An.Avg.)	MGD						Continuous	Calculated
Flow	Sample Measurement										
PARM Code 50050 1 Mon. Site No. FLW-1	Permit Requirement		Report (Mo.Avg.)	MGD						Continuous	Calculated
Flow	Sample Measurement										
PARM Code 50050 P Mon. Site No. FLW-10	Permit Requirement		Report (An.Avg.)	MGD						Continuous	Flow Totalizer
Flow	Sample Measurement										
PARM Code 50050 Q Mon. Site No. FLW-10	Permit Requirement		Report (Mo.Avg.)	MGD						Continuous	Flow Totalizer
Flow	Sample Measurement										
PARM Code 50050 R Mon. Site No. FLW-6	Permit Requirement		Report (An.Avg.)	MGD						Continuous	Flow Totalizer
Flow	Sample Measurement										
PARM Code 50050 S Mon. Site No. FLW-6	Permit Requirement		Report (Mo.Avg.)	MGD						Continuous	Flow Totalizer

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

8.F.a

FACILITY: Ormond Beach WRF

MONITORING GROUP D-001

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 Y Mon. Site No. EFD-1	Permit Requirement				5.0 (An.Avg.)			mg/L		5 Days/Week	24-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 1 Mon. Site No. EFD-1	Permit Requirement				10.0 (Max.)	7.5 (Max.Wk.Avg.)	6.25 (Mo.Avg.)	mg/L		5 Days/Week	24-hr FPC
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 Y Mon. Site No. EFD-1	Permit Requirement				5.0 (An.Avg.)			mg/L		5 Days/Week	24-hr FPC
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 1 Mon. Site No. EFD-1	Permit Requirement				10.0 (Max.)	7.5 (Max.Wk.Avg.)	6.25 (Mo.Avg.)	mg/L		5 Days/Week	24-hr FPC
Coliform, Fecal	Sample Measurement										
PARM Code 74055 Y Mon. Site No. EFA-1	Permit Requirement				200 (An.Avg.)			#/100mL		5 Days/Week	Grab
Coliform, Fecal	Sample Measurement										
PARM Code 74055 A Mon. Site No. EFA-1	Permit Requirement				800 (Max.)	400 (90th %)	200 (Mo.Geo.Mn.)	#/100mL		5 Days/Week	Grab
Coliform, Fecal	Sample Measurement										
PARM Code 74055 P Mon. Site No. EFA-2	Permit Requirement				200 (An.Avg.)			#/100mL		5 Days/Week	Grab
Coliform, Fecal	Sample Measurement										
PARM Code 74055 Q Mon. Site No. EFA-2	Permit Requirement				800 (Max.)	400 (90th %)	200 (Mo.Geo.Mn.)	#/100mL		5 Days/Week	Grab
Enterococci	Sample Measurement										
PARM Code 31639 1 Mon. Site No. EFD-1	Permit Requirement				35 (Mo.Geo.Mn.)	130 (90th %)		#/100mL		5 Days/Week	Grab
pH	Sample Measurement										
PARM Code 00400 1 Mon. Site No. EFD-1	Permit Requirement				6.5 (Min.)	8.5 (Max.)		s.u.		Continuous	Meter

DISCHARGE MONITORING REPORT - PART A (Continued)

8.F.a

FACILITY: Ormond Beach WRF

MONITORING GROUP D-001

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Chlorine, Total Residual (For Disinfection)	Sample Measurement										
PARM Code 50060 A Mon. Site No. EFA-1	Permit Requirement				0.5 (Min.)			mg/L		Continuous	Meter
Chlorine, Total Residual (For Disinfection)	Sample Measurement										
PARM Code 50060 P Mon. Site No. EFA-2	Permit Requirement				0.5 (Min.)			mg/L		Continuous	Meter
Chlorine, Total Residual (For Dechlorination)	Sample Measurement										
PARM Code 50060 1 Mon. Site No. EFD-1	Permit Requirement					0.01 (Max.)		mg/L		Daily; 24 hours	Grab
Nitrogen, Total	Sample Measurement										
PARM Code 00600 1 Mon. Site No. EFD-1	Permit Requirement				6.0 (Max.)	4.5 (Max.Wk.Avg.)	3.0 (Mo.Avg.)	mg/L		5 Days/Week	24-hr FPC
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 1 Mon. Site No. EFD-1	Permit Requirement				2.0 (Max.)	1.5 (Max.Wk.Avg.)	1.0 (Mo.Avg.)	mg/L		5 Days/Week	24-hr FPC
Oxygen, Dissolved (DO)	Sample Measurement										
PARM Code 00300 1 Mon. Site No. EFD-1	Permit Requirement				4.0 (Min.)			mg/L		Daily; 24 hours	Grab
Nitrogen, Total	Sample Measurement										
PARM Code 00600 P Mon. Site No. EFD-1	Permit Requirement	Report (Mo.Total)	54831 (An.Total)	lb/yr						Monthly	Calculated
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 P Mon. Site No. EFD-1	Permit Requirement	Report (Mo.Total)	18278 (An.Total)	lb/yr						Monthly	Calculated
LC50 STATRE 96HOUR ACUTE Ceriodaphnia dubia (Routine)	Sample Measurement										
PARM Code TAN3B P Mon. Site No. EFD-1	Permit Requirement				100 (Min.)			percent		Semi-Annually; twice per year	4 grabs/24 hr.
LC50 STATRE 96HOUR ACUTE Ceriodaphnia dubia (Additional)	Sample Measurement										
PARM Code TAN3B Q Mon. Site No. EFD-1	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit

DISCHARGE MONITORING REPORT - PART A (Continued)

8.F.a

FACILITY: Ormond Beach WRF

MONITORING GROUP D-001

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
LC50 STATRE 96HOUR ACUTE Ceriodaphnia dubia (Additional)	Sample Measurement										
PARM Code TAN3B R Mon. Site No. EFD-1	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit
LC50 STATRE 96HOUR ACUTE Cyprinella leedsi (Routine)	Sample Measurement										
PARM Code TAN6H P Mon. Site No. EFD-1	Permit Requirement				100 (Min.)			percent		Semi-Annually; twice per year	4 grabs/24 hr.
LC50 STATRE 96HOUR ACUTE Cyprinella leedsi (Additional)	Sample Measurement										
PARM Code TAN6H Q Mon. Site No. EFD-1	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit
LC50 STATRE 96HOUR ACUTE Cyprinella leedsi (Additional)	Sample Measurement										
PARM Code TAN6H R Mon. Site No. EFD-1	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit
Dichlorobromomethane	Sample Measurement										
PARM Code 32101 Y Mon. Site No. EFD-1	Permit Requirement					100 (An.Avg.)		ug/L		Monthly	Grab
Enterococci	Sample Measurement										
PARM Code 31639 P Mon. Site No. EFD-1	Permit Requirement					35 (Mo.Geo.Mn.)	104 (Max.)	#/100mL		5 Days/Week	Grab

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

8.F.a

When Completed submit this report to: <http://www.fldeportal.com/go/>

PERMITTEE NAME: Ormond Beach, City of
 MAILING ADDRESS: 22 S Beach St
 Ormond Beach, Florida 32174- 6386

PERMIT NUMBER: FL0020532-023-DW1P

LIMIT: Final
 CLASS SIZE: MA
 MONITORING GROUP NUMBER: R-001
 MONITORING GROUP DESCRIPTION: Public Access Reuse, with Influent

REPORT FREQUENCY: Monthly
 PROGRAM: Domestic

FACILITY: Ormond Beach WRF
 LOCATION: 550 N Orchard St
 Ormond Beach, FL 32174-9512

RE-SUBMITTED DMR: ☐
 NO DISCHARGE FROM SITE: ☐
 MONITORING PERIOD From: _____ To: _____

COUNTY: Volusia
 OFFICE: Central District

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
PARM Code 50050 Y Mon. Site No. FLW-2	Permit Requirement		10.0 (An.Avg.)	MGD						Continuous	Flow Totalizer
Flow	Sample Measurement										
PARM Code 50050 1 Mon. Site No. FLW-2	Permit Requirement		Report (Mo.Avg.)	MGD						Continuous	Flow Totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 Y Mon. Site No. EFA-1	Permit Requirement					20.0 (An.Avg.)		mg/L		5 Days/Week	24-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 A Mon. Site No. EFA-1	Permit Requirement				60.0 (Max.)	45.0 (Max.Wk.Avg.)	30.0 (Mo.Avg.)	mg/L		5 Days/Week	24-hr FPC
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 B Mon. Site No. EFB-1	Permit Requirement						5.0 (Max.)	mg/L		Daily; 24 hours	Grab
Coliform, Fecal	Sample Measurement										
PARM Code 74055 A Mon. Site No. EFA-1	Permit Requirement						25 (Max.)	#/100mL		Daily; 24 hours	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

8.F.a

FACILITY: Ormond Beach WRF

MONITORING GROUP R-001

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal, % less than detection	Sample Measurement										
PARM Code 51005 A Mon. Site No. EFA-1	Permit Requirement				75 (Min.Mo.Total)			percent		Daily; 24 hours	Calculated
pH	Sample Measurement										
PARM Code 00400 A Mon. Site No. EFA-1	Permit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.		Continuous	Meter
Chlorine, Total Residual (For Disinfection)	Sample Measurement										
PARM Code 50060 A Mon. Site No. EFA-1	Permit Requirement				1.0 (Min.)			mg/L		Continuous	Meter
Turbidity	Sample Measurement										
PARM Code 00070 B Mon. Site No. EFB-1	Permit Requirement						Report (Max.)	NTU		Continuous	Meter
Flow (Ground Water from Hunters Ridge Well)	Sample Measurement										
PARM Code 50050 P Mon. Site No. FLW-7	Permit Requirement		Report (An.Avg.)	MGD						Continuous	Flow Totalizer
Flow (Ground Water from Hunters Ridge Well)	Sample Measurement										
PARM Code 50050 Q Mon. Site No. FLW-7	Permit Requirement		Report (Mo.Avg.)	MGD						Continuous	Flow Totalizer
Flow (Ground Water from Breakaway Trails Well)	Sample Measurement										
PARM Code 50050 R Mon. Site No. FLW-7	Permit Requirement		Report (An.Avg.)	MGD						Continuous	Flow Totalizer
Flow (Ground Water from Breakaway Trails Well)	Sample Measurement										
PARM Code 50050 S Mon. Site No. FLW-7	Permit Requirement		Report (Mo.Avg.)	MGD						Continuous	Flow Totalizer
Flow (Concentrate)	Sample Measurement										
PARM Code 50050 T Mon. Site No. FLW-3	Permit Requirement		1.0 (An.Avg.)	MGD						Continuous	Meter
Flow (Concentrate)	Sample Measurement										
PARM Code 50050 U Mon. Site No. FLW-3	Permit Requirement		Report (Mo.Avg.)	MGD						Continuous	Meter

ISSUANCE/REISSUANCE DATE:

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DEP Form 62-620.910(10), Effective

Packet Pg. 726

DISCHARGE MONITORING REPORT - PART A (Continued)

8.F.a

FACILITY: Ormond Beach WRF

MONITORING GROUP R-001

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Total	Sample Measurement										
PARM Code 00600 Y Mon. Site No. EFA-1	Permit Requirement				Report (An.Avg.)			mg/L		Weekly	24-hr FPC
Nitrogen, Total	Sample Measurement										
PARM Code 00600 A Mon. Site No. EFA-1	Permit Requirement					Report (Mo.Avg.)		mg/L		Weekly	24-hr FPC
Solids, Total Suspended (Blend)	Sample Measurement										
PARM Code 00530 P Mon. Site No. OTH-1	Permit Requirement					Report (Max.)		mg/L		Weekly	Grab
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 Y Mon. Site No. EFA-1	Permit Requirement				Report (An.Avg.)			mg/L		Weekly	24-hr FPC
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 A Mon. Site No. EFA-1	Permit Requirement					Report (Mo.Avg.)		mg/L		Weekly	24-hr FPC
pH (Blend)	Sample Measurement										
PARM Code 00400 P Mon. Site No. OTH-1	Permit Requirement				Report (Min.)		Report (Max.)	s.u.		Weekly	Grab
Specific Conductance (Blend)	Sample Measurement										
PARM Code 00095 P Mon. Site No. OTH-1	Permit Requirement						Report (Max.)	umhos/cm		Continuous	Meter
Fluoride, Total (as F) (Blend)	Sample Measurement										
PARM Code 00951 P Mon. Site No. OTH-1	Permit Requirement						Report (Max.)	mg/L		Weekly	Grab
Blend Ratio (1:2.5 Max Concentrate:Reclaimed)	Sample Measurement										
PARM Code 51133 P Mon. Site No. CAL-2	Permit Requirement					0.40 (Max.)		ratio		Continuous	Calculated
Sodium Adsorption Ratio (Blend)	Sample Measurement										
PARM Code 00931 P Mon. Site No. OTH-1	Permit Requirement						Report (Max.)	ratio		Weekly	Calculated

ISSUANCE/REISSUANCE DATE:

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DEP Form 62-620.910(10), Effective

Packet Pg. 727

DISCHARGE MONITORING REPORT - PART A (Continued)

8.F.a

FACILITY: Ormond Beach WRF

MONITORING GROUP R-001

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Sodium, Total Recoverable (Blend)	Sample Measurement										
PARM Code 00923 P Mon. Site No. OTH-1	Permit Requirement					Report (Max.)	mg/L			Weekly	Grab
Magnesium, Total Recoverable (Blend)	Sample Measurement										
PARM Code 00921 P Mon. Site No. OTH-1	Permit Requirement					Report (Max.)	mg/L			Weekly	Grab
Calcium, Total Recoverable (Blend)	Sample Measurement										
PARM Code 00918 P Mon. Site No. OTH-1	Permit Requirement					Report (Max.)	mg/L			Weekly	Grab
Chloride (as Cl) (Blend)	Sample Measurement										
PARM Code 00940 P Mon. Site No. OTH-1	Permit Requirement					Report (Max.)	mg/L			Weekly	Grab
Solids, Total Dissolved (TDS) (Blend)	Sample Measurement										
PARM Code 70295 P Mon. Site No. OTH-1	Permit Requirement					Report (Max.)	mg/L			Weekly	Grab
Flow (total through plant)	Sample Measurement										
PARM Code 50050 G Mon. Site No. INF-1	Permit Requirement		8.0 (An.Avg.)	MGD						Continuous	Flow Totalizer
Flow (total through plant)	Sample Measurement										
PARM Code 50050 V Mon. Site No. INF-1	Permit Requirement	Report (Qt.Avg.)	Report (Mo.Avg.)	MGD						Continuous	Flow Totalizer
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement										
PARM Code 00180 G Mon. Site No. INF-1	Permit Requirement					Report (Mo.Avg.)	percent			Monthly	Calculated
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement										
PARM Code 80082 G Mon. Site No. INF-2	Permit Requirement					Report (Max.)	mg/L			5 Days/Week	24-hr FPC
Solids, Total Suspended (Influent)	Sample Measurement										
PARM Code 00530 G Mon. Site No. INF-2	Permit Requirement					Report (Max.)	mg/L			5 Days/Week	24-hr FPC

ISSUANCE/REISSUANCE DATE:

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DEP Form 62-620.910(10), Effective

Packet Pg. 728

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

8.F.a

When Completed submit this report to: <http://www.fldepportal.com/go/>

PERMITTEE NAME: Ormond Beach, City of
MAILING ADDRESS: 22 S Beach St
Ormond Beach, Florida 32174- 6386

PERMIT NUMBER: FL0020532-023-DW1P

LIMIT: Final
CLASS SIZE: MA
MONITORING GROUP NUMBER: R-001
MONITORING GROUP DESCRIPTION: Public Access Reuse

REPORT FREQUENCY: Quarterly
PROGRAM: Domestic

FACILITY: Ormond Beach WRF
LOCATION: 550 N Orchard St
Ormond Beach, FL 32174-9512

RE-SUBMITTED DMR: ☐
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____

COUNTY: Volusia
OFFICE: Central District

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal (Ground Water from Hunters Ridge Well)	Sample Measurement										
PARM Code 74055 P Mon. Site No. OTH-2	Permit Requirement					Report (Max.)	#/100mL			Quarterly	Grab
Coliform, Fecal (Ground Water from Breakaway Trails Well)	Sample Measurement										
PARM Code 74055 Q Mon. Site No. OTH-3	Permit Requirement					Report (Max.)	#/100mL			Quarterly	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

8.F.a

When Completed submit this report to: <http://www.fldepportal.com/go/>

PERMITTEE NAME: Ormond Beach, City of
MAILING ADDRESS: 22 S Beach St
Ormond Beach, Florida 32174- 6386

FACILITY: Ormond Beach WRF
LOCATION: 550 N Orchard St
Ormond Beach, FL 32174-9512

COUNTY: Volusia
OFFICE: Central District

PERMIT NUMBER: FL0020532-023-DW1P

LIMIT: Final
CLASS SIZE: MA
MONITORING GROUP NUMBER: RMP-Q
MONITORING GROUP DESCRIPTION: Biosolids Quantity

REPORT FREQUENCY: Monthly
PROGRAM: Domestic

RE-SUBMITTED DMR: ☐
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Quantity (Transferred)	Sample Measurement										
PARM Code B0007 + Mon. Site No. RMP-1	Permit Requirement		Report (Mo.Total)	dry tons						Monthly	Calculated
Biosolids Quantity (Landfilled)	Sample Measurement										
PARM Code B0008 + Mon. Site No. RMP-1	Permit Requirement		Report (Mo.Total)	dry tons						Monthly	Calculated

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

8.F.a

When Completed submit this report to: <http://www.fldeportal.com/go/>

PERMITTEE NAME: Ormond Beach, City of
 MAILING ADDRESS: 22 S Beach St
 Ormond Beach, Florida 32174- 6386

PERMIT NUMBER: FL0020532-023-DW1P

LIMIT: Final
 CLASS SIZE: MA
 MONITORING GROUP NUMBER: PRT-I
 MONITORING GROUP DESCRIPTION: Influent Pretreatment

REPORT FREQUENCY: Annually
 PROGRAM: Domestic

FACILITY: Ormond Beach WRF
 LOCATION: 550 N Orchard St
 Ormond Beach, FL 32174-9512

RE-SUBMITTED DMR: ☐
 NO DISCHARGE FROM SITE: ☐
 MONITORING PERIOD From: _____ To: _____

COUNTY: Volusia
 OFFICE: Central District

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
pH	Sample Measurement										
PARM Code 00400 G Mon. Site No. PRT-I	Permit Requirement				Report (Min.)		Report (Max.)	s.u.		Annually	Grab
Oil and Grease, hexane extr method	Sample Measurement										
PARM Code 00552 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	mg/L		Annually	Grab
Benzene	Sample Measurement										
PARM Code 34030 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L		Annually	Grab
Bromoform	Sample Measurement										
PARM Code 32104 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L		Annually	Grab
Carbon tetrachloride	Sample Measurement										
PARM Code 32102 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L		Annually	Grab
Chlorobenzene	Sample Measurement										
PARM Code 34301 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L		Annually	Grab

*FOR THOSE PARAMETERS THAT ARE SAMPLED ANNUALLY, THE MAXIMUM AND AVERAGE CONCENTRATIONS ARE EQUIVALENT AND SHALL BE REPORTED AS SUCH ON THE DMR.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

8.F.a

FACILITY: Ormond Beach WRF

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Chlorodibromomethane	Sample Measurement										
PARM Code 34306 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
Chloroethane	Sample Measurement										
PARM Code 85811 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
2-chloroethyl vinyl ether (mixed)	Sample Measurement										
PARM Code 34576 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
Chloroform	Sample Measurement										
PARM Code 32106 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
Dichlorobromomethane	Sample Measurement										
PARM Code 32101 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
1,2-dichlorobenzene	Sample Measurement										
PARM Code 34536 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
1,3-dichlorobenzene	Sample Measurement										
PARM Code 34566 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
1,4-dichlorobenzene	Sample Measurement										
PARM Code 34571 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
1,1-dichloroethane	Sample Measurement										
PARM Code 34496 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
1,2-dichloroethane	Sample Measurement										
PARM Code 32103 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab

ISSUANCE/REISSUANCE DATE:

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DEP Form 62-620.910(10), Effective

Packet Pg. 732

DISCHARGE MONITORING REPORT - PART A (Continued)

8.F.a

FACILITY: Ormond Beach WRF

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
1,1-dichloroethylene	Sample Measurement										
PARM Code 34501 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
1,2-dichloropropane	Sample Measurement										
PARM Code 34541 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
1,3-dichloropropene	Sample Measurement										
PARM Code 77163 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
Ethylbenzene	Sample Measurement										
PARM Code 34371 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
Methyl bromide	Sample Measurement										
PARM Code 34413 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
Methyl chloride	Sample Measurement										
PARM Code 34418 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
Methylene chloride	Sample Measurement										
PARM Code 34423 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
1,1,2,2-tetrachloroethane	Sample Measurement										
PARM Code 34516 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
Tetrachloroethylene	Sample Measurement										
PARM Code 34475 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
Toluene	Sample Measurement										
PARM Code 34010 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab

ISSUANCE/REISSUANCE DATE:

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DEP Form 62-620.910(10), Effective

Packet Pg. 733

DISCHARGE MONITORING REPORT - PART A (Continued)

8.F.a

FACILITY: Ormond Beach WRF

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
1,2-trans-dichloroethylene	Sample Measurement										
PARM Code 34546 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
1,1,1-trichloroethane	Sample Measurement										
PARM Code 34506 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
1,1,2-trichloroethane	Sample Measurement										
PARM Code 34511 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
Trichloroethylene	Sample Measurement										
PARM Code 39180 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
Vinyl chloride	Sample Measurement										
PARM Code 39175 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
2-chlorophenol	Sample Measurement										
PARM Code 34586 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
2,4-dichlorophenol	Sample Measurement										
PARM Code 34601 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
2,4-dimethylphenol	Sample Measurement										
PARM Code 34606 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
4,6-dinitro-o-cresol	Sample Measurement										
PARM Code 34657 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
2,4-dinitrophenol	Sample Measurement										
PARM Code 34616 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC

ISSUANCE/REISSUANCE DATE:

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DEP Form 62-620.910(10), Effective

Packet Pg. 734

DISCHARGE MONITORING REPORT - PART A (Continued)

8.F.a

FACILITY: Ormond Beach WRF

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
2-nitrophenol	Sample Measurement										
PARM Code 34591 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
4-nitrophenol	Sample Measurement										
PARM Code 34646 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
p-chloro-m-cresol	Sample Measurement										
PARM Code 82627 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Pentachlorophenol	Sample Measurement										
PARM Code 39032 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Phenol, Single Compound	Sample Measurement										
PARM Code 34694 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
2,4,6-trichlorophenol	Sample Measurement										
PARM Code 34621 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Acenaphthene	Sample Measurement										
PARM Code 34205 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Acenaphthylene	Sample Measurement										
PARM Code 34200 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Anthracene	Sample Measurement										
PARM Code 34220 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Benzidine	Sample Measurement										
PARM Code 39120 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC

ISSUANCE/REISSUANCE DATE:

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DEP Form 62-620.910(10), Effective

Packet Pg. 735

DISCHARGE MONITORING REPORT - PART A (Continued)

8.F.a

FACILITY: Ormond Beach WRF

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Benzo(a)anthracene	Sample Measurement										
PARM Code 34526 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Benzo(a)pyrene	Sample Measurement										
PARM Code 34247 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Benzo(b)fluoranthene (3,4-benzo)	Sample Measurement										
PARM Code 79531 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Benzo(ghi)perylene	Sample Measurement										
PARM Code 34521 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Benzo(k)fluoranthene	Sample Measurement										
PARM Code 34242 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Bis (2-chloroethoxy) methane	Sample Measurement										
PARM Code 34278 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Bis (2-chloroethyl) ether	Sample Measurement										
PARM Code 34273 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Bis (2-chloroisopropyl) ether	Sample Measurement										
PARM Code 34283 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Bis (2-ethylhexyl) phthalate	Sample Measurement										
PARM Code 39100 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
4-bromophenyl phenyl ether	Sample Measurement										
PARM Code 34636 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC

ISSUANCE/REISSUANCE DATE:

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DEP Form 62-620.910(10), Effective

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DISCHARGE MONITORING REPORT - PART A (Continued)

8.F.a

FACILITY: Ormond Beach WRF

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Butyl benzyl phthalate	Sample Measurement										
PARM Code 34292 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
2-chloronaphthalene	Sample Measurement										
PARM Code 34581 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
4-chlorophenyl phenyl ether	Sample Measurement										
PARM Code 34641 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Chrysene	Sample Measurement										
PARM Code 34320 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Dibenzo (a,h) anthracene	Sample Measurement										
PARM Code 34556 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
3,3'-dichlorobenzidine	Sample Measurement										
PARM Code 34631 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Diethyl phthalate	Sample Measurement										
PARM Code 34336 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Dimethyl phthalate	Sample Measurement										
PARM Code 34341 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Di-n-butyl phthalate	Sample Measurement										
PARM Code 39110 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
2,4-dinitrotoluene	Sample Measurement										
PARM Code 34611 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC

ISSUANCE/REISSUANCE DATE:

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DEP Form 62-620.910(10), Effective

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DISCHARGE MONITORING REPORT - PART A (Continued)

8.F.a

FACILITY: Ormond Beach WRF

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
2,6-dinitrotoluene	Sample Measurement										
PARM Code 34626 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Di-n-octyl phthalate	Sample Measurement										
PARM Code 34596 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
1,2-diphenylhydrazine	Sample Measurement										
PARM Code 34346 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Fluoranthene	Sample Measurement										
PARM Code 34376 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Fluorene	Sample Measurement										
PARM Code 34381 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Hexachlorobenzene	Sample Measurement										
PARM Code 39700 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Hexachlorobutadiene	Sample Measurement										
PARM Code 39702 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Hexachlorocyclopentadiene	Sample Measurement										
PARM Code 34386 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Hexachloroethane	Sample Measurement										
PARM Code 34396 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Indeno (1,2,3-Cd) pyrene	Sample Measurement										
PARM Code 34403 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC

ISSUANCE/REISSUANCE DATE:

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

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DISCHARGE MONITORING REPORT - PART A (Continued)

8.F.a

FACILITY: Ormond Beach WRF

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Isophorone	Sample Measurement										
PARM Code 34408 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Naphthalene	Sample Measurement										
PARM Code 34696 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Nitrobenzene	Sample Measurement										
PARM Code 34447 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
N-nitrosodimethylamine	Sample Measurement										
PARM Code 34438 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
N-nitrosodi-n-propylamine	Sample Measurement										
PARM Code 34428 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
N-nitrosodiphenylamine	Sample Measurement										
PARM Code 34433 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Phenanthrene	Sample Measurement										
PARM Code 34461 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Pyrene	Sample Measurement										
PARM Code 34469 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
1,2,4-trichlorobenzene	Sample Measurement										
PARM Code 34551 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Aldrin	Sample Measurement										
PARM Code 39330 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC

ISSUANCE/REISSUANCE DATE:

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

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DISCHARGE MONITORING REPORT - PART A (Continued)

8.F.a

FACILITY: Ormond Beach WRF

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Alpha-bhc	Sample Measurement										
PARM Code 39336 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
B-bhc-beta	Sample Measurement										
PARM Code 39338 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Gamma BHC (Lindane)	Sample Measurement										
PARM Code 39782 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Delta benzene hexachloride	Sample Measurement										
PARM Code 34259 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Chlordane (tech mix. and metabolites)	Sample Measurement										
PARM Code 39350 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
4,4'-DDT (p,p'-DDT)	Sample Measurement										
PARM Code 39300 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
4,4'-DDE (p,p'-DDE)	Sample Measurement										
PARM Code 39320 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
4,4'-DDD (p,p'-DDD)	Sample Measurement										
PARM Code 39310 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Dieldrin	Sample Measurement										
PARM Code 39380 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
A-endosulfan-alpha	Sample Measurement										
PARM Code 34361 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC

ISSUANCE/REISSUANCE DATE:

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

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DISCHARGE MONITORING REPORT - PART A (Continued)

8.F.a

FACILITY: Ormond Beach WRF

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
B-endosulfan-beta	Sample Measurement										
PARM Code 34356 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Endosulfan sulfate	Sample Measurement										
PARM Code 34351 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Endrin	Sample Measurement										
PARM Code 39390 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Endrin aldehyde	Sample Measurement										
PARM Code 34366 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Heptachlor	Sample Measurement										
PARM Code 39410 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Heptachlor epoxide	Sample Measurement										
PARM Code 39420 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
PCB-1242	Sample Measurement										
PARM Code 39496 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
PCB-1254	Sample Measurement										
PARM Code 39504 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
PCB-1221	Sample Measurement										
PARM Code 39488 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
PCB-1232	Sample Measurement										
PARM Code 39492 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC

ISSUANCE/REISSUANCE DATE:

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

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DISCHARGE MONITORING REPORT - PART A (Continued)

8.F.a

FACILITY: Ormond Beach WRF

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
PCB-1248	Sample Measurement										
PARM Code 39500 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
PCB-1260	Sample Measurement										
PARM Code 39508 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
PCB-1016	Sample Measurement										
PARM Code 34671 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Toxaphene	Sample Measurement										
PARM Code 39400 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Antimony, Total Recoverable	Sample Measurement										
PARM Code 01268 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Arsenic, Total Recoverable	Sample Measurement										
PARM Code 00978 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Beryllium, Total Recoverable	Sample Measurement										
PARM Code 00998 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Cadmium, Total Recoverable	Sample Measurement										
PARM Code 01113 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Chromium, Total Recoverable	Sample Measurement										
PARM Code 01118 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Copper, Total Recoverable	Sample Measurement										
PARM Code 01119 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC

ISSUANCE/REISSUANCE DATE:

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

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DISCHARGE MONITORING REPORT - PART A (Continued)

8.F.a

FACILITY: Ormond Beach WRF

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Lead, Total Recoverable	Sample Measurement										
PARM Code 01114 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Mercury, Total Recoverable	Sample Measurement										
PARM Code 71901 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
Nickel, Total Recoverable	Sample Measurement										
PARM Code 01074 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Selenium, Total Recoverable	Sample Measurement										
PARM Code 00981 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Silver, Total Recoverable	Sample Measurement										
PARM Code 01079 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Thallium, Total Recoverable	Sample Measurement										
PARM Code 00982 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Zinc, Total Recoverable	Sample Measurement										
PARM Code 01094 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Cyanide, Total Recoverable	Sample Measurement										
PARM Code 78248 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
Phenolic Compounds, Total Recoverable	Sample Measurement										
PARM Code 70029 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab

ISSUANCE/REISSUANCE DATE:

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DEP Form 62-620.910(10), Effective

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DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

8.F.a

When Completed submit this report to: <http://www.fldeportal.com/go/>

PERMITTEE NAME: Ormond Beach, City of
 MAILING ADDRESS: 22 S Beach St
 Ormond Beach, Florida 32174- 6386

PERMIT NUMBER: FL0020532-023-DW1P

LIMIT: Final
 CLASS SIZE: MA
 MONITORING GROUP NUMBER: PRT-E
 MONITORING GROUP DESCRIPTION: Effluent Pretreatment

REPORT FREQUENCY: Annually
 PROGRAM: Domestic

FACILITY: Ormond Beach WRF
 LOCATION: 550 N Orchard St
 Ormond Beach, FL 32174-9512

RE-SUBMITTED DMR: ☐
 NO DISCHARGE FROM SITE: ☐
 MONITORING PERIOD From: _____ To: _____

COUNTY: Volusia
 OFFICE: Central District

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
pH	Sample Measurement										
PARM Code 00400 1 Mon. Site No. PRT-E	Permit Requirement				Report (Min.)		Report (Max.)	s.u.		Annually	Grab
Oil and Grease, hexane extr method	Sample Measurement										
PARM Code 00552 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	mg/L		Annually	Grab
Benzene	Sample Measurement										
PARM Code 34030 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L		Annually	Grab
Bromoform	Sample Measurement										
PARM Code 32104 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L		Annually	Grab
Carbon tetrachloride	Sample Measurement										
PARM Code 32102 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L		Annually	Grab
Chlorobenzene	Sample Measurement										
PARM Code 34301 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L		Annually	Grab

*FOR THOSE PARAMETERS THAT ARE SAMPLED ANNUALLY, THE MAXIMUM AND AVERAGE CONCENTRATIONS ARE EQUIVALENT AND SHALL BE REPORTED AS SUCH ON THE DMR.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

ISSUANCE/REISSUANCE DATE:
 DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DEP Form 62-620.910(10), Effective

Packet Pg. 744

DISCHARGE MONITORING REPORT - PART A (Continued)

8.F.a

FACILITY: Ormond Beach WRF

MONITORING GROUP

PRT-E

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Chlorodibromomethane	Sample Measurement										
PARM Code 34306 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
Chloroethane	Sample Measurement										
PARM Code 85811 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
2-chloroethyl vinyl ether (mixed)	Sample Measurement										
PARM Code 34576 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
Chloroform	Sample Measurement										
PARM Code 32106 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
Dichlorobromomethane	Sample Measurement										
PARM Code 32101 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
1,2-dichlorobenzene	Sample Measurement										
PARM Code 34536 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
1,3-dichlorobenzene	Sample Measurement										
PARM Code 34566 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
1,4-dichlorobenzene	Sample Measurement										
PARM Code 34571 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
1,1-dichloroethane	Sample Measurement										
PARM Code 34496 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
1,2-dichloroethane	Sample Measurement										
PARM Code 32103 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab

ISSUANCE/REISSUANCE DATE:

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

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DISCHARGE MONITORING REPORT - PART A (Continued)

8.F.a

FACILITY: Ormond Beach WRF

MONITORING GROUP

PRT-E

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
1,1-dichloroethylene	Sample Measurement										
PARM Code 34501 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
1,2-dichloropropane	Sample Measurement										
PARM Code 34541 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
1,3-dichloropropene	Sample Measurement										
PARM Code 77163 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
Ethylbenzene	Sample Measurement										
PARM Code 34371 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
Methyl bromide	Sample Measurement										
PARM Code 34413 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
Methyl chloride	Sample Measurement										
PARM Code 34418 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
Methylene chloride	Sample Measurement										
PARM Code 34423 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
1,1,2,2-tetrachloroethane	Sample Measurement										
PARM Code 34516 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
Tetrachloroethylene	Sample Measurement										
PARM Code 34475 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
Toluene	Sample Measurement										
PARM Code 34010 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab

ISSUANCE/REISSUANCE DATE:

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

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DISCHARGE MONITORING REPORT - PART A (Continued)

8.F.a

FACILITY: Ormond Beach WRF

MONITORING GROUP

PRT-E

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
1,2-trans-dichloroethylene	Sample Measurement										
PARM Code 34546 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
1,1,1-trichloroethane	Sample Measurement										
PARM Code 34506 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
1,1,2-trichloroethane	Sample Measurement										
PARM Code 34511 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
Trichloroethylene	Sample Measurement										
PARM Code 39180 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
Vinyl chloride	Sample Measurement										
PARM Code 39175 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
2-chlorophenol	Sample Measurement										
PARM Code 34586 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
2,4-dichlorophenol	Sample Measurement										
PARM Code 34601 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
2,4-dimethylphenol	Sample Measurement										
PARM Code 34606 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
4,6-dinitro-o-cresol	Sample Measurement										
PARM Code 34657 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
2,4-dinitrophenol	Sample Measurement										
PARM Code 34616 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC

ISSUANCE/REISSUANCE DATE:

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

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DISCHARGE MONITORING REPORT - PART A (Continued)

8.F.a

FACILITY: Ormond Beach WRF

MONITORING GROUP

PRT-E

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
2-nitrophenol	Sample Measurement										
PARM Code 34591 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
4-nitrophenol	Sample Measurement										
PARM Code 34646 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
p-chloro-m-cresol	Sample Measurement										
PARM Code 82627 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Pentachlorophenol	Sample Measurement										
PARM Code 39032 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Phenol, Single Compound	Sample Measurement										
PARM Code 34694 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
2,4,6-trichlorophenol	Sample Measurement										
PARM Code 34621 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Acenaphthene	Sample Measurement										
PARM Code 34205 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Acenaphthylene	Sample Measurement										
PARM Code 34200 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Anthracene	Sample Measurement										
PARM Code 34220 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Benzidine	Sample Measurement										
PARM Code 39120 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC

ISSUANCE/REISSUANCE DATE:

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

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DISCHARGE MONITORING REPORT - PART A (Continued)

8.F.a

FACILITY: Ormond Beach WRF

MONITORING GROUP

PRT-E

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Benzo(a)anthracene	Sample Measurement										
PARM Code 34526 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Benzo(a)pyrene	Sample Measurement										
PARM Code 34247 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Benzo(b)fluoranthene (3,4-benzo)	Sample Measurement										
PARM Code 79531 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Benzo(ghi)perylene	Sample Measurement										
PARM Code 34521 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Benzo(k)fluoranthene	Sample Measurement										
PARM Code 34242 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Bis (2-chloroethoxy) methane	Sample Measurement										
PARM Code 34278 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Bis (2-chloroethyl) ether	Sample Measurement										
PARM Code 34273 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Bis (2-chloroisopropyl) ether	Sample Measurement										
PARM Code 34283 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Bis (2-ethylhexyl) phthalate	Sample Measurement										
PARM Code 39100 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
4-bromophenyl phenyl ether	Sample Measurement										
PARM Code 34636 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC

ISSUANCE/REISSUANCE DATE:

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

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DISCHARGE MONITORING REPORT - PART A (Continued)

8.F.a

FACILITY: Ormond Beach WRF

MONITORING GROUP

PRT-E

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Butyl benzyl phthalate	Sample Measurement										
PARM Code 34292 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
2-chloronaphthalene	Sample Measurement										
PARM Code 34581 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
4-chlorophenyl phenyl ether	Sample Measurement										
PARM Code 34641 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Chrysene	Sample Measurement										
PARM Code 34320 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Dibenzo (a,h) anthracene	Sample Measurement										
PARM Code 34556 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
3,3'-dichlorobenzidine	Sample Measurement										
PARM Code 34631 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Diethyl phthalate	Sample Measurement										
PARM Code 34336 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Dimethyl phthalate	Sample Measurement										
PARM Code 34341 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Di-n-butyl phthalate	Sample Measurement										
PARM Code 39110 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
2,4-dinitrotoluene	Sample Measurement										
PARM Code 34611 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC

ISSUANCE/REISSUANCE DATE:

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

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DISCHARGE MONITORING REPORT - PART A (Continued)

8.F.a

FACILITY: Ormond Beach WRF

MONITORING GROUP

PRT-E

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
2,6-dinitrotoluene	Sample Measurement										
PARM Code 34626 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Di-n-octyl phthalate	Sample Measurement										
PARM Code 34596 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
1,2-diphenylhydrazine	Sample Measurement										
PARM Code 34346 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Fluoranthene	Sample Measurement										
PARM Code 34376 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Fluorene	Sample Measurement										
PARM Code 34381 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Hexachlorobenzene	Sample Measurement										
PARM Code 39700 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Hexachlorobutadiene	Sample Measurement										
PARM Code 39702 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Hexachlorocyclopentadiene	Sample Measurement										
PARM Code 34386 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Hexachloroethane	Sample Measurement										
PARM Code 34396 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Indeno (1,2,3-Cd) pyrene	Sample Measurement										
PARM Code 34403 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC

ISSUANCE/REISSUANCE DATE:

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

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DISCHARGE MONITORING REPORT - PART A (Continued)

8.F.a

FACILITY: Ormond Beach WRF

MONITORING GROUP

PRT-E

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Isophorone	Sample Measurement										
PARM Code 34408 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Naphthalene	Sample Measurement										
PARM Code 34696 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Nitrobenzene	Sample Measurement										
PARM Code 34447 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
N-nitrosodimethylamine	Sample Measurement										
PARM Code 34438 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
N-nitrosodi-n-propylamine	Sample Measurement										
PARM Code 34428 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
N-nitrosodiphenylamine	Sample Measurement										
PARM Code 34433 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Phenanthrene	Sample Measurement										
PARM Code 34461 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Pyrene	Sample Measurement										
PARM Code 34469 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
1,2,4-trichlorobenzene	Sample Measurement										
PARM Code 34551 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Aldrin	Sample Measurement										
PARM Code 39330 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC

ISSUANCE/REISSUANCE DATE:

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

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DISCHARGE MONITORING REPORT - PART A (Continued)

8.F.a

FACILITY: Ormond Beach WRF

MONITORING GROUP

PRT-E

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Alpha-bhc	Sample Measurement										
PARM Code 39336 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
B-bhc-beta	Sample Measurement										
PARM Code 39338 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Gamma BHC (Lindane)	Sample Measurement										
PARM Code 39782 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Delta benzene hexachloride	Sample Measurement										
PARM Code 34259 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Chlordane (tech mix. and metabolites)	Sample Measurement										
PARM Code 39350 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
4,4'-DDT (p,p'-DDT)	Sample Measurement										
PARM Code 39300 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
4,4'-DDE (p,p'-DDE)	Sample Measurement										
PARM Code 39320 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
4,4'-DDD (p,p'-DDD)	Sample Measurement										
PARM Code 39310 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Dieldrin	Sample Measurement										
PARM Code 39380 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
A-endosulfan-alpha	Sample Measurement										
PARM Code 34361 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC

ISSUANCE/REISSUANCE DATE:

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

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DISCHARGE MONITORING REPORT - PART A (Continued)

8.F.a

FACILITY: Ormond Beach WRF

MONITORING GROUP

PRT-E

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
B-endosulfan-beta	Sample Measurement										
PARM Code 34356 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Endosulfan sulfate	Sample Measurement										
PARM Code 34351 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Endrin	Sample Measurement										
PARM Code 39390 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Endrin aldehyde	Sample Measurement										
PARM Code 34366 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Heptachlor	Sample Measurement										
PARM Code 39410 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Heptachlor epoxide	Sample Measurement										
PARM Code 39420 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
PCB-1242	Sample Measurement										
PARM Code 39496 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
PCB-1254	Sample Measurement										
PARM Code 39504 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
PCB-1221	Sample Measurement										
PARM Code 39488 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
PCB-1232	Sample Measurement										
PARM Code 39492 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC

ISSUANCE/REISSUANCE DATE:

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

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DISCHARGE MONITORING REPORT - PART A (Continued)

8.F.a

FACILITY: Ormond Beach WRF

MONITORING GROUP

PRT-E

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
PCB-1248	Sample Measurement										
PARM Code 39500 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
PCB-1260	Sample Measurement										
PARM Code 39508 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
PCB-1016	Sample Measurement										
PARM Code 34671 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Toxaphene	Sample Measurement										
PARM Code 39400 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Antimony, Total Recoverable	Sample Measurement										
PARM Code 01268 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Arsenic, Total Recoverable	Sample Measurement										
PARM Code 00978 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Beryllium, Total Recoverable	Sample Measurement										
PARM Code 00998 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Cadmium, Total Recoverable	Sample Measurement										
PARM Code 01113 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Chromium, Total Recoverable	Sample Measurement										
PARM Code 01118 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Copper, Total Recoverable	Sample Measurement										
PARM Code 01119 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC

ISSUANCE/REISSUANCE DATE:

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

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DISCHARGE MONITORING REPORT - PART A (Continued)

8.F.a

FACILITY: Ormond Beach WRF

MONITORING GROUP

PRT-E

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Lead, Total Recoverable	Sample Measurement										
PARM Code 01114 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Mercury, Total Recoverable	Sample Measurement										
PARM Code 71901 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
Nickel, Total Recoverable	Sample Measurement										
PARM Code 01074 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Selenium, Total Recoverable	Sample Measurement										
PARM Code 00981 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Silver, Total Recoverable	Sample Measurement										
PARM Code 01079 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Thallium, Total Recoverable	Sample Measurement										
PARM Code 00982 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Zinc, Total Recoverable	Sample Measurement										
PARM Code 01094 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	24-hr FPC
Cyanide, Total Recoverable	Sample Measurement										
PARM Code 78248 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab
Phenolic Compounds, Total Recoverable	Sample Measurement										
PARM Code 70029 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)	ug/L			Annually	Grab

ISSUANCE/REISSUANCE DATE:

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DEP Form 62-620.910(10), Effective

Packet Pg. 756

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

8.F.a

When Completed submit this report to: <http://www.fldeportal.com/go/>

PERMITTEE NAME: Ormond Beach, City of
MAILING ADDRESS: 22 S Beach St
Ormond Beach, Florida 32174- 6386

PERMIT NUMBER: FL0020532-023-DW1P

LIMIT: Final
CLASS SIZE: MA
MONITORING GROUP NUMBER: PRT-R
MONITORING GROUP DESCRIPTION: Residuals Pretreatment

REPORT FREQUENCY: Annually
PROGRAM: Domestic

FACILITY: Ormond Beach WRF
LOCATION: 550 N Orchard St
Ormond Beach, FL 32174-9512

RE-SUBMITTED DMR: ☐
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____

COUNTY: Volusia
OFFICE: Central District

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Arsenic Total, Dry Weight, Sludge	Sample Measurement										
PARM Code 49565 + Mon. Site No. PRT-R	Permit Requirement				Report (An.Avg.)	Report (Max.)		mg/kg		Annually	Composite
Cadmium, Sludge, Tot. Dry Wt. (Cd)	Sample Measurement										
PARM Code 78476 + Mon. Site No. PRT-R	Permit Requirement				Report (An.Avg.)	Report (Max.)		mg/kg		Annually	Composite
Copper, Sludge, Tot. Dry Wt. (as Cu)	Sample Measurement										
PARM Code 78475 + Mon. Site No. PRT-R	Permit Requirement				Report (An.Avg.)	Report (Max.)		mg/kg		Annually	Composite
Lead, Dry Weight	Sample Measurement										
PARM Code 78468 + Mon. Site No. PRT-R	Permit Requirement				Report (An.Avg.)	Report (Max.)		mg/kg		Annually	Composite
Mercury, Dry Weight	Sample Measurement										
PARM Code 78471 + Mon. Site No. PRT-R	Permit Requirement				Report (An.Avg.)	Report (Max.)		mg/kg		Annually	Composite
Molybdenum, Dry Weight	Sample Measurement										
PARM Code 78465 + Mon. Site No. PRT-R	Permit Requirement				Report (An.Avg.)	Report (Max.)		mg/kg		Annually	Composite

*FOR THOSE PARAMETERS THAT ARE SAMPLED ANNUALLY, THE MAXIMUM AND AVERAGE CONCENTRATIONS ARE EQUIVALENT AND SHALL BE REPORTED AS SUCH ON THE DMR.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

ISSUANCE/REISSUANCE DATE:
DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DEP Form 62-620.910(10), Effective

Packet Pg. 757

DISCHARGE MONITORING REPORT - PART A (Continued)

8.F.a

FACILITY: Ormond Beach WRF

MONITORING GROUP

PRT-R

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Nickel, Dry Weight	Sample Measurement										
PARM Code 78469 + Mon. Site No. PRT-R	Permit Requirement				Report (An.Avg.)	Report (Max.)	mg/kg			Annually	Composite
Selenium Sludge Solid	Sample Measurement										
PARM Code 61518 + Mon. Site No. PRT-R	Permit Requirement				Report (An.Avg.)	Report (Max.)	mg/kg			Annually	Composite
Zinc, Dry Weight	Sample Measurement										
PARM Code 78467 + Mon. Site No. PRT-R	Permit Requirement				Report (An.Avg.)	Report (Max.)	mg/kg			Annually	Composite

ISSUANCE/REISSUANCE DATE:

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DEP Form 62-620.910(10), Effective

Packet Pg. 758

DAILY SAMPLE RESULTS - PART B
 Permit Number:
 Monitoring Period

FL0020532-023-DW1P

From: _____ To: _____

Facility: Ormond Beach WRF

	BOD, Carbonaceous 5 day, 20C (Influent) mg/L	BOD, Carbonaceous 5 day, 20C mg/L	BOD, Carbonaceous 5 day, 20C mg/L	Calcium, Total Recoverable (Blend) mg/L	Chloride (as Cl) (Blend) mg/L	Chlorine, Total Residual (For Dechlorination) mg/L	Chlorine, Total Residual (For Disinfection) mg/L	Chlorine, Total Residual (For Disinfection) mg/L	Coliform, Fecal #/100mL	Coliform, Fecal #/100mL	Dichlorobromomethane ug/L
Code	80082	80082	80082	00918	00940	50060	50060	50060	74055	74055	32101
Mon. Site	INF-2	EFA-1	EFD-1	OTH-1	OTH-1	EFD-1	EFA-1	EFA-2	EFA-1	EFA-2	EFD-1
1											
2											
3											
4											
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27											
28											
29											
30											
31											
Total											
Mo. Avg.											

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____

Evening Shift Operator Class: _____ Certificate No: _____ Name: _____

Night Shift Operator Class: _____ Certificate No: _____ Name: _____

Lead Operator Class: _____ Certificate No: _____ Name: _____

DAILY SAMPLE RESULTS - PART B
 Permit Number:
 Monitoring Period

FL0020532-023-DW1P

From: _____ To: _____

Facility: Ormond Beach WRF

	Enterococci #/100mL	Flow (Concentrate) MGD	Flow (Ground Water from Breakaway Trails Well) MGD	Flow (total through plant) MGD	Flow MGD	Flow MGD	Flow MGD	Fluoride, Total (as F) (Blend) mg/L	Magnesium, Total Recoverable (Blend) mg/L	Nitrogen, Total mg/L	Nitrogen, Total mg/L
Code	31639	50050	50050	50050	50050	50050	50050	00951	00921	00600	00600
Mon. Site	EFD-1	FLW-3	FLW-7	INF-1	FLW-10	FLW-2	FLW-6	OTH-1	OTH-1	EFA-1	EFD-1
1											
2											
3											
4											
5											
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7											
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28											
29											
30											
31											
Total											
Mo. Avg.											

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____

Evening Shift Operator Class: _____ Certificate No: _____ Name: _____

Night Shift Operator Class: _____ Certificate No: _____ Name: _____

Lead Operator Class: _____ Certificate No: _____ Name: _____

DAILY SAMPLE RESULTS - PART B
 Permit Number:
 Monitoring Period

FL0020532-023-DW1P

From: _____ To: _____

Facility: Ormond Beach WRF

	Oxygen, Dissolved (DO) mg/L	Phosphorus, Total (as P) mg/L	Phosphorus, Total (as P) mg/L	Sodium, Total Recoverable (Blend) mg/L	Solids, Total Dissolved (TDS) (Blend) mg/L	Solids, Total Suspended (Blend) mg/L	Solids, Total Suspended (Influent) mg/L	Solids, Total Suspended mg/L	Solids, Total Suspended mg/L	Specific Conductance (Blend) umhos/cm	Turbidity NTU
Code	00300	00665	00665	00923	70295	00530	00530	00530	00530	00095	00070
Mon. Site	EFD-1	EFA-1	EFD-1	OTH-1	OTH-1	OTH-1	INF-2	EFB-1	EFD-1	OTH-1	EFB-1
1											
2											
3											
4											
5											
6											
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31											
Total											
Mo. Avg.											

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____

Evening Shift Operator Class: _____ Certificate No: _____ Name: _____

Night Shift Operator Class: _____ Certificate No: _____ Name: _____

Lead Operator Class: _____ Certificate No: _____ Name: _____

DAILY SAMPLE RESULTS - PART B
 Permit Number:
 Monitoring Period

FL0020532-023-DW1P

From: _____ To: _____

Facility: Ormond Beach WRF

	pH (Blend) s.u.	pH Min s.u.	pH Max s.u.	pH Min s.u.	pH Max s.u.						
Code	00400	00400	00400	00400	00400						
Mon. Site	OTH-1	EFA-1	EFA-1	EFD-1	EFD-1						
1											
2											
3											
4											
5											
6											
7											
8											
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30											
31											
Total											
Mo. Avg.											

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____

Evening Shift Operator Class: _____ Certificate No: _____ Name: _____

Night Shift Operator Class: _____ Certificate No: _____ Name: _____

Lead Operator Class: _____ Certificate No: _____ Name: _____

GROUNDWATER MONITORING REPORT - PART D

8.F.a

Facility Name: Ormond Beach WRF
 Permit Number: FL0020532-023-DW1P
 County: Volusia

Monitoring Well ID: MWB-1
 Well Type: Background
 Description: Well Name MW-1 Golf Course WAFR 7328
 Report Frequency: Quarterly
 Program: Domestic

Office: Central District

Re-submitted DMR: ☐

Monitoring Period From: _____ To: _____ Date Sample Obtained: _____

Time Sample Obtained: _____

Was the well purged before sampling? ____ Yes ____ No

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	ft	In Situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		Report	mg/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		Report	mg/L	Grab	Quarterly				
Chloride (as Cl)	00940		Report	mg/L	Grab	Quarterly				
Coliform, Fecal	74055		Report	#/100mL	Grab	Quarterly				
pH	00400		Report	s.u.	Grab	Quarterly				
Sulfate, Total	00945		Report	mg/L	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				
Sodium, Total Recoverable	00923		Report	mg/L	Grab	Quarterly				
Trihalomethane, Total by summation	82080		Report	ug/L	Grab	Quarterly				
Bis (2-ethylhexyl) phthalate	39100		Report	mg/L	Grab	Quarterly				

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENTS AND EXPLANATION (Reference all attachments here):

ISSUANCE/REISSUANCE DATE:

DEP Form 62-620.910(10), Effective Nov. 29, 1994

Packet Pg. 763

GROUNDWATER MONITORING REPORT - PART D

8.F.a

Facility Name: Ormond Beach WRF
 Permit Number: FL0020532-023-DW1P
 County: Volusia

Monitoring Well ID: MWC-2
 Well Type: Compliance
 Description: Well Name MW-2 Golf Course WAFR 7327
 3064A16236
 Report Frequency: Quarterly
 Program: Domestic

Office: Central District

Re-submitted DMR: ☐

Monitoring Period From: _____ To: _____ Date Sample Obtained: _____

Time Sample Obtained: _____

Was the well purged before sampling? ___ Yes ___ No

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	ft	In Situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	mg/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100mL	Grab	Quarterly				
pH	00400		6.5-8.5	s.u.	Grab	Quarterly				
Sulfate, Total	00945		250	mg/L	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				
Sodium, Total Recoverable	00923		160	mg/L	Grab	Quarterly				
Trihalomethane, Total by summation	82080		80	ug/L	Grab	Quarterly				
Bis (2-ethylhexyl) phthalate	39100		0.006	mg/L	Grab	Quarterly				

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NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENTS AND EXPLANATION (Reference all attachments here):

ISSUANCE/REISSUANCE DATE:

DEP Form 62-620.910(10), Effective Nov. 29, 1994

Packet Pg. 764

GROUNDWATER MONITORING REPORT - PART D

Facility Name:Ormond Beach WRF

Permit Number:FL0020532-023-DW1P

County:Volusia

Monitoring Well ID:MWC-3A

Well Type:Compliance

Description:Well Name MW-3A
Golf Course WAFR
46550 3064A16237

Report Frequency:Quarterly

Program:Domestic

Office:Central District

Monitoring PeriodFrom: To:

Re-submitted DMR:☐

Date Sample Obtained:

Time Sample Obtained:

Was the well purged before sampling? ___Yes ___ No

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	ft	In Situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	mg/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100mL	Grab	Quarterly				
pH	00400		6.5-8.5	s.u.	Grab	Quarterly				
Sulfate, Total	00945		250	mg/L	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				
Sodium, Total Recoverable	00923		160	mg/L	Grab	Quarterly				
Trihalomethane, Total by summation	82080		80	ug/L	Grab	Quarterly				
Bis (2-ethylhexyl) phthalate	39100		0.006	mg/L	Grab	Quarterly				

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUNDWATER MONITORING REPORT - PART D

8.F.a

Facility Name: Ormond Beach WRF
 Permit Number: FL0020532-023-DW1P
 County: Volusia

Monitoring Well ID: MWC-4
 Well Type: Compliance
 Description: Well Name MW-4 Golf Course WAFR 7325
 3064A16238
 Report Frequency: Quarterly
 Program: Domestic

Office: Central District

Re-submitted DMR: ☐

Monitoring Period From: _____ To: _____ Date Sample Obtained: _____

Time Sample Obtained: _____

Was the well purged before sampling? ___ Yes ___ No

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	ft	In Situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	mg/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100mL	Grab	Quarterly				
pH	00400		6.5-8.5	s.u.	Grab	Quarterly				
Sulfate, Total	00945		250	mg/L	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				
Sodium, Total Recoverable	00923		160	mg/L	Grab	Quarterly				
Trihalomethane, Total by summation	82080		80	ug/L	Grab	Quarterly				
Bis (2-ethylhexyl) phthalate	39100		0.006	mg/L	Grab	Quarterly				

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NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENTS AND EXPLANATION (Reference all attachments here):

ISSUANCE/REISSUANCE DATE:

DEP Form 62-620.910(10), Effective Nov. 29, 1994

Packet Pg. 766

GROUNDWATER MONITORING REPORT - PART D

Facility Name:Ormond Beach WRF

Permit Number:FL0020532-023-DW1P

County:Volusia

Monitoring Well ID:MWC-5A

Well Type:Compliance

Description:Well Name MW-5A
Golf Course WAFR
46551 3064A16239

Report Frequency:Quarterly

Program:Domestic

Office:Central District

Monitoring PeriodFrom: To:

Re-submitted DMR:☐

Date Sample Obtained:

Time Sample Obtained:

Was the well purged before sampling? ___Yes ___ No

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	ft	In Situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	mg/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100mL	Grab	Quarterly				
pH	00400		6.5-8.5	s.u.	Grab	Quarterly				
Sulfate, Total	00945		250	mg/L	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				
Sodium, Total Recoverable	00923		160	mg/L	Grab	Quarterly				
Trihalomethane, Total by summation	82080		80	ug/L	Grab	Quarterly				
Bis (2-ethylhexyl) phthalate	39100		0.006	mg/L	Grab	Quarterly				

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENTS AND EXPLANATION (Reference all attachments here):

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

8.F.a

Read these instructions before completing the DMR. Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be completed in full and typed or printed in ink. A signed, original DMR shall be mailed to the address printed on the DMR by the 28th of the month following the monitoring period. Facilities who submit their DMR(s) electronically through eDMR do not need to submit a hardcopy DMR. The DMR shall not be submitted before the end of the monitoring period.

The DMR consists of three parts--A, B, and D--all of which may or may not be applicable to every facility. Facilities may have one or more Part A's for reporting effluent or reclaimed water data. All domestic wastewater facilities will have a Part B for reporting daily sample results. Part D is used for reporting ground water monitoring well data.

When results are not available, the following codes should be used on parts A and D of the DMR and an explanation provided where appropriate. Note: Codes used on Part B for raw data are different.

CODE	DESCRIPTION/INSTRUCTIONS
ANC	Analysis not conducted.
DRY	Dry Well
FLD	Flood disaster.
IFS	Insufficient flow for sampling.
LS	Lost sample.
MNR	Monitoring not required this period.

CODE	DESCRIPTION/INSTRUCTIONS
NOD	No discharge from/to site.
OPS	Operations were shutdown so no sample could be taken.
OTH	Other. Please enter an explanation of why monitoring data were not available.
SEF	Sampling equipment failure.

When reporting analytical results that fall below a laboratory's reported method detection limits or practical quantification limits, the following instructions should be used, unless indicated otherwise in the permit or on the DMR:

1. Results greater than or equal to the PQL shall be reported as the measured quantity.
2. Results less than the PQL and greater than or equal to the MDL shall be reported as the laboratory's MDL value. These values shall be deemed equal to the MDL when necessary to calculate an average for that parameter and when determining compliance with permit limits.
3. Results less than the MDL shall be reported by entering a less than sign ("<") followed by the laboratory's MDL value, e.g. < 0.001. A value of one-half the MDL or one-half the effluent limit, whichever is lower, shall be used for that sample when necessary to calculate an average for that parameter. Values less than the MDL are considered to demonstrate compliance with an effluent limitation.

PART A -DISCHARGE MONITORING REPORT (DMR)

Part A of the DMR is comprised of one or more sections, each having its own header information. Facility information is preprinted in the header as well as the monitoring group number, whether the limits and monitoring requirements are interim or final, and the required submittal frequency (e.g. monthly, annually, quarterly, etc.). Submit Part A based on the required reporting frequency in the header and the instructions shown in the permit. The following should be completed by the permittee or authorized representative:

Resubmitted DMR: Check this box if this DMR is being re-submitted because there was information missing from or information that needed correction on a previously submitted DMR. The information that is being revised should be clearly noted on the re-submitted DMR (e.g. highlight, circle, etc.)

No Discharge From Site: Check this box if no discharge occurs and, as a result, there are no data or codes to be entered for all of the parameters on the DMR for the entire monitoring group number; however, if the monitoring group includes other monitoring locations (e.g., influent sampling), the "NOD" code should be used to individually denote those parameters for which there was no discharge.

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Sample Measurement: Before filling in sample measurements in the table, check to see that the data collected correspond to the limit indicated on the DMR (i.e. interim or final) and that the data correspond to the monitoring group number in the header. Enter the data or calculated results for each parameter on this row in the non-shaded area above the limit. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, single sample maximum, etc.) and units. Data qualifier codes are not to be reported on Part A.

No. Ex.: Enter the number of sample measurements during the monitoring period that exceeded the permit limit for each parameter in the non-shaded area. If none, enter zero.

Frequency of Analysis: The shaded areas in this column contain the minimum number of times the measurement is required to be made according to the permit. Enter the actual number of times the measurement was made in the space above the shaded area.

Sample Type: The shaded areas in this column contain the type of sample (e.g. grab, composite, continuous) required by the permit. Enter the actual sample type that was taken in the space above the shaded area.

Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.

Comment and Explanation of Any Violations: Use this area to explain any exceedances, any upset or by-pass events, or other items which require explanation. If more space is needed, reference all attachments in this area.

PART B - DAILY SAMPLE RESULTS**8.F.a**

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Daily Monitoring Results: Transfer all analytical data from your facility's laboratory or a contract laboratory's data sheets for all day(s) that samples were collected. Record the data in the units indicated. Table 1 in Chapter 62-160, F.A.C., contains a complete list of all the data qualifier codes that your laboratory may use when reporting analytical results. However, when transferring numerical results onto Part B of the DMR, only the following data qualifier codes should be used and an explanation provided where appropriate.

CODE	DESCRIPTION/INSTRUCTIONS
<	The compound was analyzed for but not detected.
A	Value reported is the mean (average) of two or more determinations.
J	Estimated value, value not accurate.
Q	Sample held beyond the actual holding time.
Y	Laboratory analysis was from an unpreserved or improperly preserved sample.

To calculate the monthly average, add each reported value to get a total. For flow, divide this total by the number of days in the month. For all other parameters, divide the total by the number of observations.

Plant Staffing: List the name, certificate number, and class of all state certified operators operating the facility during the monitoring period. Use additional sheets as necessary.

PART D - GROUND WATER MONITORING REPORT

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Date Sample Obtained: Enter the date the sample was taken. Also, check whether or not the well was purged before sampling.

Time Sample Obtained: Enter the time the sample was taken.

Sample Measurement: Record the results of the analysis. If the result was below the minimum detection limit, indicate that. Data qualifier codes are not to be reported on Part D.

Detection Limits: Record the detection limits of the analytical methods used.

Analysis Method: Indicate the analytical method used. Record the method number from Chapter 62-160 or Chapter 62-601, F.A.C., or from other sources.

Sampling Equipment Used: Indicate the procedure used to collect the sample (e.g. airlift, bucket/bailer, centrifugal pump, etc.)

Samples Filtered: Indicate whether the sample obtained was filtered by laboratory (L), filtered in field (F), or unfiltered (N).

Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.

Comments and Explanation: Use this space to make any comments on or explanations of results that are unexpected. If more space is needed, reference all attachments in this area.

SPECIAL INSTRUCTIONS FOR LIMITED WET WEATHER DISCHARGES

Flow (Limited Wet Weather Discharge): Enter the measured average flow rate during the period of discharge or divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (MGD).

Flow (Upstream): Enter the average flow rate in the receiving stream upstream from the point of discharge for the period of discharge. The average flow rate can be calculated based on two measurements; one made at the start and one made at the end of the discharge period. Measurements are to be made at the upstream gauging station described in the permit.

Actual Stream Dilution Ratio: To calculate the Actual Stream Dilution Ratio, divide the average upstream flow rate by the average discharge flow rate. Enter the Actual Stream Dilution Ratio accurate to the nearest 0.1.

No. of Days the SDF > Stream Dilution Ratio: For each day of discharge, compare the minimum Stream Dilution Factor (SDF) from the permit to the calculated Stream Dilution Ratio. On Part B of the DMR, enter an asterisk (*) if the SDF is greater than the Stream Dilution Ratio on any day of discharge. On Part A of the DMR, add up the days with an "*" and record the total number of days the Stream Dilution Factor was greater than the Stream Dilution Ratio.

CBOD₅: Enter the average CBOD₅ of the reclaimed water discharged during the period shown in duration of discharge.

TKN: Enter the average TKN of the reclaimed water discharged during the period shown in duration of discharge.

Actual Rainfall: Enter the actual rainfall for each day on Part B. Enter the actual cumulative rainfall to date for this calendar year and the actual total monthly rainfall on Part A. The cumulative rainfall to date for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.

Rainfall During Average Rainfall Year: On Part A, enter the total monthly rainfall during the average rainfall year and the cumulative rainfall for the average rainfall year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which fell during the average rainfall year from January through the month for which this DMR contains data.

No. of Days LWWD Activated During Calendar Year: Enter the cumulative number of days that the limited wet weather discharge was activated since January 1 of the current year.

Reason for Discharge: Attach to the DMR a brief explanation of the factors contributing to the need to activate the limited wet weather discharge.

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: <http://www.fldepportal.com/go/>

PERMITTEE NAME: City of Ormond Beach
 MAILING ADDRESS: 22 S Beach St
 Ormond Beach, Florida 32174- 6386

PERMIT NUMBER: FL0020532-023-DW1P

FACILITY: Ormond Beach WRF
 LOCATION: 550 N Orchard St
 Ormond Beach, FL 32174-9512

LIMIT: Final
 CLASS SIZE: MA
 MONITORING GROUP NUMBER: RWS-A
 MONITORING GROUP: Annual Reclaimed Water or Effluent Analysis
 DESCRIPTION:
 RE-SUBMITTED DMR: ☐
 NO DISCHARGE FROM SITE: ☐
 MONITORING NOT REQUIRED: * ☐
 MONITORING PERIOD From: _____ To: _____

REPORT FREQUENCY: Annually
 PROGRAM: Domestic

COUNTY: Volusia

OFFICE: Central District

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Antimony, Total Recoverable (GWS = 6)**	Sample Measurement										
PARM Code 01268 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Arsenic, Total Recoverable (GWS = 10)	Sample Measurement										
PARM Code 00978 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Barium, Total Recoverable (GWS = 2,000)	Sample Measurement										
PARM Code 01009 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Beryllium, Total Recoverable (GWS = 4)	Sample Measurement										
PARM Code 00998 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Cadmium, Total Recoverable (GWS = 5)	Sample Measurement										
PARM Code 01113 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Chromium, Total Recoverable (GWS =100)	Sample Measurement										
PARM Code 01118 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC

*THE "MONITORING NOT REQUIRED" CHECKBOX SHOULD BE SELECTED WHEN A CERTIFICATION STATEMENT IN ACCORDANCE WITH SUBSECTION 62-600.680(2), F.A.C., IS SUBMITTED WITH THIS DMR. SEE CERTIFICATION STATEMENT IN COMMENTS SECTION BELOW.

**GROUND WATER STANDARD (GWS) FOR REFERENCE AND REVIEW ONLY.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

☐ NO NEW NON-DOMESTIC WASTEWATER DISCHARGERS HAVE BEEN ADDED TO THE COLLECTION SYSTEM SINCE THE LAST RECLAIMED WATER OR EFFLUENT ANALYSIS WAS CONDUCTED.
 SIGN AND DATE:

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Ormond Beach WRF

MONITORING GROUP

RWS-A

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Cyanide, Free (amen. to chlorination)(GWS = 200)	Sample Measurement										
PARM Code 00722 P	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
Mon. Site No. RWS-A											
Fluoride, Total (as F) (GWS = 4.0/2.0)	Sample Measurement										
PARM Code 00951 P	Permit Requirement					Report (Max.)		mg/L		Annually	24-hr FPC
Mon. Site No. RWS-A											
Lead, Total Recoverable (GWS = 15)	Sample Measurement										
PARM Code 01114 P	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Mon. Site No. RWS-A											
Mercury, Total Recoverable (GWS = 2)	Sample Measurement										
PARM Code 71901 P	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Mon. Site No. RWS-A											
Nickel, Total Recoverable (GWS = 100)	Sample Measurement										
PARM Code 01074 P	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Mon. Site No. RWS-A											
Nitrogen, Nitrate, Total (as N) (GWS = 10)	Sample Measurement										
PARM Code 00620 P	Permit Requirement					Report (Max.)		mg/L		Annually	24-hr FPC
Mon. Site No. RWS-A											
Nitrogen, Nitrite, Total (as N) (GWS = 1)	Sample Measurement										
PARM Code 00615 P	Permit Requirement					Report (Max.)		mg/L		Annually	24-hr FPC
Mon. Site No. RWS-A											
Nitrite plus Nitrate, Total 1 det. (as N)(GWS = 10)	Sample Measurement										
PARM Code 00630 P	Permit Requirement					Report (Max.)		mg/L		Annually	24-hr FPC
Mon. Site No. RWS-A											
Selenium, Total Recoverable (GWS =50)	Sample Measurement										
PARM Code 00981 P	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Mon. Site No. RWS-A											
Sodium, Total Recoverable (GWS = 160)	Sample Measurement										
PARM Code 00923 P	Permit Requirement					Report (Max.)		mg/L		Annually	24-hr FPC
Mon. Site No. RWS-A											

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Ormond Beach WRF

MONITORING GROUP

RWS-A

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Thallium, Total Recoverable (GWS = 2)	Sample Measurement										
PARM Code 00982 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			Annually	24-hr FPC
1,1-dichloroethylene (GWS = 7)	Sample Measurement										
PARM Code 34501 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			Annually	Grab
1,1,1-trichloroethane (GWS = 200)	Sample Measurement										
PARM Code 34506 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			Annually	Grab
1,1,2-trichloroethane (GWS = 5)	Sample Measurement										
PARM Code 34511 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			Annually	Grab
1,2-dichloroethane (GWS = 3)	Sample Measurement										
PARM Code 32103 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			Annually	Grab
1,2-dichloropropane (GWS = 5)	Sample Measurement										
PARM Code 34541 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			Annually	Grab
1,2,4-trichlorobenzene (GWS = 70)	Sample Measurement										
PARM Code 34551 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			Annually	24-hr FPC
Benzene (GWS = 1)	Sample Measurement										
PARM Code 34030 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			Annually	Grab
Carbon tetrachloride (GWS = 3)	Sample Measurement										
PARM Code 32102 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			Annually	Grab
Cis-1,2-dichloroethene (GWS = 70)	Sample Measurement										
PARM Code 81686 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			Annually	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Ormond Beach WRF

MONITORING GROUP

RWS-A

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Dichloromethane (methylene chloride)(GWS = 5)	Sample Measurement										
PARM Code 03821 P	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
Mon. Site No. RWS-A											
Ethylbenzene (GWS = 700)	Sample Measurement										
PARM Code 34371 P	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
Mon. Site No. RWS-A											
Monochlorobenzene (GWS = 100)	Sample Measurement										
PARM Code 34031 P	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
Mon. Site No. RWS-A											
1,2-dichlorobenzene (GWS = 600)	Sample Measurement										
PARM Code 34536 P	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
Mon. Site No. RWS-A											
1,4-dichlorobenzene (GWS = 75)	Sample Measurement										
PARM Code 34571 P	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
Mon. Site No. RWS-A											
Styrene, Total (GWS = 100)	Sample Measurement										
PARM Code 77128 P	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
Mon. Site No. RWS-A											
Tetrachloroethylene (GWS = 3)	Sample Measurement										
PARM Code 34475 P	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
Mon. Site No. RWS-A											
Toluene (GWS = 1,000)	Sample Measurement										
PARM Code 34010 P	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
Mon. Site No. RWS-A											
1,2-trans-dichloroethylene (GWS = 100)	Sample Measurement										
PARM Code 34546 P	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
Mon. Site No. RWS-A											
Trichloroethylene (GWS = 3)	Sample Measurement										
PARM Code 39180 P	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
Mon. Site No. RWS-A											

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Ormond Beach WRF

MONITORING GROUP

RWS-A

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Vinyl chloride (GWS = 1)	Sample Measurement										
PARM Code 39175 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
Xylenes (GWS = 10,000)	Sample Measurement										
PARM Code 81551 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
2,3,7,8-tetrachlorodibenzo-p-dioxin(GWS = 3x10 ⁻⁵)	Sample Measurement										
PARM Code 34675 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
2,4-dichlorophenoxyacetic acid (GWS = 70)	Sample Measurement										
PARM Code 39730 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Silvex (GWS = 50)	Sample Measurement										
PARM Code 39760 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Alachlor (GWS = 2)	Sample Measurement										
PARM Code 39161 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Atrazine (GWS = 3)	Sample Measurement										
PARM Code 39033 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Benzo(a)pyrene (GWS = 0.2)	Sample Measurement										
PARM Code 34247 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Carbofuran (GWS = 40)	Sample Measurement										
PARM Code 81405 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Chlordane (tech mix. and metabolites)(GWS = 2)	Sample Measurement										
PARM Code 39350 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Ormond Beach WRF

MONITORING GROUP

RWS-A

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Dalapon (GWS = 200)	Sample Measurement										
PARM Code 38432 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Bis(2-ethylhexyl)adipate (GWS = 400)	Sample Measurement										
PARM Code 77903 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Bis (2-ethylhexyl) phthalate (GWS = 6)	Sample Measurement										
PARM Code 39100 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Dibromochloropropane (DBCP) (GWS = 0.2)	Sample Measurement										
PARM Code 82625 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
Dinoseb (GWS = 7)	Sample Measurement										
PARM Code 30191 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Diquat (GWS = 20)	Sample Measurement										
PARM Code 04443 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Endothall (GWS = 100)	Sample Measurement										
PARM Code 38926 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Endrin (GWS = 2)	Sample Measurement										
PARM Code 39390 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Ethylene dibromide (1,2-dibromoethane)(GWS = 0.02)	Sample Measurement										
PARM Code 77651 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
Glyphosate (GWS = 0.7)	Sample Measurement										
PARM Code 79743 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		mg/L		Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Ormond Beach WRF

MONITORING GROUP

RWS-A

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Heptachlor (GWS = 0.4)	Sample Measurement										
PARM Code 39410 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Heptachlor epoxide (GWS = 0.2)	Sample Measurement										
PARM Code 39420 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Hexachlorobenzene (GWS = 1)	Sample Measurement										
PARM Code 39700 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Hexachlorocyclopentadiene (GWS = 50)	Sample Measurement										
PARM Code 34386 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Gamma BHC (Lindane) (GWS = 0.2)	Sample Measurement										
PARM Code 39782 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Methoxychlor (GWS = 40)	Sample Measurement										
PARM Code 39480 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Oxamyl (vydate) (GWS = 200)	Sample Measurement										
PARM Code 38865 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Pentachlorophenol (GWS = 1)	Sample Measurement										
PARM Code 39032 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Picloram (GWS = 500)	Sample Measurement										
PARM Code 39720 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Polychlorinated Biphenyls (PCBs)(GWS = 0.5)	Sample Measurement										
PARM Code 39516 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Ormond Beach WRF

MONITORING GROUP

RWS-A

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Simazine (GWS = 4)	Sample Measurement										
PARM Code 39055 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Toxaphene (GWS = 3)	Sample Measurement										
PARM Code 39400 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Trihalomethane, Total by summation(GWS = 0.080)	Sample Measurement										
PARM Code 82080 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		mg/L		Annually	Grab
Radium 226 + Radium 228, Total (GWS = 5)	Sample Measurement										
PARM Code 11503 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		pCi/L		Annually	24-hr FPC
Alpha, Gross Particle Activity (GWS = 15)	Sample Measurement										
PARM Code 80045 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		pCi/L		Annually	24-hr FPC
Aluminum, Total Recoverable (GWS = 0.2)	Sample Measurement										
PARM Code 01104 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		mg/L		Annually	24-hr FPC
Chloride (as Cl) (GWS = 250)	Sample Measurement										
PARM Code 00940 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		mg/L		Annually	24-hr FPC
Iron, Total Recoverable (GWS = 0.3)	Sample Measurement										
PARM Code 00980 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		mg/L		Annually	24-hr FPC
Copper, Total Recoverable (GWS = 1,000)	Sample Measurement										
PARM Code 01119 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Manganese, Total Recoverable (GWS = 50)	Sample Measurement										
PARM Code 11123 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Ormond Beach WRF

MONITORING GROUP
NUMBER:

RWS-A

PERMIT NUMBER: FL0020532-023-DW1P

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Silver, Total Recoverable (GWS = 100)	Sample Measurement										
PARM Code 01079 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Sulfate, Total (GWS = 250)	Sample Measurement										
PARM Code 00945 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L		Annually	24-hr FPC
Zinc, Total Recoverable (GWS = 5,000)	Sample Measurement										
PARM Code 01094 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
pH (GWS = 6.5-8.5)	Sample Measurement										
PARM Code 00400 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	s.u.		Annually	Grab
Solids, Total Dissolved (TDS) (GWS = 500)	Sample Measurement										
PARM Code 70295 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L		Annually	24-hr FPC
Foaming Agents (GWS = 0.5)	Sample Measurement										
PARM Code 01288 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L		Annually	24-hr FPC

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: City of Ormond Beach
 MAILING ADDRESS: 22 S Beach St
 Ormond Beach, Florida 32174-6386

PERMIT NUMBER: FL0020532-023-DW1P

FACILITY: Ormond Beach WRF
 LOCATION: 550 N Orchard St
 Ormond Beach, FL 32174-9512

LIMIT:
 CLASS SIZE:
 MONITORING GROUP NUMBER:
 MONITORING GROUP DESCRIPTION:
 RE-SUBMITTED DMR: ☐
 NO DISCHARGE FROM SITE: ☐
 MONITORING NOT REQUIRED: ☐
 MONITORING PERIOD

Final
 MA
 RWS-B (Blend)
 Annual Reclaimed Water or Effluent Analysis

REPORT FREQUENCY: Annually
 PROGRAM: Domestic

COUNTY: Volusia
 OFFICE: Central District

From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Antimony, Total Recoverable (GWS = 6)* PARM Code 01268 P Mon. Site No. RWS-B	Sample Measurement Permit Requirement						Annually	24-hr FPC
Arsenic, Total Recoverable (GWS = 10) PARM Code 00978 P Mon. Site No. RWS-B	Sample Measurement Permit Requirement						Annually	24-hr FPC
Barium, Total Recoverable (GWS = 2,000) PARM Code 01009 P Mon. Site No. RWS-B	Sample Measurement Permit Requirement						Annually	24-hr FPC
Beryllium, Total Recoverable (GWS = 4) PARM Code 00998 P Mon. Site No. RWS-B	Sample Measurement Permit Requirement						Annually	24-hr FPC
Cadmium, Total Recoverable (GWS = 5) PARM Code 01113 P Mon. Site No. RWS-B	Sample Measurement Permit Requirement						Annually	24-hr FPC
Chromium, Total Recoverable (GWS =100) PARM Code 01118 P Mon. Site No. RWS-B	Sample Measurement Permit Requirement						Annually	24-hr FPC

*GROUND WATER STANDARD (GWS) FOR REFERENCE AND REVIEW ONLY.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Ormond Beach WRF

MONITORING GROUP

RWS-B

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Cyanide, Free (amen. to chlorination)(GWS = 200)	Sample Measurement										
PARM Code 00722 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Fluoride, Total (as F) (GWS = 4.0/2.0)	Sample Measurement										
PARM Code 00951 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	mg/L		Annually	24-hr FPC
Lead, Total Recoverable (GWS = 15)	Sample Measurement										
PARM Code 01114 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Mercury, Total Recoverable (GWS = 2)	Sample Measurement										
PARM Code 71901 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Nickel, Total Recoverable (GWS = 100)	Sample Measurement										
PARM Code 01074 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Nitrogen, Nitrate, Total (as N) (GWS = 10)	Sample Measurement										
PARM Code 00620 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	mg/L		Annually	24-hr FPC
Nitrogen, Nitrite, Total (as N) (GWS = 1)	Sample Measurement										
PARM Code 00615 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	mg/L		Annually	24-hr FPC
Nitrite plus Nitrate, Total 1 det. (as N)(GWS = 10)	Sample Measurement										
PARM Code 00630 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	mg/L		Annually	24-hr FPC
Selenium, Total Recoverable (GWS =50)	Sample Measurement										
PARM Code 00981 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Sodium, Total Recoverable (GWS = 160)	Sample Measurement										
PARM Code 00923 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	mg/L		Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Ormond Beach WRF

MONITORING GROUP

RWS-B

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Thallium, Total Recoverable (GWS = 2)	Sample Measurement										
PARM Code 00982 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
1,1-dichloroethylene (GWS = 7)	Sample Measurement										
PARM Code 34501 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
1,1,1-trichloroethane (GWS = 200)	Sample Measurement										
PARM Code 34506 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
1,1,2-trichloroethane (GWS = 5)	Sample Measurement										
PARM Code 34511 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
1,2-dichloroethane (GWS = 3)	Sample Measurement										
PARM Code 32103 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
1,2-dichloropropane (GWS = 5)	Sample Measurement										
PARM Code 34541 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
1,2,4-trichlorobenzene (GWS = 70)	Sample Measurement										
PARM Code 34551 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Benzene (GWS = 1)	Sample Measurement										
PARM Code 34030 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Carbon tetrachloride (GWS = 3)	Sample Measurement										
PARM Code 32102 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Cis-1,2-dichloroethene (GWS = 70)	Sample Measurement										
PARM Code 81686 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Ormond Beach WRF

MONITORING GROUP

RWS-B

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Dichloromethane (methylene chloride)(GWS = 5)	Sample Measurement										
PARM Code 03821 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Ethylbenzene (GWS = 700)	Sample Measurement										
PARM Code 34371 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Monochlorobenzene (GWS = 100)	Sample Measurement										
PARM Code 34031 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
1,2-dichlorobenzene (GWS = 600)	Sample Measurement										
PARM Code 34536 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
1,4-dichlorobenzene (GWS = 75)	Sample Measurement										
PARM Code 34571 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Styrene, Total (GWS = 100)	Sample Measurement										
PARM Code 77128 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Tetrachloroethylene (GWS = 3)	Sample Measurement										
PARM Code 34475 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Toluene (GWS = 1,000)	Sample Measurement										
PARM Code 34010 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
1,2-trans-dichloroethylene (GWS = 100)	Sample Measurement										
PARM Code 34546 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Trichloroethylene (GWS = 3)	Sample Measurement										
PARM Code 39180 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Ormond Beach WRF

MONITORING GROUP

RWS-B

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Vinyl chloride (GWS = 1)	Sample Measurement										
PARM Code 39175 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Xylenes (GWS = 10,000)	Sample Measurement										
PARM Code 81551 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
2,3,7,8-tetrachlorodibenzo-p-dioxin(GWS = 3x10 ⁻⁵)	Sample Measurement										
PARM Code 34675 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
2,4-dichlorophenoxyacetic acid (GWS = 70)	Sample Measurement										
PARM Code 39730 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Silvex (GWS = 50)	Sample Measurement										
PARM Code 39760 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Alachlor (GWS = 2)	Sample Measurement										
PARM Code 39161 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Atrazine (GWS = 3)	Sample Measurement										
PARM Code 39033 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Benzo(a)pyrene (GWS = 0.2)	Sample Measurement										
PARM Code 34247 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Carbofuran (GWS = 40)	Sample Measurement										
PARM Code 81405 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Chlordane (tech mix. and metabolites)(GWS = 2)	Sample Measurement										
PARM Code 39350 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Ormond Beach WRF

MONITORING GROUP

RWS-B

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Dalapon (GWS = 200)	Sample Measurement										
PARM Code 38432 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Bis(2-ethylhexyl)adipate (GWS = 400)	Sample Measurement										
PARM Code 77903 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Bis (2-ethylhexyl) phthalate (GWS = 6)	Sample Measurement										
PARM Code 39100 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Dibromochloropropane (DBCP) (GWS = 0.2)	Sample Measurement										
PARM Code 82625 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Dinoseb (GWS = 7)	Sample Measurement										
PARM Code 30191 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Diquat (GWS = 20)	Sample Measurement										
PARM Code 04443 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Endothall (GWS = 100)	Sample Measurement										
PARM Code 38926 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Endrin (GWS = 2)	Sample Measurement										
PARM Code 39390 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Ethylene dibromide (1,2-dibromoethane)(GWS = 0.02)	Sample Measurement										
PARM Code 77651 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Glyphosate (GWS = 0.7)	Sample Measurement										
PARM Code 79743 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	mg/L		Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Ormond Beach WRF

MONITORING GROUP

RWS-B

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Heptachlor (GWS = 0.4)	Sample Measurement										
PARM Code 39410 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Heptachlor epoxide (GWS = 0.2)	Sample Measurement										
PARM Code 39420 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Hexachlorobenzene (GWS = 1)	Sample Measurement										
PARM Code 39700 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Hexachlorocyclopentadiene (GWS = 50)	Sample Measurement										
PARM Code 34386 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Gamma BHC (Lindane) (GWS = 0.2)	Sample Measurement										
PARM Code 39782 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Methoxychlor (GWS = 40)	Sample Measurement										
PARM Code 39480 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Oxamyl (vydate) (GWS = 200)	Sample Measurement										
PARM Code 38865 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Pentachlorophenol (GWS = 1)	Sample Measurement										
PARM Code 39032 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Picloram (GWS = 500)	Sample Measurement										
PARM Code 39720 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Polychlorinated Biphenyls (PCBs)(GWS = 0.5)	Sample Measurement										
PARM Code 39516 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Ormond Beach WRF

MONITORING GROUP

RWS-B

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Simazine (GWS = 4)	Sample Measurement										
PARM Code 39055 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Toxaphene (GWS = 3)	Sample Measurement										
PARM Code 39400 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Trihalomethane, Total by summation(GWS = 0.080)	Sample Measurement										
PARM Code 82080 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	mg/L		Annually	Grab
Radium 226 + Radium 228, Total (GWS = 5)	Sample Measurement										
PARM Code 11503 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	pCi/L		Annually	24-hr FPC
Alpha, Gross Particle Activity (GWS = 15)	Sample Measurement										
PARM Code 80045 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	pCi/L		Annually	24-hr FPC
Aluminum, Total Recoverable (GWS = 0.2)	Sample Measurement										
PARM Code 01104 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	mg/L		Annually	24-hr FPC
Chloride (as Cl) (GWS = 250)	Sample Measurement										
PARM Code 00940 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	mg/L		Annually	24-hr FPC
Iron, Total Recoverable (GWS = 0.3)	Sample Measurement										
PARM Code 00980 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	mg/L		Annually	24-hr FPC
Copper, Total Recoverable (GWS = 1,000)	Sample Measurement										
PARM Code 01119 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Manganese, Total Recoverable (GWS = 50)	Sample Measurement										
PARM Code 11123 P Mon. Site No. RWS-B	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Ormond Beach WRF

MONITORING GROUP

RWS-B

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Silver, Total Recoverable (GWS = 100)	Sample Measurement										
PARM Code 01079 P Mon. Site No. RWS-B	Permit Requirement					Report (Max.)	ug/L			Annually	24-hr FPC
Sulfate, Total (GWS = 250)	Sample Measurement										
PARM Code 00945 P Mon. Site No. RWS-B	Permit Requirement					Report (Max.)	mg/L			Annually	24-hr FPC
Zinc, Total Recoverable (GWS = 5,000)	Sample Measurement										
PARM Code 01094 P Mon. Site No. RWS-B	Permit Requirement					Report (Max.)	ug/L			Annually	24-hr FPC
pH (GWS = 6.5-8.5)	Sample Measurement										
PARM Code 00400 P Mon. Site No. RWS-B	Permit Requirement					Report (Max.)	s.u.			Annually	Grab
Solids, Total Dissolved (TDS) (GWS = 500)	Sample Measurement										
PARM Code 70295 P Mon. Site No. RWS-B	Permit Requirement					Report (Max.)	mg/L			Annually	24-hr FPC
Foaming Agents (GWS = 0.5)	Sample Measurement										
PARM Code 01288 P Mon. Site No. RWS-B	Permit Requirement					Report (Max.)	mg/L			Annually	24-hr FPC

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: City of Ormond Beach
 MAILING ADDRESS: 22 S Beach St
 Ormond Beach, Florida 32174-6386

PERMIT NUMBER: FL0020532-023-DW1P

FACILITY: Ormond Beach WRF
 LOCATION: 550 N Orchard St
 Ormond Beach, FL 32174-9512

LIMIT: Final
 CLASS SIZE: MA
 MONITORING GROUP NUMBER: RWS-C (Concentrate)
 MONITORING GROUP DESCRIPTION: Annual Reclaimed Water or Effluent Analysis
 RE-SUBMITTED DMR: ☐
 NO DISCHARGE FROM SITE: ☐
 MONITORING NOT REQUIRED: ☐
 MONITORING PERIOD From: _____ To: _____

REPORT FREQUENCY: Annually
 PROGRAM: Domestic

COUNTY: Volusia
 OFFICE: Central District

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Antimony, Total Recoverable (GWS = 6)* PARM Code 01268 P Mon. Site No. RWS-C	Sample Measurement Permit Requirement						Annually	Grab
Arsenic, Total Recoverable (GWS = 10) PARM Code 00978 P Mon. Site No. RWS-C	Sample Measurement Permit Requirement						Annually	Grab
Barium, Total Recoverable (GWS = 2,000) PARM Code 01009 P Mon. Site No. RWS-C	Sample Measurement Permit Requirement						Annually	Grab
Beryllium, Total Recoverable (GWS = 4) PARM Code 00998 P Mon. Site No. RWS-C	Sample Measurement Permit Requirement						Annually	Grab
Cadmium, Total Recoverable (GWS = 5) PARM Code 01113 P Mon. Site No. RWS-C	Sample Measurement Permit Requirement						Annually	Grab
Chromium, Total Recoverable (GWS =100) PARM Code 01118 P Mon. Site No. RWS-C	Sample Measurement Permit Requirement						Annually	Grab

*GROUND WATER STANDARD (GWS) FOR REFERENCE AND REVIEW ONLY.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Ormond Beach WRF

MONITORING GROUP

RWS-C

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Cyanide, Free (amen. to chlorination)(GWS = 200)	Sample Measurement										
PARM Code 00722 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Fluoride, Total (as F) (GWS = 4.0/2.0)	Sample Measurement										
PARM Code 00951 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	mg/L		Annually	Grab
Lead, Total Recoverable (GWS = 15)	Sample Measurement										
PARM Code 01114 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Mercury, Total Recoverable (GWS = 2)	Sample Measurement										
PARM Code 71901 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Nickel, Total Recoverable (GWS = 100)	Sample Measurement										
PARM Code 01074 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Nitrogen, Nitrate, Total (as N) (GWS = 10)	Sample Measurement										
PARM Code 00620 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	mg/L		Annually	Grab
Nitrogen, Nitrite, Total (as N) (GWS = 1)	Sample Measurement										
PARM Code 00615 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	mg/L		Annually	Grab
Nitrite plus Nitrate, Total 1 det. (as N)(GWS = 10)	Sample Measurement										
PARM Code 00630 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	mg/L		Annually	Grab
Selenium, Total Recoverable (GWS =50)	Sample Measurement										
PARM Code 00981 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Sodium, Total Recoverable (GWS = 160)	Sample Measurement										
PARM Code 00923 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	mg/L		Annually	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Ormond Beach WRF

MONITORING GROUP

RWS-C

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Thallium, Total Recoverable (GWS = 2)	Sample Measurement										
PARM Code 00982 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
1,1-dichloroethylene (GWS = 7)	Sample Measurement										
PARM Code 34501 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
1,1,1-trichloroethane (GWS = 200)	Sample Measurement										
PARM Code 34506 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
1,1,2-trichloroethane (GWS = 5)	Sample Measurement										
PARM Code 34511 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
1,2-dichloroethane (GWS = 3)	Sample Measurement										
PARM Code 32103 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
1,2-dichloropropane (GWS = 5)	Sample Measurement										
PARM Code 34541 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
1,2,4-trichlorobenzene (GWS = 70)	Sample Measurement										
PARM Code 34551 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Benzene (GWS = 1)	Sample Measurement										
PARM Code 34030 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Carbon tetrachloride (GWS = 3)	Sample Measurement										
PARM Code 32102 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Cis-1,2-dichloroethene (GWS = 70)	Sample Measurement										
PARM Code 81686 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Ormond Beach WRF

MONITORING GROUP

RWS-C

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Dichloromethane (methylene chloride)(GWS = 5)	Sample Measurement										
PARM Code 03821 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Ethylbenzene (GWS = 700)	Sample Measurement										
PARM Code 34371 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Monochlorobenzene (GWS = 100)	Sample Measurement										
PARM Code 34031 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
1,2-dichlorobenzene (GWS = 600)	Sample Measurement										
PARM Code 34536 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
1,4-dichlorobenzene (GWS = 75)	Sample Measurement										
PARM Code 34571 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Styrene, Total (GWS = 100)	Sample Measurement										
PARM Code 77128 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Tetrachloroethylene (GWS = 3)	Sample Measurement										
PARM Code 34475 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Toluene (GWS = 1,000)	Sample Measurement										
PARM Code 34010 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
1,2-trans-dichloroethylene (GWS = 100)	Sample Measurement										
PARM Code 34546 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Trichloroethylene (GWS = 3)	Sample Measurement										
PARM Code 39180 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Ormond Beach WRF

MONITORING GROUP

RWS-C

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Vinyl chloride (GWS = 1)	Sample Measurement										
PARM Code 39175 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Xylenes (GWS = 10,000)	Sample Measurement										
PARM Code 81551 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
2,3,7,8-tetrachlorodibenzo-p- dioxin(GWS = 3×10^{-5})	Sample Measurement										
PARM Code 34675 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
2,4-dichlorophenoxyacetic acid (GWS = 70)	Sample Measurement										
PARM Code 39730 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Silvex (GWS = 50)	Sample Measurement										
PARM Code 39760 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Alachlor (GWS = 2)	Sample Measurement										
PARM Code 39161 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Atrazine (GWS = 3)	Sample Measurement										
PARM Code 39033 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Benzo(a)pyrene (GWS = 0.2)	Sample Measurement										
PARM Code 34247 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Carbofuran (GWS = 40)	Sample Measurement										
PARM Code 81405 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Chlordane (tech mix. and metabolites)(GWS = 2)	Sample Measurement										
PARM Code 39350 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Ormond Beach WRF

MONITORING GROUP

RWS-C

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Dalapon (GWS = 200)	Sample Measurement										
PARM Code 38432 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Bis(2-ethylhexyl)adipate (GWS = 400)	Sample Measurement										
PARM Code 77903 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Bis (2-ethylhexyl) phthalate (GWS = 6)	Sample Measurement										
PARM Code 39100 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Dibromochloropropane (DBCP) (GWS = 0.2)	Sample Measurement										
PARM Code 82625 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Dinoseb (GWS = 7)	Sample Measurement										
PARM Code 30191 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Diquat (GWS = 20)	Sample Measurement										
PARM Code 04443 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Endothall (GWS = 100)	Sample Measurement										
PARM Code 38926 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Endrin (GWS = 2)	Sample Measurement										
PARM Code 39390 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Ethylene dibromide (1,2-dibromoethane)(GWS = 0.02)	Sample Measurement										
PARM Code 77651 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Glyphosate (GWS = 0.7)	Sample Measurement										
PARM Code 79743 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	mg/L		Annually	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Ormond Beach WRF

MONITORING GROUP

RWS-C

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Heptachlor (GWS = 0.4)	Sample Measurement										
PARM Code 39410 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Heptachlor epoxide (GWS = 0.2)	Sample Measurement										
PARM Code 39420 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Hexachlorobenzene (GWS = 1)	Sample Measurement										
PARM Code 39700 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Hexachlorocyclopentadiene (GWS = 50)	Sample Measurement										
PARM Code 34386 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Gamma BHC (Lindane) (GWS = 0.2)	Sample Measurement										
PARM Code 39782 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Methoxychlor (GWS = 40)	Sample Measurement										
PARM Code 39480 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Oxamyl (vydate) (GWS = 200)	Sample Measurement										
PARM Code 38865 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Pentachlorophenol (GWS = 1)	Sample Measurement										
PARM Code 39032 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Picloram (GWS = 500)	Sample Measurement										
PARM Code 39720 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Polychlorinated Biphenyls (PCBs)(GWS = 0.5)	Sample Measurement										
PARM Code 39516 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Ormond Beach WRF

MONITORING GROUP

RWS-C

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Simazine (GWS = 4)	Sample Measurement										
PARM Code 39055 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Toxaphene (GWS = 3)	Sample Measurement										
PARM Code 39400 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Trihalomethane, Total by summation(GWS = 0.080)	Sample Measurement										
PARM Code 82080 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	mg/L		Annually	Grab
Radium 226 + Radium 228, Total (GWS = 5)	Sample Measurement										
PARM Code 11503 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	pCi/L		Annually	Grab
Alpha, Gross Particle Activity (GWS = 15)	Sample Measurement										
PARM Code 80045 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	pCi/L		Annually	Grab
Aluminum, Total Recoverable (GWS = 0.2)	Sample Measurement										
PARM Code 01104 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	mg/L		Annually	Grab
Chloride (as Cl) (GWS = 250)	Sample Measurement										
PARM Code 00940 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	mg/L		Annually	Grab
Iron, Total Recoverable (GWS = 0.3)	Sample Measurement										
PARM Code 00980 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	mg/L		Annually	Grab
Copper, Total Recoverable (GWS = 1,000)	Sample Measurement										
PARM Code 01119 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab
Manganese, Total Recoverable (GWS = 50)	Sample Measurement										
PARM Code 11123 P Mon. Site No. RWS-C	Permit Requirement						Report (Max.)	ug/L		Annually	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Ormond Beach WRF

MONITORING GROUP

RWS-C

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Silver, Total Recoverable (GWS = 100)	Sample Measurement										
PARM Code 01079 P Mon. Site No. RWS-C	Permit Requirement					Report (Max.)	ug/L			Annually	Grab
Sulfate, Total (GWS = 250)	Sample Measurement										
PARM Code 00945 P Mon. Site No. RWS-C	Permit Requirement					Report (Max.)	mg/L			Annually	Grab
Zinc, Total Recoverable (GWS = 5,000)	Sample Measurement										
PARM Code 01094 P Mon. Site No. RWS-C	Permit Requirement					Report (Max.)	ug/L			Annually	Grab
pH (GWS = 6.5-8.5)	Sample Measurement										
PARM Code 00400 P Mon. Site No. RWS-C	Permit Requirement					Report (Max.)	s.u.			Annually	Grab
Solids, Total Dissolved (TDS) (GWS = 500)	Sample Measurement										
PARM Code 70295 P Mon. Site No. RWS-C	Permit Requirement					Report (Max.)	mg/L			Annually	Grab
Foaming Agents (GWS = 0.5)	Sample Measurement										
PARM Code 01288 P Mon. Site No. RWS-C	Permit Requirement					Report (Max.)	mg/L			Annually	Grab

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: <http://www.fldeportal.com/go/>

PERMITTEE NAME: Ormond Beach, City of
 MAILING ADDRESS: 22 S Beach St
 Ormond Beach, Florida 32174- 6386

PERMIT NUMBER: FL0020532-023-DW1P

FACILITY: Ormond Beach WRF
 LOCATION: 550 N Orchard St
 Ormond Beach, FL 32174-9512

LIMIT: Final
 CLASS SIZE: MA
 MONITORING GROUP NUMBER: RWS-G
 MONITORING GROUP: Groundwater (MWC-5A) Analysis
 DESCRIPTION:
 RE-SUBMITTED DMR: ☐
 NO DISCHARGE FROM SITE: ☐
 MONITORING NOT REQUIRED: * ☐
 MONITORING PERIOD From: _____ To: _____

REPORT FREQUENCY: Annually
 PROGRAM: Domestic

COUNTY: Volusia

OFFICE: Central District

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Antimony, Total Recoverable (GWS = 6)**	Sample Measurement										
PARM Code 01268 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Arsenic, Total Recoverable (GWS = 10)	Sample Measurement										
PARM Code 00978 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Barium, Total Recoverable (GWS = 2,000)	Sample Measurement										
PARM Code 01009 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Beryllium, Total Recoverable (GWS = 4)	Sample Measurement										
PARM Code 00998 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Cadmium, Total Recoverable (GWS = 5)	Sample Measurement										
PARM Code 01113 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Chromium, Total Recoverable (GWS =100)	Sample Measurement										
PARM Code 01118 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC

*THE "MONITORING NOT REQUIRED" CHECKBOX SHOULD BE SELECTED WHEN A CERTIFICATION STATEMENT IN ACCORDANCE WITH SUBSECTION 62-600.680(2), F.A.C., IS SUBMITTED WITH THIS DMR. SEE CERTIFICATION STATEMENT IN COMMENTS SECTION BELOW.

**GROUND WATER STANDARD (GWS) FOR REFERENCE AND REVIEW ONLY.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

☐ NO NEW NON-DOMESTIC WASTEWATER DISCHARGERS HAVE BEEN ADDED TO THE COLLECTION SYSTEM SINCE THE LAST RECLAIMED WATER OR EFFLUENT ANALYSIS WAS CONDUCTED.
 SIGN AND DATE:

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Ormond Beach WRF

MONITORING GROUP

RWS-G

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Cyanide, Free (amen. to chlorination)(GWS = 200)	Sample Measurement										
PARM Code 00722 P	Permit Requirement					Report (Max.)	ug/L			Annually	Grab
Mon. Site No. RWS-G											
Fluoride, Total (as F) (GWS = 4.0/2.0)	Sample Measurement										
PARM Code 00951 P	Permit Requirement					Report (Max.)	mg/L			Annually	24-hr FPC
Mon. Site No. RWS-G											
Lead, Total Recoverable (GWS = 15)	Sample Measurement										
PARM Code 01114 P	Permit Requirement					Report (Max.)	ug/L			Annually	24-hr FPC
Mon. Site No. RWS-G											
Mercury, Total Recoverable (GWS = 2)	Sample Measurement										
PARM Code 71901 P	Permit Requirement					Report (Max.)	ug/L			Annually	24-hr FPC
Mon. Site No. RWS-G											
Nickel, Total Recoverable (GWS = 100)	Sample Measurement										
PARM Code 01074 P	Permit Requirement					Report (Max.)	ug/L			Annually	24-hr FPC
Mon. Site No. RWS-G											
Nitrogen, Nitrate, Total (as N) (GWS = 10)	Sample Measurement										
PARM Code 00620 P	Permit Requirement					Report (Max.)	mg/L			Annually	24-hr FPC
Mon. Site No. RWS-G											
Nitrogen, Nitrite, Total (as N) (GWS = 1)	Sample Measurement										
PARM Code 00615 P	Permit Requirement					Report (Max.)	mg/L			Annually	24-hr FPC
Mon. Site No. RWS-G											
Nitrite plus Nitrate, Total 1 det. (as N)(GWS = 10)	Sample Measurement										
PARM Code 00630 P	Permit Requirement					Report (Max.)	mg/L			Annually	24-hr FPC
Mon. Site No. RWS-G											
Selenium, Total Recoverable (GWS =50)	Sample Measurement										
PARM Code 00981 P	Permit Requirement					Report (Max.)	ug/L			Annually	24-hr FPC
Mon. Site No. RWS-G											
Sodium, Total Recoverable (GWS = 160)	Sample Measurement										
PARM Code 00923 P	Permit Requirement					Report (Max.)	mg/L			Annually	24-hr FPC
Mon. Site No. RWS-G											

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Ormond Beach WRF

MONITORING GROUP

RWS-G

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Thallium, Total Recoverable (GWS = 2)	Sample Measurement										
PARM Code 00982 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
1,1-dichloroethylene (GWS = 7)	Sample Measurement										
PARM Code 34501 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
1,1,1-trichloroethane (GWS = 200)	Sample Measurement										
PARM Code 34506 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
1,1,2-trichloroethane (GWS = 5)	Sample Measurement										
PARM Code 34511 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
1,2-dichloroethane (GWS = 3)	Sample Measurement										
PARM Code 32103 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
1,2-dichloropropane (GWS = 5)	Sample Measurement										
PARM Code 34541 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
1,2,4-trichlorobenzene (GWS = 70)	Sample Measurement										
PARM Code 34551 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Benzene (GWS = 1)	Sample Measurement										
PARM Code 34030 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
Carbon tetrachloride (GWS = 3)	Sample Measurement										
PARM Code 32102 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
Cis-1,2-dichloroethene (GWS = 70)	Sample Measurement										
PARM Code 81686 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Ormond Beach WRF

MONITORING GROUP

RWS-G

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Dichloromethane (methylene chloride)(GWS = 5)	Sample Measurement										
PARM Code 03821 P	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
Mon. Site No. RWS-G											
Ethylbenzene (GWS = 700)	Sample Measurement										
PARM Code 34371 P	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
Mon. Site No. RWS-G											
Monochlorobenzene (GWS = 100)	Sample Measurement										
PARM Code 34031 P	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
Mon. Site No. RWS-G											
1,2-dichlorobenzene (GWS = 600)	Sample Measurement										
PARM Code 34536 P	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
Mon. Site No. RWS-G											
1,4-dichlorobenzene (GWS = 75)	Sample Measurement										
PARM Code 34571 P	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
Mon. Site No. RWS-G											
Styrene, Total (GWS = 100)	Sample Measurement										
PARM Code 77128 P	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
Mon. Site No. RWS-G											
Tetrachloroethylene (GWS = 3)	Sample Measurement										
PARM Code 34475 P	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
Mon. Site No. RWS-G											
Toluene (GWS = 1,000)	Sample Measurement										
PARM Code 34010 P	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
Mon. Site No. RWS-G											
1,2-trans-dichloroethylene (GWS = 100)	Sample Measurement										
PARM Code 34546 P	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
Mon. Site No. RWS-G											
Trichloroethylene (GWS = 3)	Sample Measurement										
PARM Code 39180 P	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
Mon. Site No. RWS-G											

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Ormond Beach WRF

MONITORING GROUP

RWS-G

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Vinyl chloride (GWS = 1)	Sample Measurement										
PARM Code 39175 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
Xylenes (GWS = 10,000)	Sample Measurement										
PARM Code 81551 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
2,3,7,8-tetrachlorodibenzo-p-dioxin(GWS = 3x10 ⁻⁵)	Sample Measurement										
PARM Code 34675 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
2,4-dichlorophenoxyacetic acid (GWS = 70)	Sample Measurement										
PARM Code 39730 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Silvex (GWS = 50)	Sample Measurement										
PARM Code 39760 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Alachlor (GWS = 2)	Sample Measurement										
PARM Code 39161 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Atrazine (GWS = 3)	Sample Measurement										
PARM Code 39033 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Benzo(a)pyrene (GWS = 0.2)	Sample Measurement										
PARM Code 34247 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Carbofuran (GWS = 40)	Sample Measurement										
PARM Code 81405 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Chlordane (tech mix. and metabolites)(GWS = 2)	Sample Measurement										
PARM Code 39350 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Ormond Beach WRF

MONITORING GROUP

RWS-G

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Dalapon (GWS = 200)	Sample Measurement										
PARM Code 38432 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Bis(2-ethylhexyl)adipate (GWS = 400)	Sample Measurement										
PARM Code 77903 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Bis (2-ethylhexyl) phthalate (GWS = 6)	Sample Measurement										
PARM Code 39100 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Dibromochloropropane (DBCP) (GWS = 0.2)	Sample Measurement										
PARM Code 82625 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
Dinoseb (GWS = 7)	Sample Measurement										
PARM Code 30191 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Diquat (GWS = 20)	Sample Measurement										
PARM Code 04443 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Endothall (GWS = 100)	Sample Measurement										
PARM Code 38926 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Endrin (GWS = 2)	Sample Measurement										
PARM Code 39390 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Ethylene dibromide (1,2-dibromoethane)(GWS = 0.02)	Sample Measurement										
PARM Code 77651 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
Glyphosate (GWS = 0.7)	Sample Measurement										
PARM Code 79743 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		mg/L		Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Ormond Beach WRF

MONITORING GROUP

RWS-G

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Heptachlor (GWS = 0.4)	Sample Measurement										
PARM Code 39410 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Heptachlor epoxide (GWS = 0.2)	Sample Measurement										
PARM Code 39420 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Hexachlorobenzene (GWS = 1)	Sample Measurement										
PARM Code 39700 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Hexachlorocyclopentadiene (GWS = 50)	Sample Measurement										
PARM Code 34386 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Gamma BHC (Lindane) (GWS = 0.2)	Sample Measurement										
PARM Code 39782 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Methoxychlor (GWS = 40)	Sample Measurement										
PARM Code 39480 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Oxamyl (vydate) (GWS = 200)	Sample Measurement										
PARM Code 38865 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Pentachlorophenol (GWS = 1)	Sample Measurement										
PARM Code 39032 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Picloram (GWS = 500)	Sample Measurement										
PARM Code 39720 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Polychlorinated Biphenyls (PCBs)(GWS = 0.5)	Sample Measurement										
PARM Code 39516 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Ormond Beach WRF

MONITORING GROUP

RWS-G

PERMIT NUMBER: FL0020532-023-DW1P

NUMBER:

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Simazine (GWS = 4)	Sample Measurement										
PARM Code 39055 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Toxaphene (GWS = 3)	Sample Measurement										
PARM Code 39400 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Trihalomethane, Total by summation(GWS = 0.080)	Sample Measurement										
PARM Code 82080 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		mg/L		Annually	Grab
Radium 226 + Radium 228, Total (GWS = 5)	Sample Measurement										
PARM Code 11503 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		pCi/L		Annually	24-hr FPC
Alpha, Gross Particle Activity (GWS = 15)	Sample Measurement										
PARM Code 80045 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		pCi/L		Annually	24-hr FPC
Aluminum, Total Recoverable (GWS = 0.2)	Sample Measurement										
PARM Code 01104 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		mg/L		Annually	24-hr FPC
Chloride (as Cl) (GWS = 250)	Sample Measurement										
PARM Code 00940 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		mg/L		Annually	24-hr FPC
Iron, Total Recoverable (GWS = 0.3)	Sample Measurement										
PARM Code 00980 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		mg/L		Annually	24-hr FPC
Copper, Total Recoverable (GWS = 1,000)	Sample Measurement										
PARM Code 01119 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Manganese, Total Recoverable (GWS = 50)	Sample Measurement										
PARM Code 11123 P Mon. Site No. RWS-G	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Ormond Beach WRF

MONITORING GROUP
NUMBER:

RWS-G

PERMIT NUMBER: FL0020532-023-DW1P

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Silver, Total Recoverable (GWS = 100)	Sample Measurement										
PARM Code 01079 P Mon. Site No. RWS-G	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
Sulfate, Total (GWS = 250)	Sample Measurement										
PARM Code 00945 P Mon. Site No. RWS-G	Permit Requirement						Report (Max.)	mg/L		Annually	24-hr FPC
Zinc, Total Recoverable (GWS = 5,000)	Sample Measurement										
PARM Code 01094 P Mon. Site No. RWS-G	Permit Requirement						Report (Max.)	ug/L		Annually	24-hr FPC
pH (GWS = 6.5-8.5)	Sample Measurement										
PARM Code 00400 P Mon. Site No. RWS-G	Permit Requirement						Report (Max.)	s.u.		Annually	Grab
Solids, Total Dissolved (TDS) (GWS = 500)	Sample Measurement										
PARM Code 70295 P Mon. Site No. RWS-G	Permit Requirement						Report (Max.)	mg/L		Annually	24-hr FPC
Foaming Agents (GWS = 0.5)	Sample Measurement										
PARM Code 01288 P Mon. Site No. RWS-G	Permit Requirement						Report (Max.)	mg/L		Annually	24-hr FPC

**FACT SHEET
FOR
STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT**

PERMIT NUMBER: FL0020532-023 (Major)
 FACILITY NAME: Ormond Beach WRF
 FACILITY LOCATION: 550 N Orchard St,
 Ormond Beach, FL 32174-9512
 Volusia County
 NAME OF PERMITTEE: City of Ormond Beach
 PERMIT WRITER: Dennise Judy

1. SUMMARY OF APPLICATION

a. Chronology of Application

Application Number: FL0020532-023-DW1P
 Application Submittal Date: June 13, 2019

b. Type of Facility

Domestic Wastewater Treatment Plant
 Ownership Type: Municipal
 SIC Code: 4952

c. Facility Capacity

Existing Permitted Capacity:	8.0 MGD Annual Average Daily Flow
Proposed Increase in Permitted Capacity:	0.0 MGD Annual Average Daily Flow
Proposed Total Permitted Capacity:	8.0 MGD Annual Average Daily Flow

d. Description of Wastewater Treatment

Treatment is provided by an existing 8.0 MGD annual average daily flow (AADF) permitted capacity advanced wastewater treatment (AWT) plant with an odor control system, influent screening, grit removal, biological nutrient removal (carousel type, 5-stage Bardenpho Process), re-aeration, chemical feed facilities, secondary clarification, tertiary filtration, high level disinfection, with post-aeration and dechlorination for the river discharge, and thickening, followed by dewatering, of biosolids. This permit authorizes modification of the piping, valving, and associated appurtenances to retrofit an existing Reclaimed Water (RW) Equalization (EQ) basin for use as a supplemental chlorine contact chamber.

e. Description of Effluent Disposal and Land Application Sites

R-001 is an existing 10.0 MGD annual average daily flow permitted capacity slow-rate public access system. R-001 consists of irrigation within the approved Reuse Service Area as shown on the attached map, to the major users identified in Part IV.A.2 of this permit. This reuse system also receives reclaimed water (RW) from the Holly Hill RW system. Excess reclaimed water, and substandard effluent, is discharged to D-001.

The Hunter's Ridge and Breakaway Trails RW storage systems receive water from supplemental groundwater wells prior to distribution within the service area.

Demineralization concentrate is blended with reclaimed water going to the slow-rate public access R-001.

D-001 is an existing 6.0 MGD annual average daily flow discharge to the Halifax River, Class III Marine waters, (WBID# 2363B). The outfall pipe is approximately 1000 feet in length and discharges at a depth of approximately 5 feet. The point of discharge is located approximately at latitude 29°17' 50" N, longitude 81°3' 26" W.

2. SUMMARY OF SURFACE WATER DISCHARGE

Pollutants which are present in significant quantities or which are subject to permit limitations are as follows:

Parameter	Units	Max/Min	Reported Value (11/30/2018 through 10/31/2019)	Statistical Basis
Flow	MGD	Min	0.03	Monthly Average
Flow	MGD	Max	5.40	Monthly Average
BOD, Carbonaceous 5 day, 20C	mg/L	Min	1.0	Monthly Average
BOD, Carbonaceous 5 day, 20C	mg/L	Max	4.15	Monthly Average
Solids, Total Suspended	mg/L	Min	0.5	Monthly Average
Solids, Total Suspended	mg/L	Max	1.23	Monthly Average
Coliform, Fecal	#/100mL	Min	0.50	Monthly Average
Coliform, Fecal	#/100mL	Max	1.25	Monthly Average
pH	s.u.	Min	7.1	Single Sample
pH	s.u.	Max	8.4	Single Sample
Chlorine, Total Residual	mg/L	Min	0.4	Single Sample
Chlorine, Total Residual	mg/L	Max	1.4	Single Sample
Chlorine, Total Residual	mg/L	Min	0.01	Monthly Average
Chlorine, Total Residual	mg/L	Max	0.01	Monthly Average
Nitrogen, Total	mg/L	Min	1.4	Monthly Average
Nitrogen, Total	mg/L	Max	2.8	Monthly Average
Phosphorus, Total (as P)	mg/L	Min	0.04	Monthly Average
Phosphorus, Total (as P)	mg/L	Max	0.2	Monthly Average
Oxygen, Dissolved (DO)	mg/L	Min	6.1	Single Sample
Oxygen, Dissolved (DO)	mg/L	Max	7.9	Single Sample
Chlorodibromomethane	ug/L	Min	13.9	Annual Average
Chlorodibromomethane	ug/L	Max	15.4	Annual Average
Dichlorobromomethane	ug/L	Min	33.7	Annual Average
Dichlorobromomethane	ug/L	Max	39.1	Annual Average
Copper, Total Recoverable	ug/L	Min	0.90	Single Sample
Copper, Total Recoverable	ug/L	Max	0.93	Single Sample
Zinc, Total Recoverable	ug/L	Min	24.9	Single Sample
Zinc, Total Recoverable	ug/L	Max	49.7	Single Sample

This facility does not have a new or expanded discharge to surface waters.

The Department does not anticipate adverse impacts on threatened or endangered species as a result of permit issuance.

3. BASIS FOR PERMIT LIMITATIONS AND MONITORING REQUIREMENTS

This facility is authorized to discharge effluent from Outfall D-001 to the Halifax River based on the following:

Parameter	Units	Max/ Min	Limit	Statistical Basis	Rationale
Flow	MGD	Max	6.0	Annual Average	62-600.700(2)(b) FAC
Flow	MGD	Max	Report	Monthly Average	62-600.700(2)(b) FAC
Flow	MGD	Max	Report	Annual Average	62-600.700(2)(b) FAC
Flow	MGD	Max	Report	Monthly Average	62-600.700(2)(b) FAC
Flow	MGD	Max	Report	Annual Average	62-600.700(2)(b) FAC
Flow	MGD	Max	Report	Monthly Average	62-600.700(2)(b) FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	5.0	Annual Average	62-600.430(1)(b) FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	6.25	Monthly Average	62-600.740(2)(b)2 FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	7.5	Weekly Average	62-600.740(2)(b)3 FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	10.0	Single Sample	62-600.740(2)(b)4 FAC
Solids, Total Suspended	mg/L	Max	5.0	Annual Average	62-600.430(1)(b) FAC
Solids, Total Suspended	mg/L	Max	6.25	Monthly Average	62-600.740(2)(b)2 FAC
Solids, Total Suspended	mg/L	Max	7.5	Weekly Average	62-600.740(2)(b)3 FAC
Solids, Total Suspended	mg/L	Max	10.0	Single Sample	62-600.740(2)(b)4 FAC
Coliform, Fecal	#/100mL	Max	200	Monthly Geometric Mean	62-600.640(5)(a)2 FAC
Coliform, Fecal	#/100mL	Max	200	Annual Average	62-600.640(5)(a)1 FAC
Coliform, Fecal	#/100mL	Max	400	90th Percentile	62-600.640(5)(a)3 FAC
Coliform, Fecal	#/100mL	Max	800	Single Sample	62-600.640(5)(a)4 FAC
Coliform, Fecal	#/100mL	Max	200	Monthly Geometric Mean	62-600.640(5)(a)2 FAC
Coliform, Fecal	#/100mL	Max	200	Annual Average	62-600.640(5)(a)1 FAC
Coliform, Fecal	#/100mL	Max	400	90th Percentile	62-600.640(5)(a)3 FAC
Coliform, Fecal	#/100mL	Max	800	Single Sample	62-600.640(5)(a)4 FAC
Enterococci	#/100mL	Max	35	Monthly Geometric Mean	62-302.530 FAC
Enterococci	#/100mL	Max	130	90th Percentile	62-302.530 FAC
pH	s.u.	Min	6.5	Single Sample	62-600.430, 62-302.530(52) & 62-650 FAC
pH	s.u.	Max	8.5	Single Sample	62-600.430, 62-302.530(52) & 62-650 FAC

Parameter	Units	Max/ Min	Limit	Statistical Basis	Rationale
Chlorine, Total Residual (For Disinfection)	mg/L	Min	0.5	Single Sample	62-600.440(5)(c) FAC
Chlorine, Total Residual (For Disinfection)	mg/L	Min	0.5	Single Sample	62-600.440(5)(c) FAC
Chlorine, Total Residual (For Dechlorination)	mg/L	Max	0.01	Single Sample	62-600.440(2) & 62-302.530(18) FAC
Nitrogen, Total	mg/L	Max	3.0	Monthly Average	62-650 FAC
Nitrogen, Total	mg/L	Max	4.5	Weekly Average	62-600.740(2)(b)3. FAC
Nitrogen, Total	mg/L	Max	6.0	Single Sample	62-600.740(2)(b)4. FAC
Phosphorus, Total (as P)	mg/L	Max	1.0	Monthly Average	62-650 FAC
Phosphorus, Total (as P)	mg/L	Max	1.5	Weekly Average	62-600.740(2)(b)3. FAC
Phosphorus, Total (as P)	mg/L	Max	2.0	Single Sample	62-600.740(1)(b)2.c. FAC
Oxygen, Dissolved (DO)	mg/L	Min	4.0	Single Sample	62-650 FAC
Nitrogen, Total	lb/yr	Max	54831	Annual Total	
Nitrogen, Total	lb/yr	Max	Report	Monthly Total	
Phosphorus, Total (as P)	lb/yr	Max	18278	Annual Total	
Phosphorus, Total (as P)	lb/yr	Max	Report	Monthly Total	
Acute Whole Effluent Toxicity, 96 Hour LC50 (Ceriodaphnia dubia)	percent	Min	100	Single Sample	62-302.200(1), 62-302.500(1)(a)4 & 62-4.241(1)(a) FAC
Acute Whole Effluent Toxicity, 96 Hour LC50 (Cyprinella leedsii)	percent	Min	100	Single Sample	62-302.200(1), 62-302.500(1)(a)4 & 62-4.241(1)(a) FAC
Dichlorobromomethane	ug/L	Max	100	Annual Average	62-302.530(35)(b)5 FAC
Enterococci	#/100mL	Max	35	Monthly Geometric Mean	62-302.500(1)(a)6. and 40 CFR Part 131.41
Enterococci	#/100mL	Max	104	Single Sample	62-302.500(1)(a)6. and 40 CFR Part 131.41

Because there is no established relationship between fecal coliform and enterococci bacteria, limitations based on both the disinfection requirements for fecal coliform from Rule 62-600.440, F.A.C., and based on the bacteriological water quality standards for enterococci for discharges to Class III predominately marine waters under Rule 62-302.530, F.A.C., have been included in the permit.

In addition to the specified limits in Condition I.A.1., the monthly average effluent concentration for carbonaceous biochemical oxygen demand (5-day) and total suspended solids shall not exceed 15% of the respective influent values (i.e., 85% removal).

A mixing zone for dichlorobromomethane (DCBM) has been approved in accordance with DEP permit file number: FL0020532-012-DW1P and is described as a rectangle centered along the diffuser with a mixing zone of 539 square meters.

Original effluent limitations were based on a Level II WQBEL titled "Halifax River Documentation, Water Quality Based Effluent Limitations," Vol. 2, No. 106, Water Quality Technical Series which was finalized by Wayne Magley and Linda Lakes on August 1, 1990. The WQBEL did not specify TSS limits. The annual effluent limitations for CBOD₅, TSS, TN and TP are Advanced Wastewater Treatment (AWT) limits, which are more stringent than the WQBEL. These limits were requested by the applicant during a previous permit renewal and have been included in all permits since then. The Waste Load allocation (WLA) for the Ormond Beach WRF discharge that was included in the 2013 Total Maximum Daily Load (TMDL) Report for the Halifax River replaced the original WQBEL limits. However, the TMDL document incorrectly stated the nitrogen concentration limit for the discharge to surface waters at 6.0 mg/L instead of the correct 3.0 mg/L concentration. **Backsliding is not permitted by EPA and the information was incorrect; therefore, the WLA remains at 54,831 lbs/yr (not 109,666 lbs/yr as stated in the TMDL final report.)** The concentration limits for CBOD₅ remain as stated in the previous permit. Although this segment of the Halifax River is also impaired for coliforms, the Department wastewater permit limits for fecal coliforms by rule are equivalent to the water quality standard for fecal coliform and therefore the discharge is not considered to be contributing to the coliform impairment.

The waste load allocations for this facility remain as follows:

<u>Parameter</u>	<u>Mass Loading (Lbs./year)</u>
CBOD ₅	182,865 (based on 5 mg/L annual average)
Total Nitrogen	54750 (based on 3 mg/L annual average)
Total Phosphorus	18278 (based on 1 mg/L annual average)

In previous permits, these limits were reported in lb/day; at 501, 150, and 50 for CBOD, TN and TP, respectively. The most recent permit required monthly total and cumulative total, for all months through the reporting month, for a given calendar year - January thru December – and is continued in this permit. The mass load limits are based on a calendar year. Basic level disinfection for the surface water discharge is required, as in the two previous permits, and is continued in this permit.

The minimum Dissolved Oxygen (DO) level of 2.0 mg/L in the earlier permits was established by the WQBEL document. However, on September 9, 2013, EPA approved revisions to Florida's criteria for DO. The revision also allowed a single sample maximum limit that meets the criteria under all conditions to be proposed by the applicant. The permittee proposed a single sample minimum DO of 4.0 mg/L. The saturation limit for oxygen in this segment of Halifax River at 60 F -the assumed minimum temperature of the effluent - would be 9.85 mg/L. Based on this value, the 38% daily average would be 4.0 mg/L, therefore, this has been established as the DO limit.

Technology based effluent limitations (TBELs) are minimum waste treatment requirements based on treatment technologies for reducing discharges of pollutants into receiving waters. TBELs are established, for domestic wastewater facilities, by state rule and statute in Chapters 62-600, 62-610, 62-611, 62-620, F.A.C., and Section 403.086, F.S.; they may also be developed in accordance with best professional judgment. TBELs are included in the permit for the following pollutants of concern:

Parameter	Units	Monitoring Location	Monitoring Group
Flow	MGD	FLW-1	D-001
Flow	MGD	FLW-6	D-001
Chlorine, Total Residual (For Disinfection)	mg/L	EFA-1	D-001
Chlorine, Total Residual (For Disinfection)	mg/L	EFA-2	D-001

Water quality based effluent limitations (WQBELs) are effluent limitations, which may be more stringent than a technology based effluent limitation, that have been determined necessary by the Department to ensure that water quality standards in a receiving body of water will not be violated. WQBELs are developed in accordance with Chapter 62-650, F.A.C., and are based on the characteristics of the discharge, the receiving water characteristics, and the criteria and standards in Chapters 62-4, 62-302, and the 62-600 series, F.A.C.; they may also be developed based on Total Maximum Daily Load (TMDL) allocations adopted in Chapter 62-304, F.A.C., or allocations developed as part of a Basin Management Action Plan (BMAP) or a Reasonable Assurance Plan (RAP). WQBELs are included in the permit for the following pollutants of concern:

Parameter	Units	Monitoring Location	Monitoring Group
BOD, Carbonaceous 5 day, 20C	mg/L	EFD-1	D-001
Solids, Total Suspended	mg/L	EFD-1	D-001
Coliform, Fecal	#/100mL	EFA-1	D-001
Coliform, Fecal	#/100mL	EFA-2	D-001
Enterococci	#/100mL	EFD-1	D-001
pH	s.u.	EFD-1	D-001
Chlorine, Total Residual (For Dechlorination)	mg/L	EFD-1	D-001
Nitrogen, Total	mg/L	EFD-1	D-001
Phosphorus, Total (as P)	mg/L	EFD-1	D-001
Oxygen, Dissolved (DO)	mg/L	EFD-1	D-001
Nitrogen, Total	lb/yr	EFD-1	D-001
Phosphorus, Total (as P)	lb/yr	EFD-1	D-001
Dichlorobromomethane	ug/L	EFD-1	D-001
Enterococci	#/100mL	EFD-1	D-001

Pollutants of concern were identified for WQBEL development based on an evaluation of all available information, including a characterization of the pollutants that may be discharged, fifth year inspection data, the sources of pollutants, existing controls on pollutants, available dilution, background pollutant levels in the receiving waters, and the toxicity of pollutants.

Unless otherwise noted, effluent limitations were developed by applying water quality criteria at the end of pipe.

Effluent limitations were determined based on an evaluation of the impact of the discharge on receiving water bodies. This evaluation was conducted in accordance with the TMDL process described in Rule 62-304, F.A.C. For each effluent limitation included in the permit, technology and water quality-based limitations were compared and the most stringent limitation was selected. The current effluent nutrient loading limits were established in the finalized Halifax River TMDL Report (dated July 1, 2013) and meet the Numeric Nutrient Criteria for the receiving water body.

This facility has provided reasonable assurance that the discharge will not adversely affect the designated use of the receiving water. Fifth year inspection data, as well as all other available data, have been evaluated in accordance with the Department's reasonable assurance procedures to ensure that no limits other than those included in this permit are needed to maintain Florida water quality standards. The proposed effluent limitations will be achieved during the period beginning on the issuance date and lasting through the expiration date of the permit. A Water Quality Based Effluent Limit (WQBEL) Level I Analysis was performed for this permit renewal. The facility has provided reasonable assurance that, if all conditions of this permit are met, the discharge will not adversely affect the designated use of the receiving water.

This facility was previously required to conduct chronic toxicity testing for this discharge because it was used on a regular basis. The discharge has become intermittent due to the expansion of the Public Access Reuse System. Therefore, acute toxicity testing is now included in the permit (96-hour LC50 with not less than 100% effluent.) with provisions for conducting a shorter duration sampling event due to the short-term nature of their discharges.

This facility is authorized to direct reclaimed water to Reuse System R-001, a slow-rate public access system, based on the following:

Parameter	Units	Max/Min	Limit	Statistical Basis	Rationale
Flow	MGD	Max	10.0	Annual Average	62-600.700(2)(b) & 62-610.810(5) FAC
Flow	MGD	Max	Report	Monthly Average	62-600.700(2)(b) & 62-610.810(5) FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	20.0	Annual Average	62-610.460 & 62-600.420(3)(a)1. FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	30.0	Monthly Average	62-610.460 & 62-600.420(3)(a)2. FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	45.0	Weekly Average	62-610.460 & 62-600.420(3)(a)3. FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	60.0	Single Sample	62-610.460 & 62-600.420(3)(a)4. FAC
Solids, Total Suspended	mg/L	Max	5.0	Single Sample	62-610.460(1) & 62-600.440(6)(a)3. FAC
Coliform, Fecal	#/100mL	Max	25	Single Sample	62-610.460 & 62-600.440(6)(a)2. FAC
Coliform, Fecal, % less than detection	percent	Min	75	Minimum Total	62-610.460 & 62-600.440(6)(a)1. FAC
pH	s.u.	Min	6.0	Single Sample	62-600.445 FAC
pH	s.u.	Max	8.5	Single Sample	62-600.445 FAC
Chlorine, Total Residual (For Disinfection)	mg/L	Min	1.0	Single Sample	62-600.440(6)(b), 62-610.460(2), & 62-610.463(2) FAC
Turbidity	NTU	Max	Report	Single Sample	62-610.463(2) FAC
Giardia	cysts/100L	Max	Report	Single Sample	62-610.463(4) FAC
Cryptosporidium	oocysts/100L	Max	Report	Single Sample	62-610.463(4) FAC
Flow (Ground Water from Hunters Ridge Well)	MGD	Max	Report	Annual Average	62-600.700(2)(b) & 62-610.810(5) FAC
Flow (Ground Water from Hunters Ridge Well)	MGD	Max	Report	Monthly Average	62-600.700(2)(b) & 62-610.810(5) FAC
Flow (Ground Water from Breakaway Trails Well)	MGD	Max	Report	Annual Average	62-600.700(2)(b) & 62-610.810(5) FAC
Flow (Ground Water from Breakaway Trails Well)	MGD	Max	Report	Monthly Average	62-600.700(2)(b) & 62-610.810(5) FAC
Coliform, Fecal (Ground Water from Hunters Ridge Well)	#/100mL	Max	Report	Single Sample	62-610.472(4)(a)3. FAC
Coliform, Fecal (Ground Water from Breakaway Trails Well)	#/100mL	Max	Report	Single Sample	62-610.472(4)(a)3. FAC

Parameter	Units	Max/ Min	Limit	Statistical Basis	Rationale
Flow (Concentrate)	MGD	Max	1.0	Annual Average	62-610.865(8)(b) & 62-610.810(5) FAC
Flow (Concentrate)	MGD	Max	Report	Monthly Average	62-600.700(2)(b) & 62-610.810(5) FAC
Nitrogen, Total	mg/L	Max	Report	Annual Average	62-600.650(3)FAC
Nitrogen, Total	mg/L	Max	Report	Monthly Average	62-600.650(3)FAC
Solids, Total Suspended (Blend)	mg/L	Max	Report	Single Sample	62-610.865(8)(e) FAC
Phosphorus, Total (as P)	mg/L	Max	Report	Annual Average	62-601.300(6)FAC
Phosphorus, Total (as P)	mg/L	Max	Report	Monthly Average	62-601.300(6)FAC
pH (Blend)	s.u.	Max	Report	Single Sample	62-610.865(8)(e) FAC
pH (Blend)	s.u.	Min	Report	Single Sample	62-610.865(8)(e) FAC
Specific Conductance (Blend)	umhos/cm	Max	Report	Single Sample	62-610.865(8)(c) FAC
Fluoride, Total (as F) (Blend)	mg/L	Max	Report	Single Sample	62-610.865(8)(e) FAC
Blend Ratio	ratio	Max	Report	Single Sample	62-610.865(6)(d) FAC
Sodium Adsorption Ratio (Blend)	ratio	Max	Report	Single Sample	62-610.865(8)(e) FAC
Sodium, Total Recoverable (Blend)	mg/L	Max	Report	Single Sample	62-610.865(8)(e) FAC
Magnesium, Total Recoverable (Blend)	mg/L	Max	Report	Single Sample	62-610.865(8)(e) FAC
Calcium, Total Recoverable (Blend)	mg/L	Max	Report	Single Sample	62-610.865(8)(e) FAC
Chloride (as Cl) (Blend)	mg/L	Max	Report	Single Sample	62-610.865(8)(e) FAC
Solids, Total Dissolved (TDS) (Blend)	mg/L	Max	Report	Single Sample	62-610.865(8)(e) FAC

Monthly monitoring of the effluent for Total Nitrogen and Total Phosphorus has been retained in this permit, as allowed by Rule 62-601.300(6), FAC, because the facility is located in an impaired water basin.

Other Limitations and Monitoring Requirements:

Parameter	Units	Max/ Min	Limit	Statistical Basis	Rationale
Flow (total through plant)	MGD	Max	8.0	Annual Average	62-600.700(2)(b) FAC
		Max	Report	Monthly Average	62-600.700(2)(b) FAC
		Max	Report	Quarterly Average	62-600.700(2)(b) FAC

Parameter	Units	Max/ Min	Limit	Statistical Basis	Rationale
Percent Capacity, (TMADF/Permitted Capacity) x 100	percent	Max	Report	Monthly Average	62-600.405(4) FAC
BOD, Carbonaceous 5 day, 20C (Influent)	mg/L	Max	Report	Single Sample	62-600.660(1) FAC
Solids, Total Suspended (Influent)	mg/L	Max	Report	Single Sample	62-600.660(1) FAC
Monitoring Frequencies and Sample Types	-	-	-	All Parameters	62-600 FAC & 62-699 FAC and/or BPJ of permit writer
Sampling Locations	-	-	-	All Parameters	62-600, 62-610.412, 62-610.463(1), 62- 610.568, 62-610.613 FAC and/or BPJ of permit writer

4. IMPAIRMENT STATUS OF RECEIVING WATERS

Under Section 303(d) of the Clean Water Act, the Department is required to submit lists of impaired waters to EPA. The receiving water body for this discharge is listed on the 303(d) list. This segment of the Halifax River was included on the State of Florida 1998 303d planning list and has an approved TMDL for nutrients. The approved TMDL for the Halifax River includes the Ormond Beach discharge and is based on the WQBEL document. Since the TMDL has been established only for nutrients and not coliforms, which is also listed as a parameter of concern for this segment of the Halifax River, the following is included as a condition of this permit: Coliforms and nutrients are listed as parameters of concern on the 1998 303d planning list for this segment of the Halifax River. This discharge is in compliance with the approved Total Maximum Daily Load (TMDL) for the Halifax River for nutrients. The Department may develop a TMDL for coliforms during the life of this permit. Once a TMDL has been established and adopted by rule, the Department shall revise this permit to incorporate the final findings of the TMDL, pursuant to Rule 62-620.325, Florida Administrative Code. This may include revised or new limits for coliforms.

5. DISCUSSION OF CHANGES TO PERMIT LIMITATIONS

The current wastewater permit for this facility FL0020532-023-DW1P expires on March 5, 2025. The following parameters are not included in the permit for monthly monitoring because they have been determined to not have the reasonable potential to exceed the water quality standard: Chlorodibromomethane (CDBM), copper, silver and zinc have been below the water quality standards at levels that provide assurance that there is no reasonable potential to exceed the standard. TTHMs and Bis(2-ethylhexyl) phthalate have been added to the GWMP because they were present in the annual reclaimed water scan.

6. BIOSOLIDS MANAGEMENT REQUIREMENTS

Biosolids generated by this facility may be transferred to a DEP approved biosolids treatment facility (BTF) or disposed of in a Class I solid waste landfill.

See the table below for the rationale for the biosolids quantities monitoring requirements.

Parameter	Units	Max/ Min	Limit	Statistical Basis	Rationale
Biosolids Quantity (Transferred)	dry tons	Max	Report	Monthly Total	62-640.650(5)(a)1. FAC
Biosolids Quantity (Landfilled)	dry tons	Max	Report	Monthly Total	62-640.650(5)(a)1. FAC
Monitoring Frequency	All Parameters				62-640.650(5)(a) FAC

7. GROUND WATER MONITORING REQUIREMENTS

Ground water monitoring requirements have been established in accordance with Chapters 62-520, 532, 600, 610, and 620, F.A.C.

8. PERMIT SCHEDULES

A schedule is included in the wastewater permit to complete the conversion of the RW EQ tank to a supplemental chlorine contact chamber. Approximately one year is anticipated for completion of the conversion, but it should be implemented as soon as possible

9. INDUSTRIAL PRETREATMENT REQUIREMENTS

The permittee has an active, approved industrial pretreatment program. The permit includes standard conditions requiring implementation and enforcement of the existing program.

10. ADMINISTRATIVE ORDERS (AO) AND CONSENT ORDERS (CO)

This permit is not accompanied by an AO, and the permittee has not entered into a CO with the Department that affects this permit.

11. REQUESTED VARIANCES OR ALTERNATIVES TO REQUIRED STANDARDS

No variances were requested for this facility.

12. THE ADMINISTRATIVE RECORD

The administrative record including application, draft permit, fact sheet, public notice (after release), comments received and additional information is available on the Department's electronic filing system:

[https://depdms.dep.state.fl.us:443/Oculus/servlet/shell?command=hitlist&\[freeText=\]&\[folderName=\]&\[profile=Permitting_Authorization\]&\[creator=\]&\[entityType=any\]&\[createdDateTo=\]&\[catalog=38\]&\[searchBy=Profile\]&\[sortBy=Document+Date\]&\[createdDate=\]&\[County=_EQ_VOLUSIA\]&\[District=_EQ_CD\]&\[Facility-Site+ID=_EQ_FL0020532\]&\[Document+Date=_RG_\(06-01-2019,02-13-2020\)\]&\[Document+Type=_EQ_PERMIT+APPLICATION+RELATED\]&\[Permit+Type=_EQ_DW+-+DOMESTIC+WASTEWATER+FACILITY\]&\[Facility+Type=_LK_DOMESTIC+WASTEWATER\]](https://depdms.dep.state.fl.us:443/Oculus/servlet/shell?command=hitlist&[freeText=]&[folderName=]&[profile=Permitting_Authorization]&[creator=]&[entityType=any]&[createdDateTo=]&[catalog=38]&[searchBy=Profile]&[sortBy=Document+Date]&[createdDate=]&[County=_EQ_VOLUSIA]&[District=_EQ_CD]&[Facility-Site+ID=_EQ_FL0020532]&[Document+Date=_RG_(06-01-2019,02-13-2020)]&[Document+Type=_EQ_PERMIT+APPLICATION+RELATED]&[Permit+Type=_EQ_DW+-+DOMESTIC+WASTEWATER+FACILITY]&[Facility+Type=_LK_DOMESTIC+WASTEWATER])

13. PROPOSED SCHEDULE FOR PERMIT ISSUANCE

Draft Permit and Public Notice to Applicant and EPA	February 14, 2020
Public Comment Period	Beginning: February 17, 2020 Ending: March 16, 2020
Proposed Permit to EPA	March 18, 2020
Notice of Intent to Issue	April 10, 2020
Notice of Permit Issuance	May 8, 2020

14. DEP CONTACT

Additional information concerning the permit and proposed schedule for permit issuance may be obtained during normal business hours from:

Florida Department of Environmental Protection
Permitting and Wastewater Cleanup Program
Central District Office
3319 Maguire Blvd
Suite 232
Orlando, FL 32803-3767
Telephone No.: 407-897-4100



Florida Department of Environmental Protection

Twin Towers Office Bldg., 2600 Blair Stone Road, Tallahassee, Florida 32399-2400

PATHOGEN MONITORING

Part I - Instructions

1. Completion of this report is required by Rules 62-610.463(4), 62-610.472(3)(d), 62-610.525(13), 62-610.568(11), 62-610.568(12), and 62-610.652(6)(c), F.A.C., for all domestic wastewater facilities that provide reclaimed water to certain types of reuse activities. The schedule for sampling and reporting shall be in accordance with the permit for the facility. If a schedule for sampling or re-sampling is not included in the permit, the following schedule shall apply:
 - a. Routine Sampling:

If sampling is required once every two years, this report shall be submitted on or before November 28 of each even numbered year (2006, 2008, 2010, etc.).

If sampling is required once every five years, this report shall be submitted with the application for permit renewal.

If sampling is required quarterly, this report shall be submitted on or before February 28, May 28, August 28, and November 28 of each year.
 - b. Subsequent Re-Sampling:

If subsequent re-sampling is required by Item 9 in Part I of this form, this form shall be submitted for the subsequent re-sampling(s) in accordance with the schedule established in Item 9 in Part I of this form.
2. Submit one copy of this form and a copy of the laboratory's final report for the analysis of *Giardia* and *Cryptosporidium* to each of the following two addresses:
 - a. The appropriate DEP district office (attention Domestic Wastewater Program). Addresses for the DEP district offices are available at www.dep.state.fl.us/secretary/dist/default.htm.
 - b. DEP Water Reuse Coordinator
Mail Station 3540
2600 Blair Stone Road
Tallahassee, Florida 32399-2400
3. Please type or print legibly.
4. In Part II, Items 7 through 12 need to be completed only if this is the first submittal of this report, if the information in Items 7 through 12 has changed since the last submittal, or if the information in any of these questions has not been previously provided.

5. Part III is to be used when sampling for *Giardia* and *Cryptosporidium* at the treatment plant. Part III is also to be used when sampling for *Giardia* and *Cryptosporidium* in a supplemental water supply (see Rule 62-610.472, F.A.C.).
6. For each sample, record the sample volume obtained in liters.
7. For *Giardia*, record the concentrations in cysts per 100 liters. For *Cryptosporidium*, record the concentrations in oocysts per 100 liters. Sufficient sample volumes shall be collected and processed such that the detection limit is no greater than 5 cysts or oocysts per 100 liters. Detection levels on the order of 1 cyst or oocyst per 100 liters are recommended. If an observation is less than the detection limit, make an entry in the form "<2" (where 2 per 100 liters is the detection limit in this example). The actual detection limit will be dictated by the volumes of sample obtained, filtered, and processed. Do NOT record nondetectable values as zero.
8. EPA Method 1623 or other approved methods for reclaimed water or nonpotable waters, adjusted appropriately to accommodate the detection limit requirements, shall be used. Methods previously allowed for EPA's Information Collection Rule (ICR) shall not be used. The full requirements of the approved method, including quality assurance and quality control, are to be met. Quality assurance and sampling requirements in Chapter 62-160, F.A.C., shall apply.

Two concentrations of *Giardia* and *Cryptosporidium* shall be recorded on Part III of this form:

- a. Total cysts and oocysts shall be enumerated using EPA Method 1623 or other approved methods.
 - b. Potentially viable cysts and oocysts shall be enumerated using the DAPI staining technique contained in EPA Method 1623 or similar enumeration techniques included in other approved methods. Cysts and oocysts that are stained DAPI positive or show internal structure by D.I.C. shall be considered as being potentially viable. If the laboratory reports separate values for DAPI positive and for cysts or oocysts having internal structure, the larger of the two concentrations will be reported as being potentially viable.
9. If the number of potentially viable cysts of *Giardia* reported exceeds 5 per 100 liters, a subsequent sample shall be taken and analyzed using EPA Method 1623 or other approved methods and reported using this form. If the number of potentially viable oocysts of *Cryptosporidium* reported exceeds 22 per 100 liters, a subsequent sample shall be taken and analyzed using EPA Method 1623 or other approved methods and reported using this form. This subsequent sample shall be collected within 90 days of the date the initial sample was taken, analyzed for both *Giardia* and *Cryptosporidium*, and the results of the subsequent analysis shall be submitted to DEP using this form within 60 days of sample collection.
 10. Rule 62-160.300, F.A.C., requires that all laboratories generating environmental data for submission to the DEP shall hold certification from the Department of Health's (DOH) Environmental Laboratory Certification Program (ELCP). Certification by the ELCP for analysis of *Giardia* and *Cryptosporidium* using EPA Method 1623 for non-potable waters is required. If other approved methods are used, certification by the ELCP is required for the specific method and for the test matrix. Lists of certified laboratories can be found at www.dep.state.fl.us/labs/cgi-bin/aams/index.asp
 11. Samples shall be collected during peak flow periods (normally between the hours of 8:00 a.m. and 6:00 p.m.).
 12. Recognizing that concentrations of these pathogens generally increase during the late summer through fall period, it is recommended that utilities sample during the August through October time period.

13. If the wastewater treatment facility uses chlorination for disinfection, samples obtained for analysis of *Giardia* and *Cryptosporidium* shall be dechlorinated.
14. When sampling at the treatment facility, obtain a grab sample for total suspended solids (TSS) that is representative of the water leaving the filters at the treatment facility during the period when pathogen samples are being obtained. In addition, record the highest turbidity and the lowest total chlorine residual observed during the period when pathogen samples are being obtained.
15. When sampling a supplemental water supply, obtain a grab sample for total suspended solids (TSS) that is representative of the surface water or treated stormwater as it is added to the reclaimed water system. This TSS sample shall be taken during the period when pathogen samples are being obtained. In addition, record the lowest total chlorine residual observed during the period when pathogen samples are being obtained.

Part II - General Information

1. DEP wastewater facility identification number: **FL0020532**

Wastewater facility name: Ormond Beach WRF

Permittee name: City of Ormond Beach

2. Person completing this form:

Name: _____

Telephone: (_____) _____

Email address: _____

3. Sampling and analysis:

Date samples were taken: _____

Organization collecting the samples: _____

Was the sample dechlorinated in the field? ☐ Yes ☐ No

Was the sample refrigerated or kept on ice during shipment to the laboratory? ☐ Yes ☐ No

Date samples delivered to laboratory: _____

Date analytical work was done: _____

Laboratory doing the analysis: _____

Laboratory's DOH Identification Number: _____

Approved method used:

☐ EPA Method 1623

☐ Other approved method: _____

Contact person at the laboratory: _____

Email address of the lab contact person: _____

4. Is this the first time that this form has been submitted for the facility?

☐ Yes [Please complete Questions 7 through 16.]

☐ No [Proceed to Question 5.]

5. Is this a report of "subsequent re-sampling" required by Item 9 in Part I of this form based on concentrations of potentially viable cysts or oocysts in a previous sampling?

- ☐ No [Proceed to Question 6.]
- ☐ Yes [Attach a description of any facility or operational changes made to the treatment facilities since the time of the previous sampling and proceed to Question 6.]

6. Has the information requested in Questions 7 through 12 (below) changed since the last submittal of this form?

- ☐ Yes [Please complete Questions 7 through 16.]
- ☐ No [Proceed to Questions 13 through 16 of Part II of this form. You do not need to complete Questions 7 through 12.]

7. Type of secondary treatment system:

- ☐ Conventional activated sludge ☐ Extended aeration
- ☐ Contact stabilization ☐ Biological nutrient removal (such as Bardenpho)
- ☐ Other: _____

8. Does this treatment facility nitrify (convert ammonia nitrogen to nitrate)? ☐ Yes ☐ No

9. Filter type:

- ☐ Deep bed, single media ☐ Deep bed, multiple media
- ☐ Shallow bed, automatic backwash ☐ Upflow (including Dynasand)
- ☐ Slow rate sand filter ☐ Diatomaceous earth filter
- ☐ Fabric filter ☐ Cartridge filter
- ☐ Membranes (microfiltration, ultrafiltration, membrane bioreactor, reverse osmosis)
- ☐ Other: _____

10. Filter Media (complete for each type of media provided):

Top layer of media: Media type: _____

Effective size: _____ mm

Uniformity coefficient: _____

Bed depth: _____ inches

Middle layer of media: Media type: _____
 Effective size: _____ mm
 Uniformity coefficient: _____
 Bed depth: _____ inches

Bottom layer of media: Media type: _____
 Effective size: _____ mm
 Uniformity coefficient: _____
 Bed depth: _____ inches

11. Filter backwash water:

- ☐ Backwash water is returned to the headworks of the treatment plant.
- ☐ Backwash water is returned to the aeration basin.
- ☐ Other. Please describe: _____

12. Disinfection system:

- ☐ Chlorination, gas ☐ Hypochlorite
- ☐ Chlorine dioxide ☐ Chlorination, other _____
- ☐ Ultraviolet ☐ Ozone
- ☐ Other: _____

13. Is chlorine added before the filters? ☐ No ☐ Yes Dose: _____ mg/L

14. During the period that samples were taken, did you add a coagulant, coagulant aid, polyelectrolyte, or other chemical to enhance filtration?

- ☐ No
- ☐ Yes. Please list the chemicals being added and their dose.

Chemical 1 - Name: _____ Dose: _____ mg/L

Chemical 2 - Name: _____ Dose: _____ mg/L

Chemical 3 - Name: _____ Dose: _____ mg/L

15. Wastewater treatment plant permitted capacity: _____ MGD

16. Wastewater flow being treated at the time samples were collected: _____ MGD

PART III - PATHOGEN MONITORING REPORT

FACILITY ID: FL0020532

FACILITY NAME: Ormond Beach WRF

FACILITY ADDRESS: 550 N Orchard St, Ormond Beach, FL 32174-9512

PERMITTEE NAME: City of Ormond Beach

MAILING ADDRESS: 22 S Beach St, Ormond Beach, Florida 32174-6386

DATE OF SAMPLING: _____

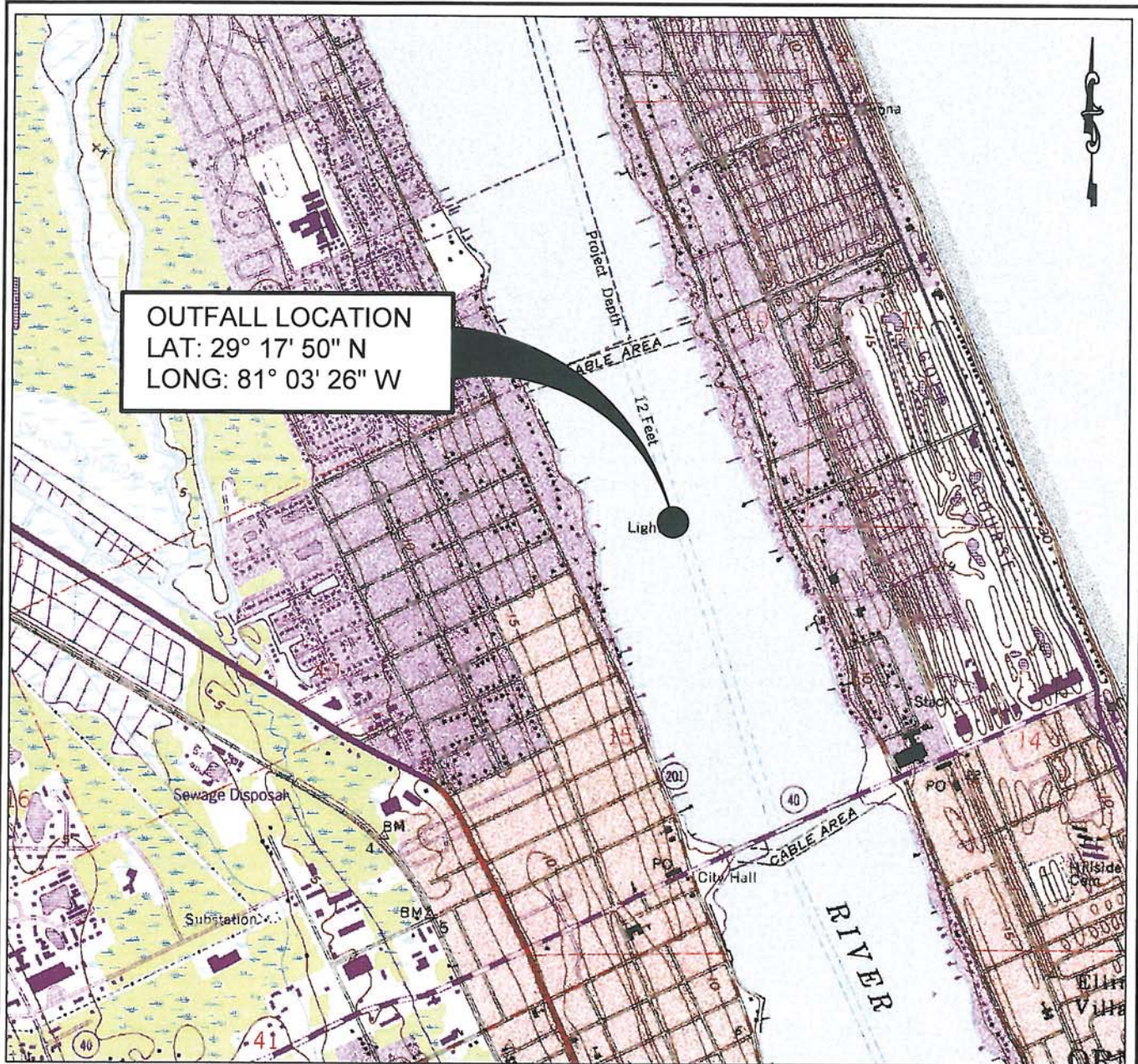
Parameter	Quantity or Loading		Quality or Concentration	
	Sample Measurement	Units	Sample Measurement	Units
Treatment Plant: After Filter Monitoring Site No. EFB-1				
Turbidity PARM Code 00070				NTU
TSS PARM Code 00530				mg/L
Treatment Plant: After Disinfection Monitoring Site No. EFA-1				
Total Chlorine Residual PARM Code 50060				mg/L
Volume Collected PARM Code 71994		Liters		
<i>Giardia</i> , total count * PARM Code GIARD				total cysts/100 L
<i>Giardia</i> , potentially viable cysts * PARM Code VGIAR				potentially viable cysts/100 L
<i>Cryptosporidium</i> , total count * PARM Code CRYPT				total oocysts/100 L
<i>Cryptosporidium</i> , potentially viable oocysts * PARM Code VCRYP				potentially viable oocysts/100 L
Supplemental Water Supply (surface water or stormwater): After Treatment & Disinfection Monitoring Site No.				
TSS PARM Code 00530				mg/L
Total Chlorine Residual PARM Code 50060				mg/L
Volume Collected PARM Code 71994		Liters		
<i>Giardia</i> (total count) * PARM Code GIARD				total cysts/100 L
<i>Giardia</i> , potentially viable cysts * PARM Code VGIAR				potentially viable cysts/100 L
<i>Cryptosporidium</i> , total count * PARM Code CRYPT				total oocysts/100 L
<i>Cryptosporidium</i> , potentially viable oocysts * PARM Code VCRYP				potentially viable oocysts/100 L

* Data entries must be made for both total and potentially viable cysts and oocysts.

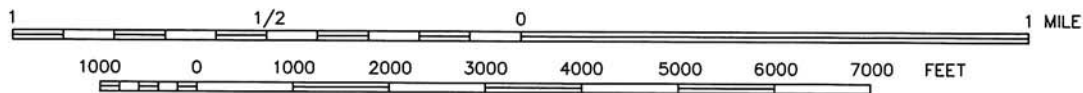
PART IV - CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based upon my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Name/Title of Principle Executive Officer or Authorized Agent (Type or Print)	Signature of Principle Executive Officer or Authorized Agent	Telephone No.	Date (YY/MM/DD)
Email Address			



GRAPHIC SCALE:

LOCATION MAP

SECTION 40
TOWNSHIP 14S
RANGE 32E

FROM ORMOND BCH, FLA.
U S C & G QUADRANGLE

PURPOSE:
DOMESTIC WASTEWATER
FACILITY PERMIT
CITY OF ORMOND BEACH
VOLUSIA COUNTY, FLORIDA

PREPARED BY:
QUENTIN L. HAMPTON ASSOC. INC.
P.O. DRAWER 290247
PORT ORANGE, FLORIDA 32129-0247

FIGURE #2

DATE: 03/14



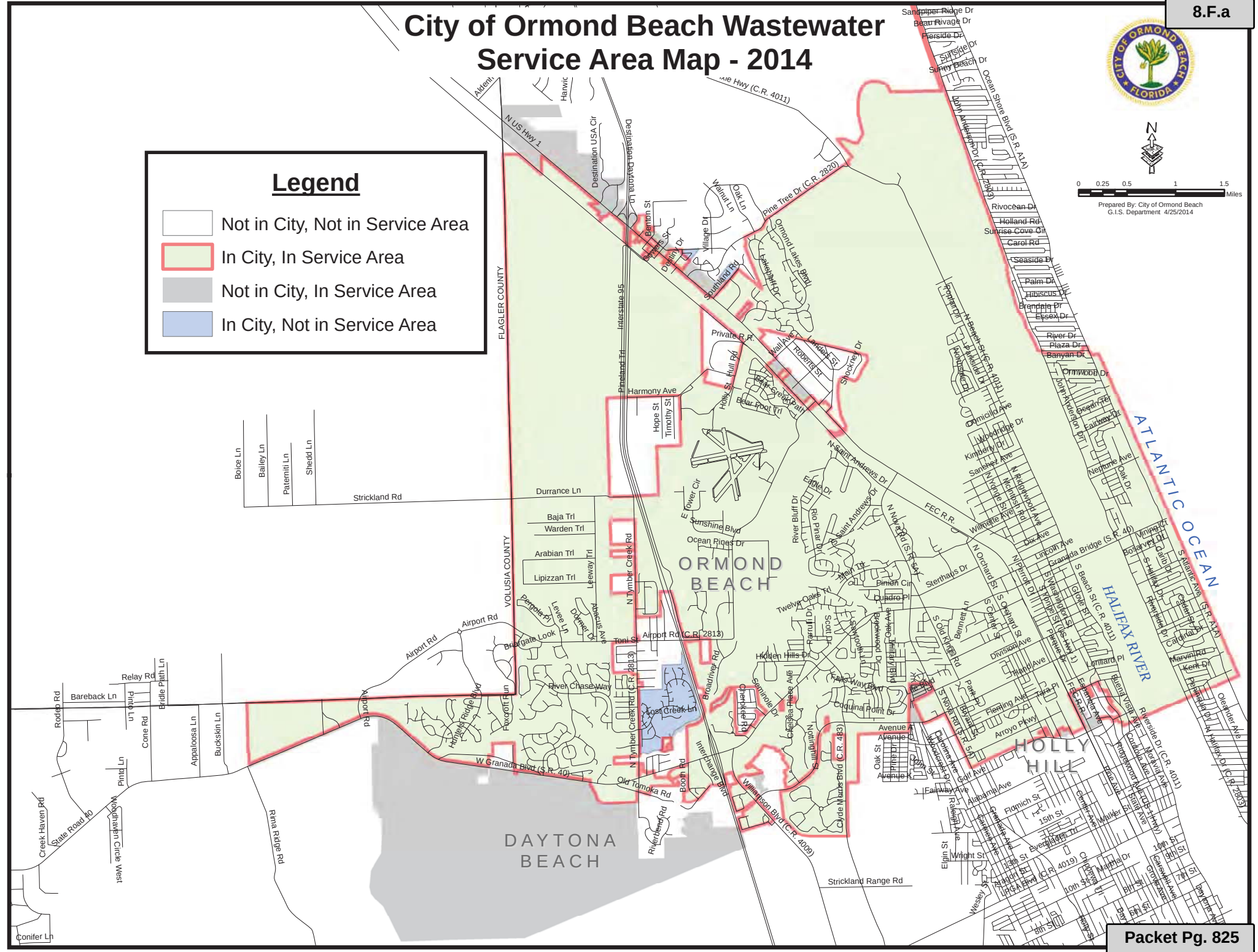
0 0.25 0.5 1 1.5 Miles

Prepared By: City of Ormond Beach
G.I.S. Department 4/25/2014

City of Ormond Beach Wastewater Service Area Map - 2014

Legend

- Not in City, Not in Service Area
- In City, In Service Area
- Not in City, In Service Area
- In City, Not in Service Area





0 0.25 0.5 1 Miles

Prepared By: City of Ormond Beach
G.I.S. Department 4/30/2014

City of Ormond Beach Reclaimed Water Service Area Map - 2014

Legend

O.B. RECLAIMED WATER SERVICE AREA - 2,302 Acres

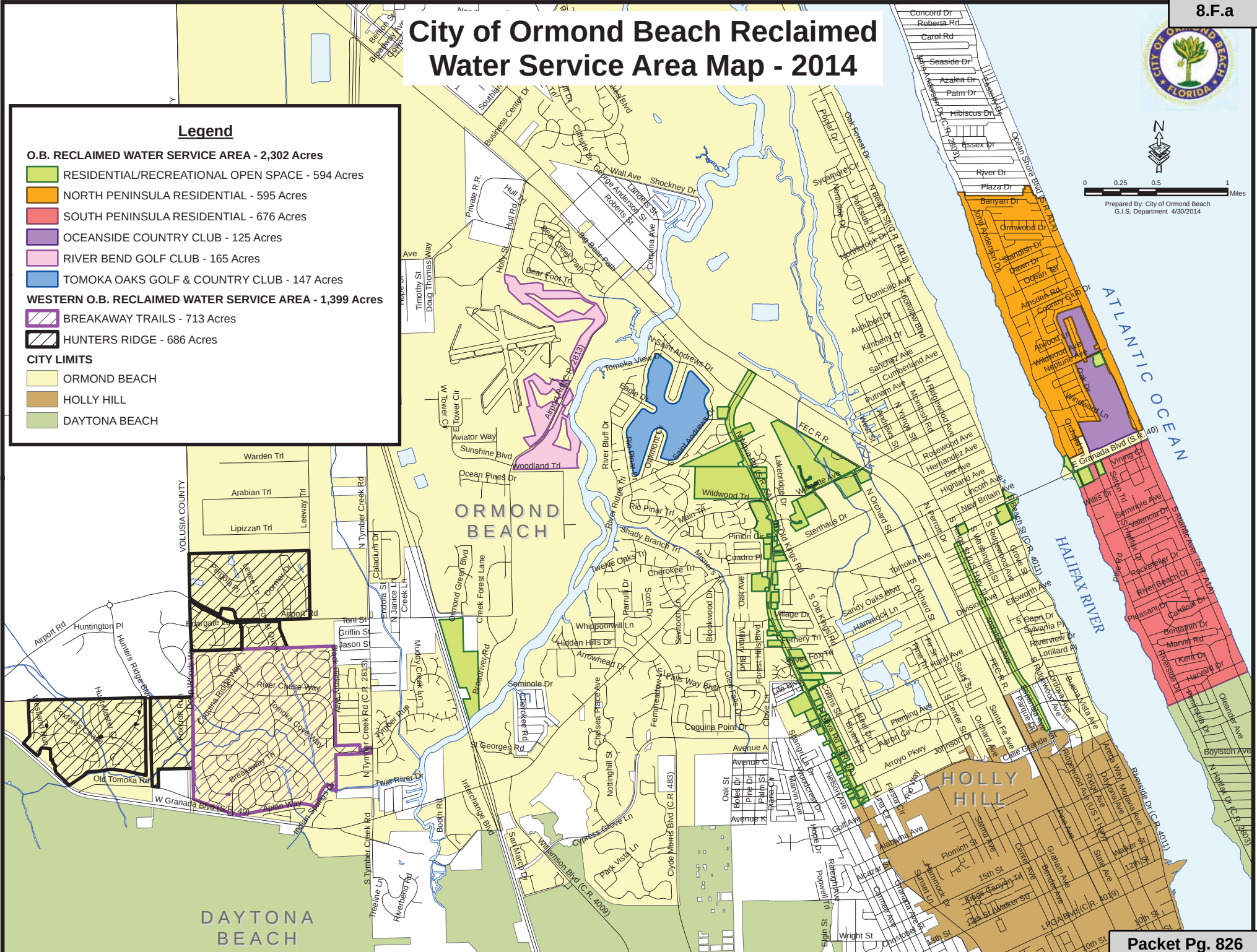
- RESIDENTIAL/RECREATIONAL OPEN SPACE - 594 Acres
- NORTH PENINSULA RESIDENTIAL - 595 Acres
- SOUTH PENINSULA RESIDENTIAL - 676 Acres
- OCEANSIDE COUNTRY CLUB - 125 Acres
- RIVER BEND GOLF CLUB - 165 Acres
- TOMOKA OAKS GOLF & COUNTRY CLUB - 147 Acres

WESTERN O.B. RECLAIMED WATER SERVICE AREA - 1,399 Acres

- BREAKAWAY TRAILS - 713 Acres
- HUNTERS RIDGE - 686 Acres

CITY LIMITS

- ORMOND BEACH
- HOLLY HILL
- DAYTONA BEACH



7. Reclaimed Water Reuse and Effluent Disposal

Method of Reuse or Disposal	Number of Reuse or Disposal Points	Total Design Capacity (mgd)	Basis of Design Flow
Surface Waters - Excluding Ocean Outfalls and Wetlands (Rule 62-600.510, F.A.C.)	1	6.0	Annual Average
Ocean Outfalls (Rule 62-600.520, F.A.C.)			
Wetlands (Rule 62-600.620, F.A.C.)			
Reuse of Reclaimed Water and Land Application (Rule 62-600.530, F.A.C.)	+/- 2,800ac (Prop: +/-3,700ac)	7.5 (Proposed: 10.0mgd)	Annual Average
Ground Water Disposal by Underground Injection (Rule 62-600.540, F.A.C.)			
Other (Describe)			
Total	2	13.5 (Prop: 16.0mgd)	Annual Average

8. Flows to Another Wastewater Facility

a. Does the facility discharge or transport treated or untreated wastewater to another treatment facility?

☐ Yes ☒ No

b. If yes, describe the mean(s) by which the wastewater from the treatment facility is discharged or transported to the other treatment facility (e.g., collection/transmission system, reclaimed water distribution system)?

N/A

If transport is by a party other than the applicant, provide the following:

Transporter name: N/A

Mailing Address:

Contact person:

Title:

Telephone number:

c. For each treatment facility that receives this discharge, provide the following:

Name: N/A

Mailing Address:

Contact person:

Title:

Telephone number:

7. Type of Reuse or Land Application System

- ☐ Slow-rate land application system/restricted public access (Chapter 62-610, F.A.C., Part II)
☒ Slow-rate land application system/public access areas, residential irrigation, and edible crop irrigation (Chapter 62-610, F.A.C., Part III)
☐ Rapid-rate land application system (Chapter 62-610, F.A.C., Part IV)
☐ Absorption field system (Chapter 62-610, F.A.C., Part V)
☐ Overland flow system (Chapter 62-610, F.A.C., Part VI)
☐ Other land application system with additional levels of preapplication treatment (Rule 62-610.660, F.A.C.)
☐ Other land application system with lower levels of preapplication treatment (Rule 62-610.670, F.A.C.)

8. Application Areas and Rates

Site/Use Type/Major User	Area (acres)	Rate (inches/week)	Capacity (mgd)
SEE ATTACHED TABLE			
Residential/Recreational/Cemetery	3,264	0.60	7.60
Golf Courses	437	1.4	2.38
Total	3,702		9.98

9. Additional Information Required for Reuse Systems Permitted Under Part III of Chapter 62-610, F.A.C.**a. Areas Irrigated**

- ☒ Residential lawns
☒ Golf courses
☒ Cemeteries
☒ Parks, playgrounds
☒ Landscape areas
☒ Highway medians, rights-of-way
☐ Edible crops
☐ Others

If other, specify _____

b. Other Uses of Reclaimed Water

- ☐ Toilet flushing
☒ Fire protection
☐ Construction dust control
☐ Aesthetic purposes (decorative ponds, fountains, etc.)
☐ Others

If other, specify. Reclaimed supplies fire hydrants in Breakaway Trails & Hunters Ridge subdivisions

CITY OF ORMOND BEACH WWTF
FDEP OPERATING PERMIT RENEWAL 2014

ADDITIONAL INFORMATION FOR FORM 2A:

Section 3B, Item 8.

Site Number	User Name	User Type	Acreage	Rate (in/wk)	Capacity (MGD)
PAA-1	North Peninsula – Residential	Residential Developments	595	0.60	1.38
PAA-2	Residential/Recreational Open Space	Residential Developments	594	0.60	1.38
PAA-3a	Oceanside Golf Course	Golf Course	125	1.4	0.68
PAA-3b	Tomoka Oaks Golf Course	Golf Course	147	1.4	0.80
PAA-3c	River Bend Golf Course (Future)	Golf Course	165	1.4	0.90
PAA-4	Western Ormond Beach – Residential	Residential Developments	1,399	0.60	3.26
PAA-5	South Peninsula-Residential	Residential Developments	676	0.60	1.57
TOTAL:			3,3701	--	9.98

ADDENDUM NO. 2

June 4, 2020

TO: Prospective Bidders and Others Concerned.**SUBJECT:** Addendum # 2 **BID 2020-23 LABORATORY TESTING SERVICES**

NOTE: This addendum consists of the following documents. It is the Contractor's responsibility to ensure that all documents have been downloaded and reviewed prior to submitting bids on the work.

TO ALL BIDDERS: You are requested to make all changes and/or additions contained in this Addendum to the Bidding Documents. Failure to acknowledge this Addendum in Proposal may result in rejection of bid.

The Project Manual shall be amended as follows:

Item 1: The deadline for questions to be submitted originally stated as June 1, 2020 at 5:00 p.m. has now been extended to June 8, 2020 at 5:00 p.m.

Item 2: The bid opening originally scheduled for June 10, 2020 at 2:00 p.m. has now been extended to June 17, 2020 at 2:30 p.m.

Item 3: Please delete "Page 16R of 33" from Addendum No. 1 and replace it with "Page 16R2 of 33."

Item 4: The following additional information is being provided in response to inquiries received.

Question 1: Can I please have some clarifications on the Addendum 1 answers? Specifically, Question 1, Question 15 and Question 16, the answer said that Asbestos and dioxin are not part of the permit. I see dioxin in the tables of the permit for RWS-A, RWS-B, RWS-C, RWS-G. Is this not for the Reuse Effluent Analysis section of the bid sheet on page 15R of 33?

Answer 1: YES, contrary to statements issued in Addendum No. 1, Dioxin is in fact included and required in accordance with the permit. To assist bidders, the relevant direct excerpt of the permit is provided herewith, and states the following:

During the period of operation authorized by this permit, reclaimed water or effluent shall be monitored annually for the primary and secondary drinking water standards contained in Chapter 62-550, F.A.C., (except for asbestos, total coliform, color, odor, and residual disinfectants). These monitoring results shall be reported to the Department annually on the RWS-A DMR. During years when a permit is not renewed, a certification stating that no new non-domestic wastewater dischargers have been added to the collection system since the last reclaimed water or effluent analysis was conducted may be submitted with the signed DMR in lieu of performing the analysis. When such a certification is submitted with the DMR, monitoring not required this period should be noted on the DMR. The annual reclaimed

water or effluent analysis report, and certification if applicable, shall be completed and submitted in a timely manner so as to be received by the Department at the address identified on the DMR by January 28 of each year. Approved analytical methods identified in Rule 62-620.100(3) (j), F.A.C., shall be used for the analysis. If no method is included for a parameter, methods specified in Chapter 62-550, F.A.C., shall be used. *[62-600.660(2) and (3) (d)][62-600.680(2)][62-610.300(4)]*

Question 2: If the pricing sheet will not be altered, how will we decipher weekend work costs from weekday costs for specific tests and courier?

Answer 2: The pricing sheet, page 16R2 of 33, has been altered and made part of this addendum. A line item has been added beneath Fecal Coliform entitled “Fecal Coliform Additional Costs for Weekend Work” with a unit quantity of 104.

In all other respects, except as specifically stated herein, the subject BID 2020-23 LABORATORY TESTING SERVICES remains unchanged.

**THIS ADDEDNDUM MUST BE ACKNOWLEDGED AND
RETURNED WITH YOUR BID**

COMPANY NAME: _____

SIGNATURE: _____ **DATE:** _____

TO ALL BIDDERS: You are requested to make all changes and/or additions contained in this Addendum to the Bidding Documents. Failure to acknowledge this Addendum in Proposal may result in rejection of bid.

The foregoing changes are hereby incorporated into the Bidding Contract Documents for CITY OF ORMOND BEACH– BID 2020-23 LABORATORY TESTING SERVICES, for the City of Ormond Beach.

City of Ormond Beach, Florida

END OF ADDENDUM NO. 2

Wastewater

PARAMETERS	Methods	Matrix	MDL	No. of Samples	Unit Cost	Subtotal
Priority Pollutants for Effluent and Influent (including: 608, 624,625,Cyanide,phenolics, Hg,Sb,As,Be,Cd,Cr,Cu,Pb,Ni, Se,Ag,Tl,Zn, Oil & Grease	Various	WW		2	\$	\$
	SEE PERMIT					
503 Sludge	Various	WW		4	\$	\$
Cryptosporidium and Giardia	1623	WW		1	\$	\$
Acute Bioassay	EPA 821-R-02-012 (FW acute) (2000.0)	WW		2	\$	\$
Low Level Mercury	1631E	WW		2	\$	\$
Sampling Disposal Fee for Mercury		WW		2	\$	\$
Nickel	200.8	WW		12	\$	\$
Copper	200.8	WW		12	\$	\$
Dichlorobromomethane	524.2	WW		12	\$	\$
Zinc	200.8	WW		12	\$	\$
Sodium	200.7	WW		52	\$	\$
Magnesium	200.7	WW		52	\$	\$
Calcium	200.7	WW		52	\$	\$
Chloride	300.0	WW		52	\$	\$
TDS	2540C	WW		52	\$	\$
Fluoride	300.0	WW		52	\$	\$
CBOD	SM5210B	WW		540	\$	\$
TSS	2540D	WW		644	\$	\$
TKN	351.2	WW		540	\$	\$
NOX	353.2	WW		260	\$	\$
TP	365.4	WW		520	\$	\$
Enterococci	Enterolert/ Quant-tray	WW		260	\$	\$
Fecal Coliform	SM9222D	WW		365	\$	\$
Fecal Coliform Additional Costs for Weekend Work		WW		104		
Wastewater Subtotal						\$

ADDENDUM NO. 3

June 9, 2020

TO: Prospective Bidders and Others Concerned.**SUBJECT:** Addendum # 3 **BID 2020-23 LABORATORY TESTING SERVICES**

NOTE: This addendum consists of the following documents. It is the Contractor's responsibility to ensure that all documents have been downloaded and reviewed prior to submitting bids on the work.

TO ALL BIDDERS: You are requested to make all changes and/or additions contained in this Addendum to the Bidding Documents. Failure to acknowledge this Addendum in Proposal may result in rejection of bid.

The Project Manual shall be amended as follows:

Item 1: The following additional information is being provided in response to inquiries received.

Question 1: Can we provide the large documents, such as the Quality Manuals, PT studies, audits and certifications on a CD or thumb drive only?

Answer 1: To assist bidders and reduce replication costs, the vendors shall have the option of supplying a paper copy of the "large documents" listed in the **Scope of Work, 2. Bid Requirements/ Information to be Provided with the Bidder's Submission**, as appearing on pages 11R and 12R, Item "a" and Items "c" through "k" inclusive. Bidders shall still submit a paper copy of Item 2.b, which states "A price list must be submitted with your Bid showing individual parameter prices (for all listed parameters), method numbers, and method detection limits. Costs shall be firm for the duration of the contract." While bidders have the option of supplying a paper copy of the items as noted herewith, this addendum does not relieve the bidder of supplying the required documents in digital format. In addition, should the bidder choose to omit submittal of certain documents in paper format, then it shall be the responsibility of the bidder to provide one paper copy of a "Table of Contents" or "List of Attachments" or "List of Exhibits" or other appropriately titled paper submittal that clearly identifies and lists each of the documents that are only provided in a digital format.

Question 2: For the Quality Manual can we mark it as a confidential document and only the city of Ormond Beach will have access to it?

Answer 2: No, upon submission of the bid documents, the Quality Manual shall be considered a public document and will not be considered confidential. We are not aware of any exemption which would cause that information to be confidential. If vendor would like to provide something to the contrary, we can take a look at it.

In all other respects, except as specifically stated herein, the subject BID 2020-23 LABORATORY TESTING SERVICES remains unchanged.

**THIS ADDEDNDUM MUST BE ACKNOWLEDGED AND
RETURNED WITH YOUR BID**

COMPANY NAME: _____

SIGNATURE: _____ **DATE:** _____

TO ALL BIDDERS: You are requested to make all changes and/or additions contained in this Addendum to the Bidding Documents. Failure to acknowledge this Addendum in Proposal may result in rejection of bid.

The foregoing changes are hereby incorporated into the Bidding Contract Documents for CITY OF ORMOND BEACH– BID 2020-23 LABORATORY TESTING SERVICES, for the City of Ormond Beach.

City of Ormond Beach, Florida

END OF ADDENDUM NO. 3



CITY OF ORMOND BEACH

City Manager • 22 S. Beach Street • Ormond Beach • Florida • 32174 • (386) 676-3200 • Fax (386) 676-3384

CITY MANAGER MEMORANDUM

To: The Honorable Mayor Partington and City Commissioners

Through: Joyce A. Shanahan, City Manager

From: Shawn Finley, Public Works Director

Date: July 28, 2020

Subject: Award of Laboratory Testing Services Bid No. 2020-23

Commission Goal: Water Quality and Environment - Other

Introduction

This is a request to award a contract to Pace Analytical Services, Incorporated (hereafter referred to as "Pace") to perform water and wastewater facility sample testing and lab analysis for assessing plant performance, and for compliance verification purposes with state and federal permit requirements for various constituents.

Background

Laboratory services are required to perform testing on ground water, potable water, sanitary sewer influent, effluent, reclaimed water and biosolids to verify compliance with state and federal requirements for various constituents. The City's current contract for lab services was originally bid in 2015 and was awarded to Pace. The current contract will expire on July 28, 2020. Having been in place for the maximum five years, the existing contract is not renewable.

The City solicited bids for testing services from qualified laboratories for one year periods, while providing an annual renewal clause, thereby making the contract effective for up to a maximum period of five years. Bids were received from two laboratories, ranging from \$61,418 to \$69,805. A copy of the bid tabulation sheet recorded at the June 17, 2020, bid opening is attached for reference.

Discussion

Staff reviewed the bids and identified the lowest responsive bid to be submitted from Pace in the amount of \$61,418. The City is currently contracted with Pace and is satisfied with the results, quality control and service provided from this laboratory. In addition, Pace provided all required supplementary information in its bid submittal. Pace is a local business and is located at 8 Tower Circle in the City's Airport Business Park.

Budget Impact

The total budgeted annual cost for laboratory services is \$100,000 in the FY 2019-2020 operating budget. Funding is split between Water Treatment in an amount of \$15,000 and Wastewater Treatment in an amount of \$85,000.

Citizen Impact

The accurate testing of water and wastewater in accordance with federal and state regulatory guidelines is absolutely essential in order to safely and successfully operate a water utility. Contracting with a knowledgeable, reputable, and experienced vendor ensures that public health, safety, and welfare are safeguarded, ensuring that our water resources are protected for the long term benefit of present and future generations.

Recommendation

Staff recommends award of Bid No. 2020-23 to the lowest responsive bidder, Pace Analytical Services, Incorporated, in the amount of \$61,418 for annual laboratory testing services.

Attachments:

- 20-85 Lab Svcs-Pace Analytical (P20-0108G) (PDF)
- Pace Analytical Services (P20-0108G) (PDF)
- 2020-23 Addendum 1 Combined Final (PDF)
- 2020-23 Addendum 2 (PDF)
- 2020-23 Addendum 3 (PDF)
- 2020-23 Bid Tab Combined (PDF)

REVIEWED BY:


Kelly McGuire, Finance Director 7/17/2020


Claire Whitley, Assistant City Manager 7/20/2020

APPROVED BY:


Joyce A. Shanahan, City Manager 7/23/2020

Time: 2:30 P.M.

[illegible]

Opened By:

Robert Schattler
(Signature)
Purchasing Coordinator
(Title)

Tabulated By:

Tabulated By: Rogay J. Smith
(Signature)
UTILITIES ENGINEER
(Title)

**BID OPENING TABULATION****Project: Laboratory Testing Services****Bid Number: 2020-23****Date & Time: June 17, 2020 2:30pm**

Contractor	Addendum 1, 2, 3	Total Bid
Pace Analytical Ormond Beach, FL	YES	61,418.00
Flowers Chemical Labs Altamonte Springs, FL	YES	69,805.00

Please Note: The bid proposals are currently being reviewed. All submittals accepted by the City of Ormond Beach are subject to the City's terms and conditions and any and all additional terms and conditions submitted by the bidders are rejected and shall have no force and effect. Bid documents from the bidders listed herein are the only submittals received timely as of the above opening date and time. All other bid documents submitted in response to this

Robert Schattie
Purchasing Coordinator

A handwritten signature in blue ink, reading "Robert Schattie", is written over a horizontal line.



CITY OF ORMOND BEACH

City Manager • 22 S. Beach Street • Ormond Beach • Florida • 32174 • (386) 676-3200 • Fax (386) 676-3384

CITY MANAGER MEMORANDUM

To: The Honorable Mayor Partington and City Commissioners
Through: Joyce A. Shanahan, City Manager
From: Kelly McGuire, Finance Director
Date: September 7, 2022
Subject: Firefighters' Pension Trust Fund
Commission Goal: Governance - Other

Introduction

This is a request by the Firefighters' Pension Trust Fund board to amend certain provisions of the Firefighters' pension ordinance.

Background

The Firefighters' Pension Trust Fund investment options has been reviewed with possible changes in the form of amendments presented for review and consideration.

Discussion

For the past year, the Fire Pension Board members have been discussing various options to potentially increase investment returns in differing market conditions. With guidance from the board's long-time financial advisor, the Firefighters' Pension Board approved the following changes to the pension ordinance:

- The Board may invest up to a maximum of 30% of the Fund's total portfolio at cost in Alternative assets. "Alternative assets" shall mean an investment by the Board of Trustees in non-traditional asset classes including, but not limited to, private equity, private real assets, natural resources/energy, infrastructure, structured products, direct investment in a portfolio company through an investment manager or general partner, venture capital, hedge fund, hedge fund of funds, private debt, commodities, insurance products, derivatives, and distressed securities.
- The Board may invest in group trusts.
- The Board may invest in other reasonable investment vehicles as may be determined by the Board, and while any portion of the assets of the Fund are

invested in such other investment vehicles, the terms of such are adopted by the Fund or plan only to the extent so required to comply with applicable laws. For the avoidance of doubt, any such adoption shall not affect benefits afforded, eligibility conditions or administration as provided by the System.

Budget Impact

The board has no immediate plans to invest in alternative assets. The board's assumed rate of return is 7% annually and they will utilize this new option to help meet this assumption based market conditions and the advice of their financial advisor.

Citizen Impact

There is no citizen impact.

Recommendation

The Firefighters' Pension Board approved the proposed amendments at their August 26, meeting. As the ordinance provides a limit on investment in alternative assets of 30%, staff recommends approval of the ordinance.

Attachments:

- 22-27 Investment Authority (FF - Rev 19Aug2022) (P22-0111G) (PDF)
- Ormond Beach Alts Education Presentation 5 2022 (PDF)
- Ormond Beach Alts Cover Letter 6 2022 (PDF)

REVIEWED BY:


Kelly McGuire, Finance Director 8/29/2022


Claire Whitley, Assistant City Manager 8/29/2022

APPROVED BY:


Joyce A. Shanahan, City Manager 8/29/2022

ORDINANCE NO. 2022-27

AN ORDINANCE OF THE CITY OF ORMOND BEACH, FLORIDA, AMENDING ARTICLE III, FIREFIGHTERS' PENSION TRUST FUND, OF CHAPTER 16, PENSIONS AND RETIREMENT, OF THE CODE OF ORDINANCES; AMENDING SECTION 16-43, ESTABLISHMENT AND OPERATION OF FUND; FINANCES AND FUND MANAGEMENT; PROVIDING FOR SEVERABILITY OF PROVISIONS; PROVIDING FOR CODIFICATION; REPEALING ALL ORDINANCES IN CONFLICT HERewith AND PROVIDING AN EFFECTIVE DATE.

BE IT ENACTED BY THE PEOPLE OF THE CITY OF ORMOND BEACH, FLORIDA, THAT:

SECTION ONE. Subsection (f), of Section 16-43, Establishment and operation of fund; finances and fund management, of Article III, Firefighters' Pension Trust Fund, of Chapter 16, Pensions and Retirement, of the City of Ormond Beach, Florida, *Code of Ordinances*, is hereby amended by adding the following underlined language and deleting the strikethrough language, to read as follows:

Sec. 16-43. – Establishment and operation of fund; finances and fund management.

(f) The board shall have the following investment powers and authority:

- (1) *(No change in text)*
- (2) All monies paid into or held in the fund shall be invested and reinvested by the board and the investment of all or any part of such funds shall be limited to:
 - a. Annuity and life insurance contracts with life insurance companies in amounts sufficient to provide, in whole or in part, the benefits to which all of the members in the fund shall be entitled under the provisions of this system and pay the initial and subsequent premium thereon.
 - b. Time or savings accounts of a national bank, a state bank insured by the bank insurance fund or a savings/building and loan association insured by the savings association insurance fund which is administered by the Federal Deposit Insurance Corporation or a state or federal chartered credit union whose share accounts are insured by the national credit union share insurance fund.

- c. Obligations of the United States or obligations guaranteed as to principal and interest by the government of the United States or by an agency of the government of the United States.
- d. Bonds issued by the State of Israel.
- e. Stocks, commingled funds administered by national or state banks, mutual funds and bonds or other evidences of indebtedness, provided that:
 - 1. Except as provided in subsection (f)(2)e.2 of this section, all individually held securities and all securities in a commingled or mutual fund must be issued or guaranteed by a corporation organized under the laws of the United States, any state or organized territory of the United States, or the District of Columbia, provided that the corporation is traded on a nationally recognized exchange and, in the case of bonds only, shall hold a rating in one of the three highest classifications by a major rating service.
 - 2. Not more than 25 percent of the assets of the fund at market value may be invested in foreign securities.
 - 3. The board shall not invest more than five percent of its assets in the common stock, capital stock or convertible securities of any one issuing company; nor shall the aggregate investment in any one issuing company exceed five percent of the outstanding capital stock of that company; nor shall the aggregate of its investments in common stock, capital stock and convertible securities at market exceed 70 percent of the assets of the fund.
- f. Real estate received by the fund as a gift, donation or devise.
- g. The board may invest up to ten percent in private real estate through an institutional, open-ended vehicle. The institutional vehicle shall provide diversification of property type and geographical location.

- h. The Board may invest up to a maximum of 30% of the Fund's total portfolio at cost in Alternative assets. "Alternative assets" shall mean an investment by the Board of Trustees in non-traditional asset classes including, but not limited to, private equity, private real assets, natural resources/energy, infrastructure, structured products, direct investment in a portfolio company through an investment manager or general partner, venture capital, hedge fund, hedge fund of funds, private debt, commodities, insurance products, derivatives, and distressed securities.
- i. The Board may invest in group trusts meeting the requirements of Internal Revenue Service Revenue Ruling 81-100 and Revenue Ruling 2011-1 or successor rulings or guidance of similar import, and operated or maintained exclusively for the commingling and collective investment of monies, provided that the funds in the group trust consist exclusively of trust assets held under plans qualified under Section 401(a) of the Code, individual retirement accounts that are exempt under Section 408(e) of the Code, eligible governmental plans that meet the requirements of Section 457(b) of the Code, and governmental plans under 401(a)(24) of the Code. For this purpose, a trust includes a custodial account that is treated as a trust under Section 401(f) or under Section 457(g)(3) of the Code. While any portion of the assets of the Fund are invested in such a group trust, such group trust is itself adopted as a part of the Fund, provided, however, any such limited adoption shall in no way alter or amend the terms of the System with respect to benefits afforded, eligibility conditions or administration.
- j. The Board may invest in other reasonable investment vehicles as may be determined by the Board, and while any portion of the assets of the Fund are invested in such other investment vehicles, the terms of such are adopted by the Fund or plan only to the extent so required to comply with applicable laws. For the avoidance of doubt, any such adoption shall not affect benefits afforded, eligibility conditions or administration as provided by the System.

(3) through (13) *(No change in text)*

SECTION TWO. Specific authority is hereby granted to codify and incorporate this Ordinance in the existing Code of Ordinances of the City of Ormond Beach.

SECTION THREE. If any section, subsection, sentence, clause, phrase of this ordinance, or the particular application thereof shall be held invalid by any court, administrative agency, or other body with appropriate jurisdiction, the remaining section, subsection, sentences, clauses, or phrase under application shall not be affected thereby.

SECTION FOUR. All ordinances or parts of ordinances in conflict herewith be and the same are hereby repealed to the extent of such conflict.

SECTION FIVE. This ordinance shall take effect immediately upon adoption.

PASSED UPON at the first reading of the City Commission, this 7th day of September, 2022.

PASSED UPON at the second and final reading of the City Commission, this 21st day of September, 2022.

BILL PARTINGTON
Mayor

ATTEST:

SUSAN CARROLL DAUDERIS
City Clerk

City of Ormond Beach Pension Plans

Alternative Investments Education

May 2022

Scott Owens CFA[®], CIMA[®]
Managing Director – Wealth Management
Institutional Consulting Director
Alternative Investments Director
Scott.Owens@msgraystone.com
(813) 227-2027

Andy McIlvaine
Associate Vice President
Institutional Consultant
Andy.mcilvaine@msgraystone.com
(813) 227-2160



Innovative Strategies to Address Financial Challenges

The power of alternative investments derives from their versatility to offer innovative strategies that align with sophisticated investors' financial goals. Across the variety of available strategies, these can be organized into four core solutions.

Income Generation

Products that seek higher returns/yield and lower volatility versus traditional fixed income investments, with potential for low correlation to stocks and bonds, a reliable current income stream and an inflation hedge

- Non-Traded REITs
- Private Credit
 - Business Development Companies
 - Direct Lending
 - Opportunistic Strategies
- Private Real Estate Funds / Real Assets

Tax Advantages

Products designed to alleviate yearly tax liability, defer payment of capital gains, harness tax-managed structures or offer a step up in basis and tax advantaged income

- Private Placement Variable Annuities
- Private Placement Life Insurance
- 1031 Exchange Funds
- Equity Exchange Funds
- Qualified Opportunity Zone Funds

Alternative Investments: 4 Core Solutions

Portfolio Diversification

Products that strive to maintain low correlations with traditional equity markets, with potential for lower portfolio volatility, increased risk-adjusted returns and reduced reliance on any one company, sector, country, etc.

- Absolute Return Hedge Fund Strategies
- Equity Long/Short Funds
- Funds of Hedge Funds
- Relative Value Hedge Funds
- Infrastructure

Growth Orientation

Products that aim to generate excess returns and provide clients with incremental upside potential, wealth accumulation strategies or seek to take advantage of the "illiquidity premium" of private markets

- Private Equity
 - Venture Capital
 - Growth Equity
 - Leveraged Buyout
 - Secondaries & Co-Investments
- Equity Long/Short Funds

Source: Morgan Stanley Wealth Management Alternative Investments Group.

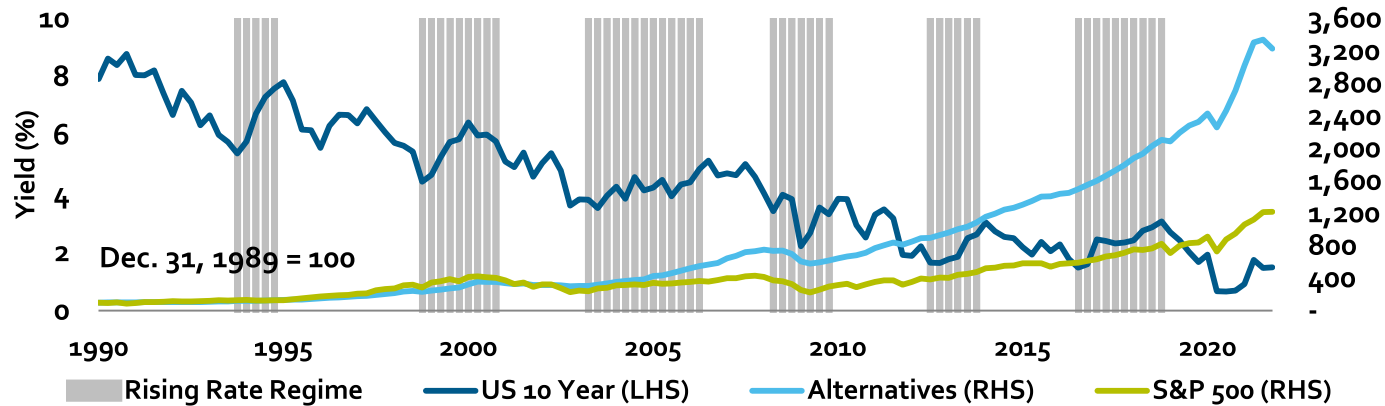
Alternative Investments are not appropriate for all investors and are only available to qualified investors.

Past performance is no guarantee of future results. Estimates of future performance are based on assumptions that may not be realized. This material is not a solicitation of any offer to buy or sell any security or other financial instrument or to participate in any trading strategy. Please refer to important information, disclosures and qualifications at the end of this material.

Alternative Investments Offer Diversification in Challenging Market Environments

Alternatives' Outperformance in *Rising Rate* Environments

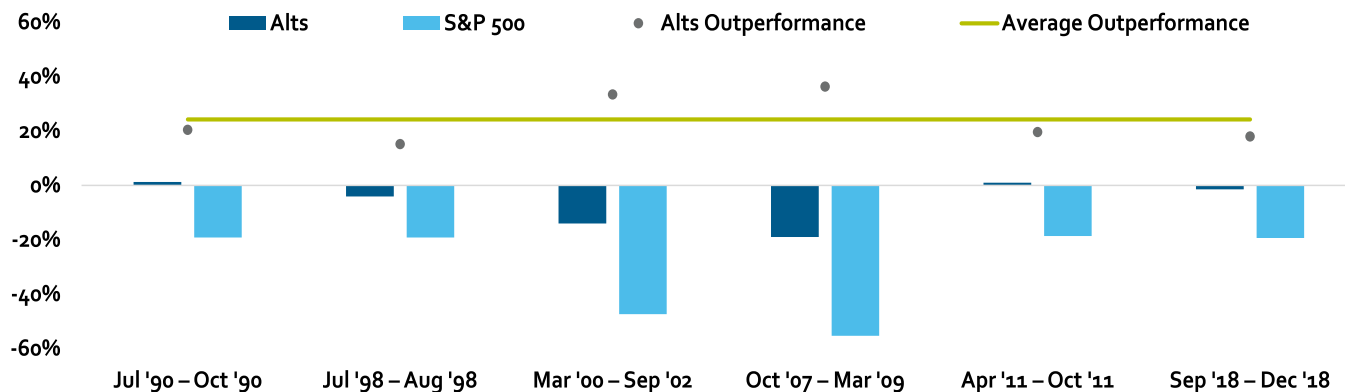
Quarterly Data as of December 31, 2021



Avg. Alts
outperformance
in rising rate
environments **+29%**

Alternatives' Outperformance in *Equity Bear Markets*

Historical Data 1980-2020



Avg. Alts
outperformance
in equity bear
markets **+25%**

Source: Bloomberg; Morgan Stanley Wealth Management. Alternatives Investments are composed of 16.6% Equity Hedge (HFRI Equity Hedge Index), 16.6% Equity Neutral (HFRI Equity Market Neutral Index), 33% Private Equity, and 33% Real Estate (National Council of Real Estate Investment Fiduciaries Property Index -NCREIF). Performance illustrated does not reflect fees or expenses, actual investor returns would be lower if these were deducted.

Past performance is no guarantee of future results. Estimates of future performance are based on assumptions that may not be realized. This material is not a solicitation of any offer to buy or sell any security or other financial instrument or to participate in any trading strategy. Please refer to important information, disclosures and qualifications at the end of this material.

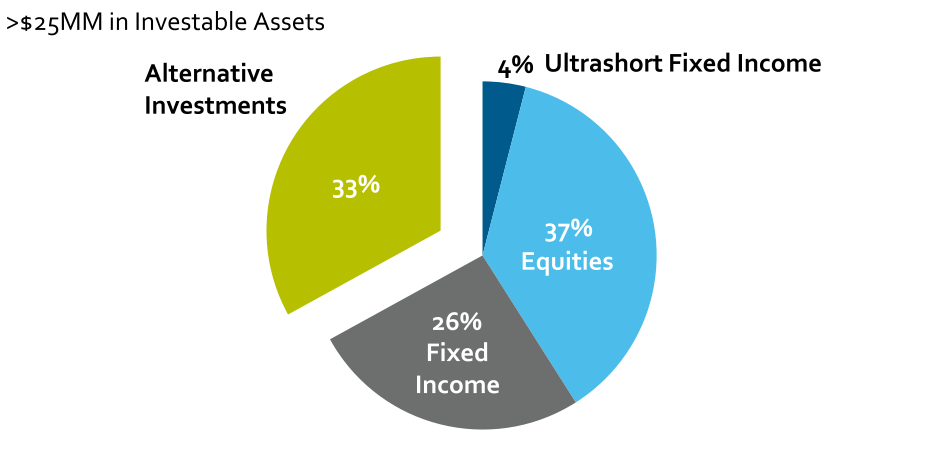
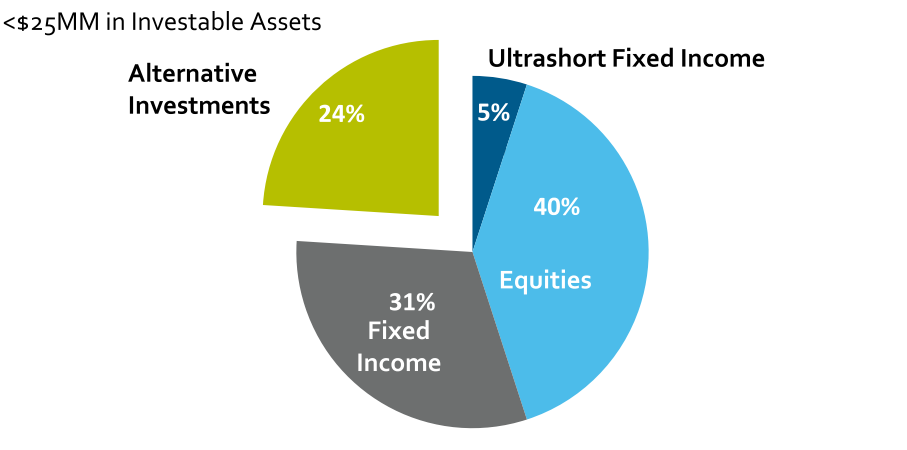
Global Investment Committee: Alternative Investment Strategic Asset Allocation

The Morgan Stanley Wealth Management Global Investment Committee (GIC) continually monitors developing economic and market conditions, reviews tactical outlooks, recommends model portfolio weightings, and also produces a suite of strategy, analysis, commentary, other reports and broadcasts

Depending on investor risk tolerance and net worth, the GIC may recommend a certain allocation to alternative investments to gain additional benefits of diversification. These guidelines serve as one source for your Financial Advisor’s or Private Wealth Advisor’s asset allocation advice

Ask your Financial Advisor or Private Wealth Advisor for more details and current allocation models at the time you are making your investment decisions

PORTFOLIO DIVERSIFICATION: GLOBAL INVESTMENT COMMITTEE STRATEGIC ASSET ALLOCATION¹



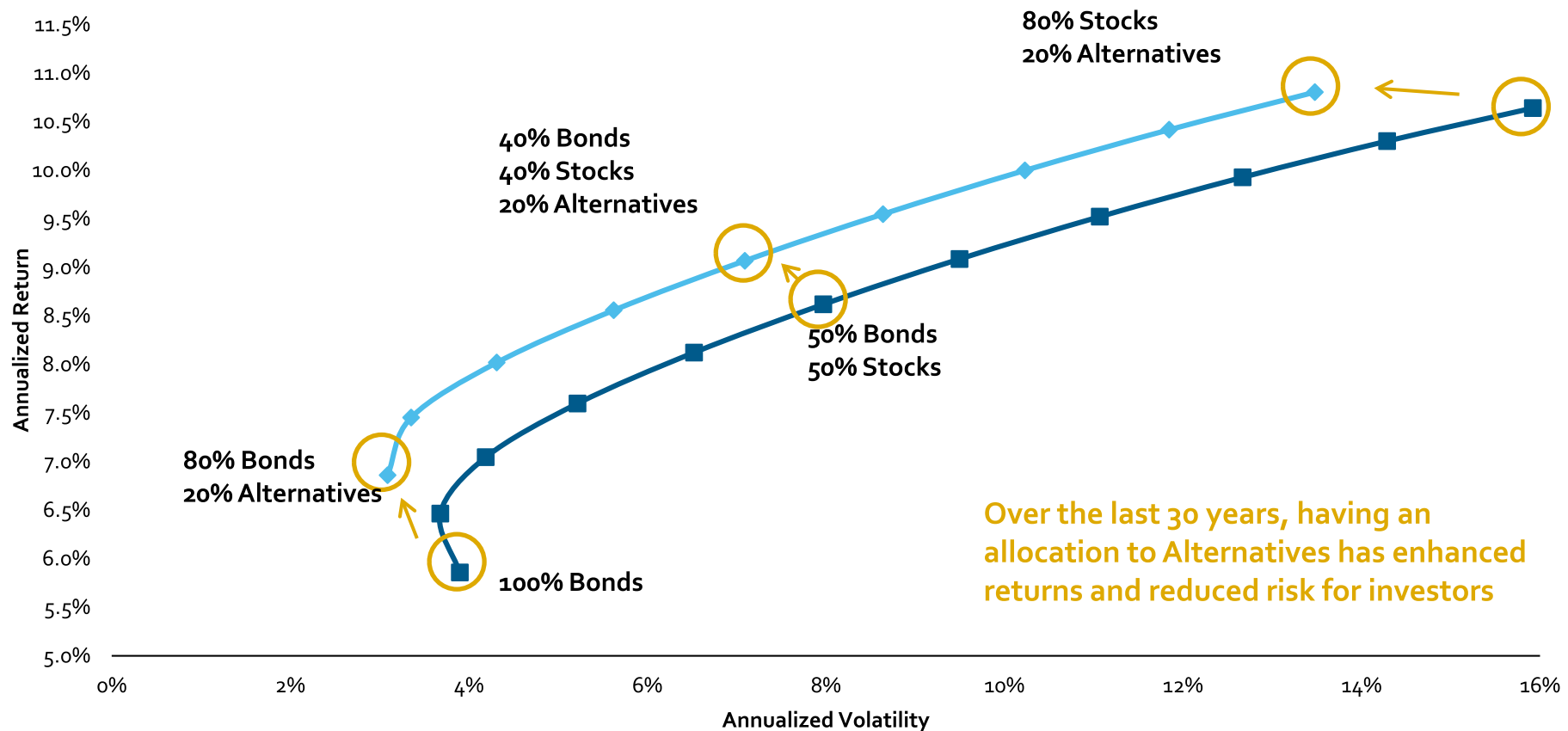
As of March 31, 2022. Strategic asset allocation models depicted above are based on Model 3: Balanced Growth. Please note there are five asset allocation models ranging from conservative to aggressive (Model 1: Wealth Conservation, formerly known as Capital Preservation; Model 2: Income; Model 3: Balanced Growth; Model 4: Market Growth; Model 5: Opportunistic Growth). The asset allocation models are subject to change from time to time. The GIC defines alternative investments as the following: REITS, Commodities, Master Limited Partnerships, Hedged Strategies (which include Traditional and 40 Act Alternative Investments including: Hedge Funds, Funds of Funds, Alternative Mutual Funds), Managed Futures, Private Real Estate and Private Equity. For illustrative purposes only. This does not represent individually tailored investment advice. Actual client portfolio will vary based on individual circumstances.

Past performance is no guarantee of future results. Estimates of future performance are based on assumptions that may not be realized. This material is not a solicitation of any offer to buy or sell any security or other financial instrument or to participate in any trading strategy. Please refer to important information, disclosures and qualifications at the end of this material.

Adding Alternatives Exposure to a Portfolio May Reduce Volatility and Potentially Increase Returns

Risk and Return Trade-Off With and Without Alternative Investments

Data as of January 1, 1990 to December 31, 2021



Source: Bloomberg, Morgan Stanley Wealth Management GIC, Private Equity Index Data: The Cambridge Associates Private Equity Index tracks the returns of a variety of private equity strategies, including buyout, control-oriented distressed, growth equity, energy, upstream energy and royalties, and venture capital. The data is updated quarterly using the Cambridge Associates Benchmark Calculator, with a lag of several months. Private equity returns are net to limited partners. Stocks are represented by the S&P 500 Total Return Index. Bonds are represented by Barclays U.S. Aggregate. Alternatives Investment are composed of 16.6% Equity Hedge (HFRI Equity Hedge Index), 16.6% Equity Neutral (HFRI Equity Market Neutral Index), 33% Private Equity, and 33% Real Estate (National Council of Real Estate Investment Fiduciaries Property Index – NCREIF). Alternatives investments are not appropriate for all investors.

Past performance is no guarantee of future results. Estimates of future performance are based on assumptions that may not be realized. This material is not a solicitation of any offer to buy or sell any security or other financial instrument or to participate in any trading strategy. Please refer to important information, disclosures and qualifications at the end of this material.

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Morgan Stanley's investment advisory programs may require a minimum asset level and, depending on your specific investment objectives and financial position, may not be appropriate for you. Please see the Morgan Stanley Smith Barney LLC program disclosure brochure (the "Morgan Stanley ADV") for more information in the investment advisory programs available. The Morgan Stanley ADV is available at www.morganstanley.com/ADV. **Sources of Data.** Information in this material in this report has been obtained from sources that we believe to be reliable, but we do not guarantee its accuracy, completeness or timeliness. Third-party data providers make no warranties or representations relating to the accuracy, completeness or timeliness of the data they provide and are not liable for any damages relating to this data. All opinions included in this material constitute the Firm's judgment as of the date of this material and are subject to change without notice. This material was not prepared by the research departments of Morgan Stanley & Co. LLC or Morgan Stanley Smith Barney LLC. Some historical figures may be revised due to newly identified programs, firm restatements, etc.

Global Investment Manager Analysis (GIMA) Focus List, Approved List and Tactical Opportunities List; Watch Policy. GIMA uses two methods to evaluate investment products in applicable advisory programs: **Focus** (and investment products meeting this standard are described as being on the Focus List) and **Approved** (and investment products meeting this standard are described as being on the Approved List). In general, Focus entails a more thorough evaluation of an investment product than Approved. Sometimes an investment product may be evaluated using the Focus List process but then placed on the Approved List instead of the Focus List. Investment products may move from the Focus List to the Approved List, or vice versa. GIMA may also determine that an investment product no longer meets the criteria under either process and will no longer be recommended in investment advisory programs (in which case the investment product is given a "Not Approved" status). GIMA has a "Watch" policy and may describe a Focus List or Approved List investment product as being on "Watch" if GIMA identifies specific areas that (a) merit further evaluation by GIMA and (b) may, but are not certain to, result in the investment product becoming "Not Approved." The Watch period depends on the length of time needed for GIMA to conduct its evaluation and for the investment manager or fund to address any concerns. Certain investment products on either the Focus List or Approved List may also be recommended for the **Tactical Opportunities List** based in part on tactical opportunities existing at a given time. The investment products on the Tactical Opportunities List change over time. For more information on the Focus List, Approved List, Tactical Opportunities List and Watch processes, please see the applicable Form ADV Disclosure Document for Morgan Stanley Wealth Management. Your Financial Advisor or Private Wealth Advisor can also provide upon request a copy of a publication entitled "Manager Selection Process."

The **Global Investment Committee** is a group of seasoned investment professionals who meet regularly to discuss the global economy and markets. The committee determines the investment outlook that guides our advice to clients. They continually monitor developing economic and market conditions, review tactical outlooks and recommend model portfolio weightings, as well as produce a suite of strategy, analysis, commentary, portfolio positioning suggestions and other reports and broadcasts.

The GIC Asset Allocation Models are not available to be directly implemented as part of an investment advisory service and should not be regarded as a recommendation of any Morgan Stanley investment advisory service. The GIC Asset Allocation Models do not represent actual trading or any type of account or any type of investment strategies and none of the fees or other expenses (e.g. commissions, mark-ups, mark-downs, advisory fees, fund expenses) associated with actual trading or accounts are reflected in the GIC Asset Allocation Models which, when compounded over a period of years, would decrease returns.

Adverse Active AlphaSM 2.0 is a patented screening and scoring process designed to help identify high-quality equity and fixed income managers with characteristics that may lead to future outperformance relative to index and peers. While highly ranked managers performed well as a group in our Adverse Active Alpha model back tests, not all of the managers will outperform. Please note that this data may be derived from back-testing, which has the benefit of hindsight. In addition, highly ranked managers can have differing risk profiles that might not be appropriate for all investors.

Our view is that Adverse Active Alpha is a good starting point and should be used in conjunction with other information. Morgan Stanley Wealth Management's qualitative and quantitative investment manager due diligence process are equally important factors for investors when considering managers for use through an investment advisory program. Factors including, but not limited to, manager

turnover and changes to investment process can partially or fully negate a positive Adverse Active Alpha ranking. Additionally, highly ranked managers can have differing risk profiles that might not be appropriate for all investors.

The proprietary **Value Score** methodology considers an active investment strategies' value proposition relative to its costs. From a historical quantitative study of several quantitative markers, Value Score measures perceived forward-looking benefit and computes (1) "fair value" expense ratios for most traditional investment managers across 40 categories and (2) managers' perceived "excess value" by comparing the fair value expense ratios to actual expense ratios. Managers are then ranked within each category by their excess value to assign a Value Score. Our analysis suggests that greater levels of excess value have historically corresponded to attractive subsequent performance.

For more information on the ranking models, please see Adverse Active AlphaSM 2.0: Scoring Active Managers According to Potential Alpha and Value Score: Scoring Fee Efficiency by Comparing Managers' "Fair Value" and Actual Expense Ratios. The whitepapers are available from your Financial Advisor or Private Wealth Advisor. ADVERSE ACTIVE ALPHA is a registered service mark of Morgan Stanley and/or its affiliates. U.S. Pat. No. 8,756,098 applies to the Adverse Active Alpha system and/or methodology.

Additionally, highly ranked managers can have differing risk profiles that might not be appropriate for all investors. For more information on AAA, please see the Adverse Active Alpha Ranking Model and Selecting Managers with Adverse Active Alpha whitepapers. The whitepaper are available from your Financial Advisor or Private Wealth Advisor. ADVERSE ACTIVE ALPHA is a registered service mark of Morgan Stanley and/or its affiliates. U.S. Pat. No. 8,756,098 applies to the Adverse Active Alpha system and/or methodology.

The Global Investment Manager Analysis (GIMA) Services Only Apply to Certain Investment Advisory Programs GIMA evaluates certain investment products for the purposes of some – but not all – of Morgan Stanley Smith Barney LLC's investment advisory programs (as described in more detail in the applicable Form ADV Disclosure Document for Morgan Stanley Wealth Management). If you do not invest through one of these investment advisory programs, Morgan Stanley Wealth Management is not obligated to provide you notice of any GIMA Status changes even though it may give notice to clients in other programs.

Strategy May Be Available as a Separately Managed Account or Mutual Fund Strategies are sometimes available in Morgan Stanley Wealth Management investment advisory programs both in the form of a separately managed account ("SMA") and a mutual fund. These may have different expenses and investment minimums. Your Financial Advisor or Private Wealth Advisor can provide more information on whether any particular strategy is available in more than one form in a particular investment advisory program. Generally, investment advisory accounts are subject to an annual asset-based fee which is payable monthly in advance (some account types may be billed differently). (The "Fee"). In general, the Fee covers Morgan Stanley investment advisory services, custody of securities with Morgan Stanley, trade execution with or through Morgan Stanley or its affiliates, as well as compensation to any Morgan Stanley Financial Advisor.

In addition, each account that is invested in a program that is eligible to purchase certain investment products, such as mutual funds, will also pay a Platform Fee (which is subject to a Platform Fee offset) as described in the applicable ADV brochure. Accounts invested in the Select UMA program will also pay a separate Morgan Stanley Overlay Manager Fee and any applicable Sub-Manager fees. If your account is invested in mutual funds or exchange traded funds (collectively "funds"), you will pay the fees and expenses of any funds in which your account is invested. Fees and expenses are charged directly to the pool of assets the fund invests in and are reflected in each fund's share price. These fees and expenses are an additional cost to you and would not be included in the Fee amount in your account statements. Overlay Managers or Executing Sub-Managers ("managers") in some of Morgan Stanley's Separately Managed Account ("SMA") programs may affect transactions through broker-dealers other than Morgan Stanley or our affiliates. If your manager trades with another firm, you may be assessed costs by the other firm in addition to Morgan Stanley's fees. Those costs will be included in the net price of the security, not separately reported on trade confirmations or account statements. Certain managers have historically directed most, if not all, of their trades to outside firms. Information provided by managers concerning trade execution away from Morgan Stanley is summarized at: www.morganstanley.com/wealth/investmentsolutions/pdfs/adv/sotresponse.pdf. For more information, please refer to the ADV Brochure for your program(s), available at www.morganstanley.com/ADV or contact your Financial Advisor/Private Wealth Advisor. For example, on an advisory account with a 2.5% annual fee, if the gross annual performance is 6.00%, the compounding effect of the fees will result in a net performance of approximately 3.38% after one year, 10.50% after three years, and 18.10% after five years. **Conflicts of Interest:** GIMA's goal is to provide professional, objective evaluations in support of the Morgan Stanley Wealth Management investment advisory programs. We have policies and procedures to help us meet this goal. However, our business is subject to various conflicts of interest. For example, ideas and suggestions for which investment products should be evaluated by GIMA come from a variety of sources, including our Morgan Stanley Wealth Management Financial Advisors and their direct or indirect managers, and other business persons within Morgan Stanley Wealth Management or its affiliates. Such persons may have an ongoing business relationship with certain investment managers or mutual fund companies whereby they, Morgan Stanley Wealth Management or its affiliates receive compensation from, or otherwise related to, those investment managers or mutual funds. For example, a Financial Advisor may suggest that GIMA evaluates an investment manager or fund in which a portion of his or her clients' assets are already invested. While such a recommendation is permissible, GIMA is responsible for the opinions expressed by GIMA. See the conflicts of interest section in the applicable Form ADV Disclosure Document for Morgan Stanley Wealth Management for a discussion of other types of conflicts that may be relevant to GIMA's evaluation of managers and funds. In addition, Morgan Stanley Wealth Management, MS & Co., managers and their affiliates provide a variety of services

(including research, brokerage, asset management, trading, lending and investment banking services) for each other and for various clients, including issuers of securities that may be recommended for purchase or sale by clients or are otherwise held in client accounts, and managers in various advisory programs. Morgan Stanley Wealth Management, managers, MS & Co., and their affiliates receive compensation and fees in connection with these services. Morgan Stanley Wealth Management believes that the nature and range of clients to which such services are rendered is such that it would be inadvisable to exclude categorically all of these companies from an account.

Morgan Stanley charges each fund family we offer a mutual fund support fee, also called a "revenue-sharing payment," on client account holdings in fund families according to a tiered rate that increases along with the management fee of the fund so that lower management fee funds pay lower rates than those with higher management fees.

Consider Your Own Investment Needs: The model portfolios and strategies discussed in the material are formulated based on general client characteristics including risk tolerance. This material is not intended to be an analysis of whether particular investments or strategies are appropriate for you or a recommendation, or an offer to participate in any investment. Therefore, clients should not use this material as the sole basis for investment decisions. They should consider all relevant information, including their existing portfolio, investment objectives, risk tolerance, liquidity needs and investment time horizon. Such a determination may lead to asset allocation results that are materially different from the asset allocation shown in this profile. Talk to your Financial Advisor about what would be an appropriate asset allocation for you, whether CGCM is an appropriate program for you.

No obligation to notify – Morgan Stanley Wealth Management has no obligation to notify you when the model portfolios, strategies, or any other information, in this material changes.

Please consider the investment objectives, risks, fees, and charges and expenses of mutual funds, ETFs, closed end funds, unit investment trusts, and variable insurance products carefully before investing. The prospectus contains this and other information about each fund. To obtain a prospectus, contact your Financial Advisor or Private Wealth Advisor or visit the Morgan Stanley website at www.morganstanley.com. Please read it carefully before investing.

An investment in a money market fund is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. Although the Fund seeks to preserve the value of your investment at \$1.00 per share, it is possible to lose money by investing in the fund.

The type of mutual funds and ETFs discussed in this presentation utilizes nontraditional or complex investment strategies and/or derivatives. Examples of these types of funds include those that utilize one or more of the below noted investment strategies or categories or which seek exposure to the following markets: (1) commodities (e.g., agricultural, energy and metals), currency, precious metals; (2) managed futures; (3) leveraged, inverse or inverse leveraged; (4) bear market, hedging, long-short equity, market neutral; (5) real estate; (6) volatility (seeking exposure to the CBOE VIX Index). Investors should keep in mind that while mutual funds and ETFs may, at times, utilize nontraditional investment options and strategies, they should not be equated with unregistered privately offered alternative investments. Because of regulatory limitations, mutual funds and ETFs that seek alternative-like investment exposure must utilize a more limited investment universe. As a result, investment returns and portfolio characteristics of alternative mutual funds and ETFs may vary from traditional hedge funds pursuing similar investment objectives. Moreover, traditional hedge funds have limited liquidity with long "lock-up" periods allowing them to pursue investment strategies without having to factor in the need to meet client redemptions and ETFs trade on an exchange. On the other hand, mutual funds typically must meet daily client redemptions. This differing liquidity profile can have a material impact on the investment returns generated by a mutual fund or ETF pursuing an alternative investing strategy compared with a traditional hedge fund pursuing the same strategy.

Nontraditional investment options and strategies are often employed by a portfolio manager to further a fund's investment objective and to help offset market risks. However, these features may be complex, making it more difficult to understand the fund's essential characteristics and risks, and how it will perform in different market environments and over various periods of time. They may also expose the fund to increased volatility and unanticipated risks particularly when used in complex combinations and/or accompanied by the use of borrowing or "leverage."

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Investing in the markets entails the risk of market volatility. The value of all types of investments, including stocks, mutual funds, exchange-traded funds ("ETFs"), closed-end funds, and unit investment trusts, may increase or decrease over varying time periods. To the extent the investments depicted herein represent **international securities**, you should be aware that there may be additional risks associated with international investing, including foreign economic, political, monetary and/or legal factors, changing currency exchange rates, foreign taxes, and differences in financial and accounting standards. These risks may be magnified in **emerging markets and frontier markets**. **Small- and mid-capitalization companies** may lack the financial resources, product diversification and competitive strengths of larger companies. In addition, the securities of small- and mid-capitalization companies may not trade as readily as, and be subject to higher volatility than, those of larger, more established companies. The value of **fixed income securities** will fluctuate and, upon a sale, may be worth more or less than their original cost or maturity value. Bonds are subject to interest rate risk, call risk, reinvestment risk, liquidity risk, and credit risk of the issuer. **High yield bonds** are subject to additional risks such as increased risk of default and greater volatility because of the lower credit quality of the issues. In the case of **municipal bonds**, income is generally exempt from federal income taxes. Some income may be subject to state and local taxes and to the federal alternative minimum tax. Capital gains, if any, are subject to tax. **Treasury Inflation Protection Securities' (TIPS)** coupon payments and underlying principal are automatically increased to compensate for inflation by tracking the consumer price index (CPI). While the real rate of return is guaranteed, TIPS tend to offer a low return. Because the return of TIPS is linked to inflation, TIPS may significantly underperform versus conventional U.S. Treasuries in times of low inflation. There is no guarantee that investors will receive par if TIPS are sold prior to maturity. The returns on a portfolio consisting primarily of **environmental, social, and governance-aware investments ("ESG")** may be lower or higher than a portfolio that is more diversified or where decisions are based solely on investment considerations. Because ESG criteria exclude some investments, investors may not be able to take advantage of the same opportunities or market trends as investors that do not use such criteria. The companies identified and investment examples are for illustrative purposes only and should not be deemed a recommendation to purchase, hold or sell any securities or investment products. They are intended to demonstrate the approaches taken by managers who focus on ESG criteria in their investment strategy. There can be no guarantee that a client's account will be managed as described herein. **Options** and margin trading involve substantial risk and are not appropriate for all investors. Besides the general investment risk of holding securities that may decline in value and the possible loss of principal invested, **closed-end funds** may have additional risks related to declining market prices relative to net asset values (NAVs), active manager underperformance and potential leverage. Closed-end funds, unlike open-end funds, are not continuously offered. There is a one-time public offering and once issued, shares of closed-end funds are sold in the open market through a stock exchange. Shares of closed-end funds frequently trade at a discount from their NAV which may increase investors' risk of loss. The risk of loss due to this discount may be greater for investors expecting to sell their shares in a relatively short period after completion of the public offering. This characteristic is a risk separate and distinct from the risk that a closed-end fund's net asset value may decrease as a result of investment activities. NAV is total assets less total liabilities divided by the number of shares outstanding. At the time an investor purchases or sells shares of a closed-end fund, shares may have a market price that is above or below NAV. Portfolios that invest a large percentage of assets in only one industry **sector** (or in only a few sectors) are more vulnerable to price fluctuation than those that diversify among a broad range of sectors.

Alternative investments often are speculative and include a high degree of risk. Investors could lose all or a substantial amount of their investment. Alternative investments are appropriate only for eligible, long-term investors who are willing to forgo liquidity and put capital at risk for an indefinite period of time. They may be highly illiquid and can engage in leverage and other speculative practices that may increase the volatility and risk of loss. Alternative Investments typically have higher fees than traditional investments. Investors should carefully review and consider potential risks before investing. Certain of these risks may include but are not limited to: Loss of all or a substantial portion of the investment due to leveraging, short-selling, or other speculative practices; Lack of liquidity in that there may be no secondary market for a fund; Volatility of returns; Restrictions on transferring interests in a fund; Potential lack of diversification and resulting higher risk due to

concentration of trading authority when a single advisor is utilized; Absence of information regarding valuations and pricing; Complex tax structures and delays in tax reporting; Less regulation and higher fees than mutual funds; Risks associated with the operations, personnel, and processes of the manager; and Risks associated with cybersecurity. As a diversified global financial services firm, Morgan Stanley Wealth Management engages in a broad spectrum of activities including financial advisory services, investment management activities, sponsoring and managing private investment funds, engaging in broker-dealer transactions and principal securities, commodities and foreign exchange transactions, research publication, and other activities. In the ordinary course of its business, Morgan Stanley Wealth Management therefore engages in activities where Morgan Stanley Wealth Management's interests may conflict with the interests of its clients, including the private investment funds it manages. Morgan Stanley Wealth Management can give no assurance that conflicts of interest will be resolved in favor of its clients or any such fund. All expressions of opinion are subject to change without notice and are not intended to be a forecast of future events or results. Further, opinions expressed herein may differ from the opinions expressed by Morgan Stanley Wealth Management and/or other businesses/affiliates of Morgan Stanley Wealth Management. This is not a "research report" as defined by FINRA Rule 2241 or a "debt research report" as defined by FINRA Rule 2242 and was not prepared by the Research Departments of Morgan Stanley Smith Barney LLC or Morgan Stanley & Co. LLC or its affiliates. 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These limitations include survivorship bias (the returns of the indices may not be representative of all the hedge funds in the universe because of the tendency of lower performing funds to leave the index); heterogeneity (not all hedge funds are alike or comparable to one another, and the index may not accurately reflect the performance of a described style); and limited data (many hedge funds do not report to indices, and the index may omit funds, the inclusion of which might significantly affect the performance shown). The HFRI indices are based on information self-reported by hedge fund managers that decide on their own, at any time, whether or not they want to provide, or continue to provide, information to HFR Asset Management, L.L.C. Results for funds that go out of business are included in the index until the date that they cease operations. Therefore, these indices may not be complete or accurate representations of the hedge fund universe, and may be biased in several ways. Composite index results are shown for illustrative purposes and do not represent the performance of a specific investment. Individual funds have specific tax risks related to their investment programs that will vary from fund to fund. Clients should consult their own tax and legal advisors as Morgan Stanley Wealth Management does not provide tax or legal advice. Interests in alternative investment products are offered pursuant to the terms of the applicable offering memorandum, are distributed by Morgan Stanley Wealth Management and certain of its affiliates, and (1) are not FDIC-insured, (2) are not deposits or other obligations of Morgan Stanley Wealth Management or any of its affiliates, (3) are not guaranteed by Morgan Stanley Wealth Management and its affiliates, and (4) involve investment risks, including possible loss of principal. Morgan Stanley Wealth Management is a registered broker-dealer, not a bank. 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Investment products in this category may employ various investment strategies and techniques for both hedging and more speculative purposes such as short-selling, leverage, derivatives and options, which can increase volatility and the risk of investment loss. Alternative investments are not appropriate for all investors. As a diversified global financial services firm, Morgan Stanley Wealth Management engages in a broad spectrum of activities including financial advisory services, investment management activities, sponsoring and managing private investment funds, engaging in broker-dealer transactions and principal securities, commodities and foreign exchange transactions, research publication, and other activities. In the ordinary course of its business, Morgan Stanley Wealth Management therefore engages in activities where Morgan Stanley Wealth Management's interests may conflict with the interests of its clients, including the private investment funds it manages. Morgan Stanley Wealth Management can give no assurance that conflicts of interest will be resolved in favor of its clients or any such fund. Alternative investments involve complex tax structures, tax inefficient investing, and delays in distributing important tax information. Individual funds have specific risks related to their investment programs that will vary from fund to fund.

Clients should consult their own tax and legal advisors as Morgan Stanley Wealth Management does not provide tax or legal advice.

A majority of Alternative Investment managers reviewed and selected by GIMA pay or cause to be paid an ongoing fee for distribution from their management fees to Morgan Stanley Wealth Management in connection with Morgan Stanley Wealth Management clients that purchase an interest in an Alternative Investment and in some instances pay these fees on the investments held by investments held by brokerage clients. Morgan Stanley Wealth Management has a conflict of interest in offering alternative investments because Morgan Stanley Wealth Management or our affiliates, in most instances, earn more money in your account from your investments in alternative investments than from other investment options.

It should be noted that the majority of hedge fund indexes are comprised of hedge fund manager returns. This is in contrast to traditional indexes, which are comprised of individual securities in the various market segments they represent and offer complete transparency as to membership and construction methodology. As such, some believe that hedge fund index returns have certain biases that are not present in traditional indexes. Some of these biases inflate index performance, while others may skew performance negatively. However, many studies indicate that overall hedge fund index performance has been biased to the upside. Some studies suggest performance has been inflated by up to 260 basis points or more annually depending on the types of biases included and the time period studied. Although there are numerous potential biases that could affect hedge fund returns, we identify some of the more common ones throughout this paper.

Self-selection bias results when certain manager returns are not included in the index returns and may result in performance being skewed up or down. Because hedge funds are private placements, hedge fund managers are able to decide which fund returns they want to report and are able to opt out of reporting to the various databases. Certain hedge fund managers may choose only to report returns for funds with strong returns and opt out of reporting returns for weak performers. Other hedge funds that close may decide to stop reporting in order to retain secrecy, which may cause a downward bias in returns.

Survivorship bias results when certain constituents are removed from an index. This often results from the closure of funds due to poor performance, “blow ups,” or other such events. As such, this bias typically results in performance being skewed higher. As noted, hedge fund index performance biases can result in positive or negative skew. However, it would appear that the skew is more often positive. While it is difficult to quantify the effects precisely, investors should be aware that idiosyncratic factors may be giving hedge fund index returns an artificial “lift” or upwards bias.

Hedge Funds of Funds and many funds of funds are private investment vehicles restricted to certain qualified private and institutional investors. They are often speculative and include a high degree of risk. Investors can lose all or a substantial amount of their investment. They may be highly illiquid, can engage in leverage and other speculative practices that may increase volatility and the risk of loss, and may be subject to large investment minimums and initial lockups. They involve complex tax structures, tax-inefficient investing and delays in distributing important tax information. Categorically, hedge funds and funds of funds have higher fees and expenses than traditional investments, and such fees and expenses can lower the returns achieved by investors. Funds of funds have an additional layer of fees over and above hedge fund fees that will offset returns. An investment in an **exchange-traded fund** involves risks similar to those of investing in a broadly based portfolio of equity securities traded on an exchange in the relevant securities market, such as market fluctuations caused by such factors as economic and political developments, changes in interest rates and perceived trends in stock and bond prices. An investment in a **target date portfolio** is subject to the risks attendant to the underlying funds in which it invests, in these portfolios the funds are the Consulting Group Capital Market funds. A target date portfolio is geared to investors who will retire and/or require income at an approximate year. The portfolio is managed to meet the investor’s goals by the pre-established year or “target date.” A target date portfolio will transition its invested assets from a more aggressive portfolio to a more conservative portfolio as the target date draws closer. An investment in the target date portfolio is not guaranteed at any time, including, before or after the target date is reached. **Managed futures** investments are speculative, involve a high degree of risk, use significant leverage, are generally illiquid, have substantial charges, subject investors to conflicts of interest, and are appropriate only for the risk capital portion of an investor’s portfolio. Managed futures investments do not replace equities or bonds but rather may act as a complement in a well diversified portfolio. Managed Futures are complex and not appropriate for all investors. **Rebalancing** does not protect against a loss in declining financial markets. There may be a potential tax implication with a rebalancing strategy.

Virtual Currency Products (Cryptocurrencies)

Buying, selling, and transacting in Bitcoin, Ethereum or other digital assets (“Digital Assets”), and related funds and products, is highly speculative and may result in a loss of the entire investment. Risks and considerations include but are not limited to:

- Digital Assets have only been in existence for a short period of time and historical trading prices for Digital Assets have been highly volatile. The price of Digital Assets could decline rapidly, and **investors could lose their entire investment.**
- Certain Digital Asset funds and products, allow investors to invest on a more frequent basis than investors may withdraw from the fund or product, and interests in such funds or products are generally not freely transferrable. This means that, particularly given the volatility of Digital Assets, an investor will have to bear any losses with respect to its investment for an extended period of time and will not be able to react to changes in the price of the Digital Asset once invested (for example, by seeking to withdraw) as quickly as when making the decision to invest. Such Digital Asset funds and products, are intended only for persons who are able to bear the economic risk of investment and who do not need liquidity with respect to their investments.
- Given the volatility in the price of Digital Assets, the net asset value of a fund or product that invests in such assets at the time an investor’s subscription for interests in the fund or product is accepted may be significantly below or above the net asset value of the product or fund at the time the investor submitted subscription materials.
- Certain Digital Assets are not intended to function as currencies but are intended to have other use cases. These other Digital Assets may be subject to some or all of the risks and considerations set forth herein, as well as additional risks applicable to such Digital Assets. Buyers, sellers and users of such Digital Assets should thoroughly familiarize themselves with such risks and considerations before transacting in such Digital Assets.
- The value of Digital Assets may be negatively impacted by future legal and regulatory developments, including but not limited to increased regulation of such Digital Assets. Any such developments

may make such Digital Assets less valuable, impose additional burdens and expenses on a fund or product investing in such assets or impact the ability of such a fund or product to continue to operate, which may materially decrease the value of an investment therein.

- Due to the new and evolving nature of digital currencies and the absence of comprehensive guidance, many significant aspects of the tax treatment of Digital Assets are uncertain. Prospective investors should consult their own tax advisors concerning the tax consequences to them of the purchase, ownership and disposition of Digital Assets, directly or indirectly through a fund or product, under U.S. federal income tax law, as well as the tax law of any relevant state, local or other jurisdiction.
- Over the past several years, certain Digital Asset exchanges have experienced failures or interruptions in service due to fraud, security breaches, operational problems or business failure. Such events in the future could impact any fund's or product's ability to transact in Digital Assets if the fund or product relies on an impacted exchange and may also materially decrease the price of Digital Assets, thereby impacting the value of your investment, regardless of whether the fund or product relies on such an impacted exchange.
- Although any Digital Asset product and its service providers have in place significant safeguards against loss, theft, destruction and inaccessibility, there is nonetheless a risk that some or all of a product's Digital Asset could be permanently lost, stolen, destroyed or inaccessible by virtue of, among other things, the loss or theft of the "private keys" necessary to access a product's Digital Asset.
- Investors in funds or products investing or transacting in Digital Assets may not benefit to the same extent (or at all) from "airdrops" with respect to, or "forks" in, a Digital Asset's blockchain, compared to investors who hold Digital Assets directly instead of through a fund or product. Additionally, a "fork" in the Digital Asset blockchain could materially decrease the price of such Digital Asset.
- Digital Assets are not legal tender, and are not backed by any government, corporation or other identified body, other than with respect to certain digital currencies that certain governments are or may be developing now or in the future. No law requires companies or individuals to accept digital currency as a form of payment (except, potentially, with respect to digital currencies developed by certain governments where such acceptance may be mandated). Instead, other than as described in the preceding sentences, Digital Asset products' use is limited to businesses and individuals that are willing to accept them. If no one were to accept digital currencies, virtual currency products would very likely become worthless.
- Platforms that buy and sell Digital Assets can be hacked, and some have failed. In addition, like the platforms themselves, digital wallets can be hacked, and are subject to theft and fraud. As a result, like other investors have, you can lose some or all of your holdings of Digital Assets.
- Unlike US banks and credit unions that provide certain guarantees of safety to depositors, there are no such safeguards provided to Digital Assets held in digital wallets by their providers or by regulators.
- Due to the anonymity Digital Assets offer, they have known use in illegal activity, including drug dealing, money laundering, human trafficking, sanction evasion and other forms of illegal commerce. Abuses could impact legitimate consumers and speculators; for instance, law enforcement agencies could shut down or restrict the use of platforms and exchanges, limiting or shutting off entirely the ability to use or trade Digital Asset products.
- Digital Assets may not have an established track record of credibility and trust. Further, any performance data relating to Digital Asset products may not be verifiable as pricing models are not uniform.
- Investors should be aware of the potentially increased risks of transacting in Digital Assets relating to the risks and considerations, including fraud, theft, and lack of legitimacy, and other aspects and qualities of Digital Assets, before transacting in such assets.
- The exchange rate of virtual currency products versus the USD historically has been very volatile and the exchange rate could drastically decline. For example, the exchange rate of certain Digital Assets versus the USD has in the past dropped more than 50% in a single day. Other Digital Assets may be affected by such volatility as well.
- Digital Asset exchanges have limited operating and performance histories and are not regulated with the same controls or customer protections available to more traditional exchanges transacting equity, debt, and other assets and securities. There is no assurance that a person/exchange who currently accepts a Digital Asset as payment will continue to do so in the future.

- The regulatory framework of Digital Assets is evolving, and in some cases is uncertain, and Digital Assets themselves may not be governed and protected by applicable securities regulators and securities laws, including, but not limited to, Securities Investor Protection Corporation coverage, or other regulatory regimes.

- Morgan Stanley Smith Barney LLC or its affiliates (collectively, "Morgan Stanley") may currently, or in the future, offer or invest in Digital Asset products, services or platforms. The proprietary interests of Morgan Stanley may conflict with your interests.

- The foregoing list of considerations and risks are not and do not purport to be a complete enumeration or explanation of the risks involved in an investment in any product or fund investing or trading in Digital Assets.

Asset allocation and diversification do not assure a profit or protect against loss in declining financial markets. Past performance is no guarantee of future results. Actual results may vary.

Tax laws are complex and subject to change. Morgan Stanley Smith Barney LLC ("Morgan Stanley"), its affiliates and Morgan Stanley Financial Advisors and Private Wealth Advisors do not provide tax or legal advice and are not "fiduciaries" (under ERISA, the Internal Revenue Code or otherwise) with respect to the services or activities described herein except as otherwise provided in writing by Morgan Stanley and/or as described at www.morganstanley.com/disclosures/dol. Individuals are encouraged to consult their tax and legal advisors (a) before establishing a retirement plan or account, and (b) regarding any potential tax, ERISA and related consequences of any investments made under such plan or account.

Annuities and insurance products are offered in conjunction with Morgan Stanley Smith Barney LLC's licensed insurance agency affiliates.

Indices are unmanaged and investors cannot directly invest in them. They are not subject to expenses or fees and are often comprised of securities and other investment instruments the liquidity of which is not restricted. A particular investment product may consist of securities significantly different than those in any index referred to herein. Composite index results are shown for illustrative purposes only, generally do not represent the performance of a specific investment, may not, for a variety of reasons, be an appropriate comparison or benchmark for a particular investment and may not necessarily reflect the actual investment strategy or objective of a particular investment. Consequently, comparing an investment to a particular index may be of limited use.

This material is not a financial plan and does not create an investment advisory relationship between you and your Morgan Stanley Financial Advisor. We are not your fiduciary either under the Employee Retirement Income Security Act of 1974 (ERISA) or the Internal Revenue Code of 1986, and any information in this report is not intended to form the primary basis for any investment decision by you, or an investment advice or recommendation for either ERISA or Internal Revenue Code purposes. Morgan Stanley Private Wealth Management will only prepare a financial plan at your specific request using Private Wealth Management approved financial planning signature.

We may act in the capacity of a broker or that of an advisor. As your broker, we are not your fiduciary and our interests may not always be identical to yours. Please consult with your Private Wealth Advisor to discuss our obligations to disclose to you any conflicts we may from time to time have and our duty to act in your best interest. We may be paid both by you and by others who compensate us based on what you buy. Our compensation, including that of your Private Wealth Advisor, may vary by product and over time.

Investment and services offered through Morgan Stanley Private Wealth Management, a division of Morgan Stanley Smith Barney LLC, Member SIPC.

For index, indicator and survey definitions referenced in this report please visit the following: <https://www.morganstanley.com/wealth-investmentsolutions/wmir-definitions>

The Morgan Stanley Pathway Funds, Firm Discretionary UMA Model Portfolios, and other asset allocation or any other model portfolios discussed in this material are available only to investors participating in Morgan Stanley Consulting Group advisory programs. For additional information on the Morgan Stanley Consulting Group advisory programs, see the applicable ADV brochure, available at www.morganstanley.com/ADV or from your Morgan Stanley Financial Advisor or Private Wealth Advisor. To learn more about the Morgan Stanley Pathway Funds, visit the Funds' website at <https://www.morganstanley.com/wealth-investmentsolutions/cgcm>. Consulting Group is a business of Morgan Stanley.

Morgan Stanley Pathway Program Asset Allocation Models There are model portfolios corresponding to five risk-tolerance levels available in the Pathway program. Model 1 is the least aggressive portfolio and consists mostly of bonds. As the model numbers increase, the models have higher allocations to equities and become more aggressive. Pathway is a mutual fund asset allocation program. In constructing the Pathway Program Model Portfolios, Morgan Stanley Wealth Management uses, among other things, model asset allocations produced by Morgan Wealth Management's Global Investment Committee (the "GIC"). The Pathway Program Model Portfolios are specific to the Pathway program (based on program features and parameters, and any other requirements of Morgan

Stanley Wealth Management's Consulting Group). The Pathway Program Model Portfolios may therefore differ in some respects from model portfolios available in other Morgan Stanley Wealth Management programs or from asset allocation models published by the Global Investment Committee.

529 Plans - Investors should carefully read the Program Disclosure statement, which contains more information on investment options, risk factors, fees and expenses, and possible tax consequences before purchasing a 529 plan. You can obtain a copy of the Program Disclosure Statement from the 529 plan sponsor or your Financial Advisor. Assets can accumulate and be withdrawn federally tax-free only if they are used to pay for qualified expenses. Earnings on nonqualified distributions will be subject to income tax and a 10% federal income tax penalty. Contribution limits vary by state. Refer to the individual plan for specific contribution guidelines. Before investing, investors should consider whether tax or other benefits are only available for investments in the investor's home state 529 college savings plan. If an account owner or the beneficiary resides in or pays income taxes to a state that offers its own 529 college savings or pre-paid tuition plan (an "In-State Plan"), that state may offer state or local tax benefits. These tax benefits may include deductible contributions, deferral of taxes on earnings and/or tax-free withdrawals. In addition, some states waive or discount fees or offer other benefits for state residents or taxpayers who participate in the In-State Plan. An account owner may be denied any or all state or local tax benefits or expense reductions by investing in another state's plan (an "Out-of-State Plan"). In addition, an account owner's state or locality may seek to recover the value of tax benefits (by assessing income or penalty taxes) should an account owner rollover or transfer assets from an In-State Plan to an Out-of-State Plan. While state and local tax consequences and plan expenses are not the only factors to consider when investing in a 529 Plan, they are important to an account owner's investment return and should be taken into account when selecting a 529 plan.

The Morgan Stanley National Advisory 529 Plan. The North Carolina State Education Assistance Authority (the "Authority") is an instrumentality of the State of North Carolina sponsoring the Morgan Stanley National Advisory 529 Plan, and the 529 Plan is a component of the Parental Savings Trust Fund established by the General Assembly of North Carolina. Neither the Authority, the State of North Carolina nor any other affiliated public entity or any other public entity is guaranteeing the principal or earnings in any account. Contributions or accounts may lose value and nothing stated herein, the 529 Plan Description and Participation Agreement or any other account documentation shall be construed to create any obligation of the Authority, the North Carolina State Treasurer, the State of North Carolina, or any agency or instrumentality of the State of North Carolina to guarantee for the benefit of any parent, other interested party, or designated beneficiary the rate of return or other return for any contribution to the Parental Savings Trust Fund and the 529 Plan.

Eaton Vance and Parametric Portfolio Associates are businesses of Morgan Stanley Investment Management and are affiliated with Morgan Stanley Wealth Management.

Morgan Stanley does not accept appointments nor will it act as a trustee but it will provide access to trust services through an appropriate third-party corporate trustee.

The trust services referenced herein are provided by the third parties listed who are not affiliated with Morgan Stanley. Neither Morgan Stanley nor its affiliates are the provider of such trust services and will not have any input or responsibility concerning a client's eligibility for, or the terms and conditions associated with these trust services. Neither Morgan Stanley nor its affiliates shall be responsible for content of any advice or services provided by the unaffiliated third parties listed herein. Morgan Stanley or its affiliates may participate in transactions on a basis separate from the referral of clients to these third parties and may receive compensation in connection with referrals made to them.

Trusts are not necessarily appropriate for all clients. There are risks and considerations which may outweigh any potential benefits. Establishing a trust will incur fees and expenses which may be substantial. Trusts often incur ongoing administrative fees and expenses such as the services of a corporate trustee or tax professional.

The Portfolio Analysis report ("Report") is generated by Morgan Stanley Smith Barney LLC's ("Morgan Stanley") Portfolio Risk Platform. The assumptions used in the Report incorporate portfolio risk and scenario analysis employed by BlackRock Solutions ("BRS"), a financial technology and risk analytics provider that is independent of Morgan Stanley. BRS' role is limited to providing risk analytics to Morgan Stanley, and BRS is not acting as a broker-dealer or investment adviser nor does it provide investment advice with respect to the Report. Morgan Stanley has validated and adopted the analytical conclusions of these risk models.

Any recommendations regarding external accounts/holdings are asset allocation only and do not include security recommendations. Transitioning from a brokerage to an advisory relationship may not be appropriate for some clients.

IMPORTANT: The projections or other information provided in the Report regarding the likelihood of various investment outcomes (including any assumed rates of return and income) are hypothetical in nature, do not reflect actual investment results, and are not guarantees of future results. Hypothetical investment results have inherent limitations.

- There are frequently large differences between hypothetical and actual results.
- Hypothetical results do not represent actual results and are generally designed with the benefit of hindsight.
- They cannot account for all factors associated with risk, including the impact of financial risk in actual trading or the ability to withstand losses or to adhere to a particular trading strategy in the face of trading losses.
- There are numerous other factors related to the markets in general or to the implementation of any specific strategy that cannot be fully accounted for in the preparation of hypothetical risk results and all of which can adversely affect actual performance.

Morgan Stanley cannot give any assurances that any estimates, assumptions or other aspects of the risk analyses will prove correct. They are subject to actual known and unknown risks, uncertainties and other factors that could cause actual results to differ materially from those shown in a Report. The information is as of the date of the Report or as otherwise noted within the Report. Morgan Stanley expressly disclaims any obligation or undertaking to update or revise any statement or other information contained in a Report to reflect any change in past results, future expectations or circumstances upon which that statement or other information is based.

Lending products and securities based loans are provided by Morgan Stanley Smith Barney LLC, Morgan Stanley Private Bank, National Association or Morgan Stanley Bank, N.A., as applicable.

The lending products described are separate and distinct, and are not connected in any way. The ability to qualify for one product is not connected to an individual's eligibility for another.

Liquidity Access Line ("LAL") is a securities based loan/line of credit product, the lender of which is either Morgan Stanley Private Bank, National Association or Morgan Stanley Bank, N.A., as applicable, each an affiliate of Morgan Stanley Smith Barney LLC. All LAL loans/lines of credit are subject to the underwriting standards and independent approval of Morgan Stanley Private Bank, National Association or Morgan Stanley Bank, N.A., as applicable. LAL loans/lines of credit may not be available in all locations. Rates, terms and conditions are subject to change without notice. To be eligible for an LAL loan/line of credit, a client must have a brokerage account at Morgan Stanley Smith Barney LLC that contains eligible securities, which shall serve as collateral for the LAL. In conjunction with establishing an LAL loan/line of credit, an LAL facilitation account will also be opened in the client's name at Morgan Stanley Smith Barney LLC at no charge. Other restrictions may apply. The information contained herein should not be construed as a commitment to lend. Morgan Stanley Private Bank, National Association and Morgan Stanley Bank, N.A. are Members FDIC that are primarily regulated by the Office of the Comptroller of the Currency. **The proceeds from a non-purpose LAL loan/line of credit (including draws and other advances) may not be used to purchase, trade, or carry margin stock; repay margin debt that was used to purchase, trade, or carry margin stock; and cannot be deposited into a Morgan Stanley Smith Barney LLC or other brokerage account.**

Residential mortgage loans/home equity lines of credit are offered by Morgan Stanley Private Bank, National Association, an affiliate of Morgan Stanley Smith Barney LLC. With the exception of the pledged-asset feature, an investment relationship with Morgan Stanley Smith Barney LLC does not have to be established or maintained to obtain the residential mortgage products offered by Morgan Stanley Private Bank, National Association. All residential mortgage loans/home equity lines of credit are subject to the underwriting standards and independent approval of Morgan Stanley Private Bank, National Association. Rates, terms, and programs are subject to change without notice. Residential mortgage loans/home equity lines of credit may not be available in all states; not available in Guam, Puerto Rico and the U.S. Virgin Islands. Other restrictions may apply. The information contained herein should not be construed as a commitment to lend. Morgan Stanley Private Bank, National Association is an Equal Housing Lender and Member FDIC that is primarily regulated by the Office of the Comptroller of the Currency. Nationwide Mortgage Licensing System Unique Identifier #663185. **The proceeds from a residential mortgage loan (including draws and advances from a home equity line of credit) are not permitted to be used to purchase, trade, or carry eligible margin stock; repay margin debt that was used to purchase, trade, or carry margin stock; or to make payments on any amounts owed under the note, loan agreement, or loan security agreement; and cannot be deposited into a Morgan Stanley Smith Barney LLC or other brokerage account.**

Through the pledged-asset feature offered by Morgan Stanley Private Bank, National Association, the applicant(s) or third party pledgor (collectively "Client") may be able to pledge eligible securities in lieu of a full or partial cash down payment or in connection with a refinance mortgage loan. To be eligible for the pledged-asset feature a Client must have a brokerage account at Morgan Stanley

Smith Barney LLC. If the value of the pledged securities in the account drops below the agreed-upon level stated in the loan documents, a Client may be required to deposit additional securities or other

collateral (such as cash) to stay in compliance with the terms of the mortgage loan. If a Client does not deposit additional securities or other collateral, the Client's pledged securities may be sold to satisfy the Client's obligation, and the Client will not be entitled to choose which assets will be sold. Borrowing against securities may not be appropriate for everyone. In deciding whether the

pledged-asset feature is appropriate, a Client should consider, among other things, the degree to which he or she is comfortable subjecting his or her investment in a home to the fluctuations of the securities market. The pledged-asset feature is not available in all states. Other restrictions may apply.

Interest-only loans enable borrowers to make monthly payments of only the accrued monthly interest on the loan during the introductory interest-only period. Once that period ends, borrowers must make monthly payments of principal and interest for the remaining loan term, and payments will be substantially higher than the interest-only payments. During the interest-only period, the total interest that the borrower will be obligated to pay will vary based on the amount of principal paid down, if any. If a borrower makes just an interest-only payment, and no payment of principal, the total interest payable by the borrower during the interest-only period will be greater than the total interest that a borrower would be obligated to pay on a traditional loan of the same interest rate having principal-and-interest payments. In making comparisons between an interest-only loan and a traditional loan, borrowers should carefully review the terms and conditions of the various loan products available and weigh the relative merits of each type of loan product appropriately. The interest rate and payments on an adjustable rate mortgage ("ARM") loan may increase over the life of a loan as interest is fixed for a specified period and then will adjust periodically thereafter. The annual percentage rate may increase after consummation of the loan.

3/6M, 5/6M, 7/6M, 10/6M adjustable rate mortgage ("ARM") loans are based on the Secured Overnight Financing Rate ("SOFR") 30-Day Average.

Relationship-based pricing offered by Morgan Stanley Private Bank, National Association is based on the value of clients', or their immediate family members' (i.e., grandparents, parents, and children) eligible assets (collectively "Household Assets") held within accounts at Morgan Stanley Smith Barney LLC. To be eligible for relationship-based pricing, Household Assets must be maintained within appropriate eligible accounts prior to the closing date of the residential mortgage loan. Relationship-based pricing is not available on conforming loans.

The Morgan Stanley Debit Card is issued by Morgan Stanley Private Bank, National Association pursuant to a license from Mastercard International Incorporated. Mastercard and Maestro are registered trademarks of Mastercard International Incorporated. The third-party trademarks and service marks contained herein are the property of their respective owners. Investments and services offered through Morgan Stanley Smith Barney LLC, Member SIPC.

Cash management and lending products and services are provided by Morgan Stanley Smith Barney LLC, Morgan Stanley Private Bank, National Association or Morgan Stanley Bank, N.A, as applicable.

Morgan Stanley Private Bank, National Association or Morgan Stanley Bank, N.A, each a national bank, Member FDIC.

The information provided herein is not intended to address any particular matter and may not apply depending on the context, as all clients' circumstances are unique.

Morgan Stanley Smith Barney LLC is a registered Broker/Dealer, Member SIPC, and not a bank. Where appropriate, Morgan Stanley Smith Barney LLC has entered into arrangements with banks and other third parties to assist in offering certain banking related products and services.

Investment, insurance and annuity products offered through Morgan Stanley Smith Barney LLC are: NOT FDIC INSURED | MAY LOSE VALUE | NOT BANK GUARANTEED | NOT A BANK DEPOSIT | NOT INSURED BY ANY FEDERAL GOVERNMENT AGENCY

The Morgan Stanley American Express Card portfolio consists of three cards: The Platinum Card from American Express Exclusively for Morgan Stanley, the Morgan Stanley Blue Cash Preferred American Express Card, and the Morgan Stanley Credit Card.

The Platinum Card from American Express Exclusively for Morgan Stanley and the Morgan Stanley Blue Cash Preferred American Express Card are available for acquisition, and eligible clients are invited to apply. Existing Morgan Stanley Credit Card members may continue to enjoy the benefits of their card, but this product is no longer available for acquisition.

The Platinum Card® from American Express exclusively for Morgan Stanley is only available for clients who have an Eligible Account with Morgan Stanley Smith Barney LLC.

The Morgan Stanley Blue Cash Preferred® Card is only available for clients who have an Eligible Account with Morgan Stanley Smith Barney LLC or its eligible affiliates, including but not limited to E*TRADE Securities LLC.

An “Eligible Account” is a brokerage account (i) held in your name, (ii) held by a trust where you are both the grantor and trustee of such trust, or (iii) held as a beneficial owner of a personal holding company, a non-operating limited liability company, a non-operating limited partnership, or a similar legal entity. Eligibility is subject to change. American Express may cancel your Card Account and participation in this program, if you do not maintain an Eligible Account.

The Platinum Card® from American Express exclusively for Morgan Stanley and the Morgan Stanley Blue Cash Preferred® Card are issued by American Express National Bank, not Morgan Stanley Smith Barney LLC. Services and rewards for the Cards are provided by Morgan Stanley Smith Barney LLC, American Express or other third parties. Restrictions and other limitations apply. See the terms and conditions for the Cards for details. Clients are urged to review fully before applying.

Morgan Stanley, its affiliates, and Morgan Stanley Financial Advisors and employees are not in the business of providing tax or legal advice. Clients should speak with their tax advisor regarding the potential tax implications of the Rewards Program upon their specific circumstances.

The Platinum Card® from American Express Exclusively for Morgan Stanley and the Morgan Stanley Blue Cash Preferred® American Express Card are issued by American Express National Bank. ©2022 American Express National Bank

American Express may share information about your Card Account with Morgan Stanley in support of Morgan Stanley programs and services. For information as to how Morgan Stanley will use your Card Account data please visit http://www.morganstanley.com/wealth/investmentsolutions/pdfs/adv/mssb_privacynotice.pdf.

Obtain one (1) Additional Platinum Card for no additional annual fee. You can get up to the next three (3) Additional Platinum Cards for a total annual fee of \$175. Then, each Additional Platinum Card can be obtained for an annual fee of \$175. There is no annual fee for Additional Gold Cards. Additional Card Members must be at least 13 years of age and never have had a defaulted account with American Express.

The CashPlus Account is a brokerage account offered through Morgan Stanley Smith Barney LLC. Conditions and restrictions apply. Please refer to the CashPlus Account Disclosure Statement at <https://www.morganstanley.com/wealthdisclosures/cashplusaccountdisclosurestatement.pdf>.

The qualifying criteria to avoid the monthly account fee for all CashPlus Accounts in an Account Link Group (ALG) is: an additional eligible Morgan Stanley investment account (that may include additional fees), one Morgan Stanley Online enrollment; for Premier CashPlus account \$2,500 monthly deposit or \$25,000 Average BDP Daily Balance; for Platinum CashPlus account \$5,000 monthly deposit and \$25,000 Average BDP Daily Balance. For more information, please refer to the CashPlus Account Disclosure Statement at <https://www.morganstanley.com/wealth-disclosures/cashplusaccountdisclosurestatement.pdf>.

CashPlus Accounts receive SIPC coverage for securities and free credit balances and cash swept into the Bank Deposit Program receives FDIC insurance, both up to applicable limits.

Securities Investor Protection Corporation (“SIPC”) — Morgan Stanley Smith Barney LLC is a member of SIPC, which protects securities of its customers up to \$500,000 (including \$250,000 for claims for cash). Losses due to market fluctuation are not protected by SIPC. To obtain information about SIPC, including an explanatory SIPC brochure, contact SIPC at 1-202-371-8300 or visit www.sipc.org

Federal Deposit Insurance Corporation (“FDIC”) — Cash balances swept into deposit accounts at participating banks in the Bank Deposit Program are protected by FDIC Insurance up to applicable FDIC limits. FDIC insurance is a federal government program administered by the Federal Deposit Insurance Corporation. This insurance covers bank deposits held in checking accounts, savings accounts, certificates of deposits and money market deposits (not money market funds). This insurance comes into play in the event of a bank failure and covers client cash up to a total of \$250,000 per bank, for each “insurable capacity” (e.g. each individual, joint, etc.). It does not cover investment products that are not deposits, such as mutual funds, annuities, life insurance policies, stocks or bonds. Refer to <https://www.fdic.gov> for additional details.

The Active Assets Account is a brokerage account offered through Morgan Stanley Smith Barney LLC. Under the Bank Deposit Program, generally cash balances held in an account(s) at Morgan Stanley Smith Barney LLC are automatically deposited into an interest-bearing FDIC-insured deposit account(s) at Morgan Stanley Bank, N.A. and/or Morgan Stanley Private Bank, National

Association, each a national bank, member FDIC, and an affiliate of Morgan Stanley Smith Barney LLC. Detailed information on federal deposit insurance coverage is available on the FDIC's website (<https://www.fdic.gov/deposit/deposits/>).

Under the Preferred Savings program ("Preferred Savings"), Morgan Stanley Smith Barney LLC makes available interest-bearing FDIC-insured deposit account(s) at Morgan Stanley Private Bank, National Association, a national bank, Member FDIC, and an affiliate of Morgan Stanley Smith Barney LLC. Deposits placed in Preferred Savings are eligible for FDIC insurance up to \$250,000 (including principal and interest) per depositor for all deposits held in the same insurable capacity (the Maximum Applicable Deposit Insurance Amount). All deposits held in the same insurable capacity will be aggregated for purposes of the Maximum Applicable Deposit Insurance Amount, including deposits maintained through the Bank Deposit Program. The client is responsible for monitoring the total amount held with the bank. The bank also reserves the right to offer promotional rates from time to time. Detailed information on federal deposit insurance coverage is available on the FDIC's website (<https://www.fdic.gov/deposit/deposits/>). The Preferred Savings program is not intended for clients who need to have frequent access to funds and those funds will not be automatically accessed to reduce a debit or margin loan in your brokerage account. Withdrawals from an account in Preferred Savings are limited to 10 transactions per calendar month, and any withdrawal or transfer over the limit in any one calendar month will be subject to an excess withdrawal fee. The client is responsible for monitoring the total amount held with each bank. The bank also reserves the right to offer promotional rates from time to time. Detailed information on federal deposit insurance coverage is available on the FDIC's website (<https://www.fdic.gov/deposit/deposits/>). **The Savings programs are not intended for clients who need to have frequent access to funds and those funds will not be automatically accessed to reduce a debit or margin loan in your brokerage account. Withdrawals from an account in Savings are limited to 10 transactions per calendar month, and any withdrawal or transfer over the limit in any one calendar month will be subject to an excess withdrawal fee.**

Reserved clients and CashPlus accounts are eligible for unlimited global ATM fee rebates. All other clients are eligible for up to \$200 in annual global ATM fee rebates. Daily withdrawal limits of \$1,500 to \$5,000 for ATMs and \$25,000 to \$50,000 for teller cash advances, depending upon tier. Unlike ATM fees that are rebated, Morgan Stanley will not reimburse fees that banks may charge for Debit Card cash advances.

While Morgan Stanley will always make transferred and deposited funds available immediately for investment purposes, we may not make all transferred or deposited funds immediately available for withdrawal. Funds deposited by check or funds transfer may be delayed depending on certain circumstances, such as dollar value, account status, etc., and could be held for up to six business days. Please contact your Financial Advisor or Private Wealth Advisor for additional information and/or review the Fund Availability Policy by signing into your Morgan Stanley Online account.

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June 7, 2022

Board of Trustees
City of Ormond Beach General, Firefighters', & Police Officers' Pension Plans
22 South Beach Street
Ormond Beach, FL 32174

Dear Trustees,

As discussed at the meeting last month, research indicates adding alternative investments to a portfolio with a long-term time horizon has the potential to increase risk-adjusted returns. Before additional investments can be considered, changes to the governing ordinance will need to be made.

Studies have shown that incorporating appropriate alternatives with traditional investments may potentially improve diversification, dampen volatility, and improve returns over time compared to a traditional-only asset allocation. Alternatives generally have lower correlations to traditional equities and fixed income which may enable them to perform differently in various market environments, resulting in improved diversification. Use of alternatives in combination with traditional investments is common with medium to large-sized institutions. The below table is an exhibit from the 2021 NACUBO-TIAA Study of Endowments which shows allocations to traditional and alternative asset classes for institutional funds of various sizes.

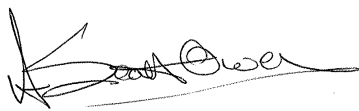
Asset Allocations (dollar-weighted)

	Total Institutions	OVER \$1B	\$501M - \$1B	\$251M - \$500M	\$101M - \$250M	\$51M - \$100M	\$25M - \$50M	UNDER \$25M
Total Institutions	720	136	76	105	181	126	67	29
U.S. Equities	12.78%	9.89%	24.27%	25.19%	30.90%	38.56%	40.87%	38.02%
Non-U.S. Equities	12.16%	11.54%	16.21%	14.47%	15.01%	13.37%	15.64%	15.26%
Global Equities	7.47%	7.28%	7.71%	8.93%	9.67%	7.04%	6.83%	7.98%
Marketable Alternatives	17.02%	18.13%	12.62%	13.53%	8.77%	6.37%	3.90%	2.49%
Private Equity	15.40%	16.56%	13.03%	8.75%	6.79%	3.44%	2.36%	0.17%
Private Venture Capital	11.77%	13.42%	4.52%	3.91%	2.01%	1.28%	0.63%	0.52%
Fixed Income	11.06%	9.99%	14.22%	15.29%	19.09%	23.14%	25.17%	32.04%
Real Assets	9.90%	10.54%	6.80%	7.50%	6.27%	5.01%	4.09%	3.11%
Other	2.45%	2.66%	0.63%	2.42%	1.48%	1.78%	0.52%	0.41%

The information provided in the chart above was obtained in the 2021 NACUBO-TIAA Study of Endowments.

Attached are slides providing education on alternative investments. If you have any questions, please give me a call at 813-227-2027.

Sincerely,



Scott Owens, CFA®, CIMA®
Managing Director – Wealth Management
Institutional Consulting Director, Alternative Investments Director



CITY OF ORMOND BEACH

City Manager • 22 S. Beach Street • Ormond Beach • Florida • 32174 • (386) 676-3200 • Fax (386) 676-3384

CITY MANAGER MEMORANDUM

To: The Honorable Mayor Partington and City Commissioners

Through: Joyce A. Shanahan, City Manager

From: Susan C. Dauderis, City Clerk

Date: September 7, 2022

Subject: Certification of Primary Election Results - Zone 1

Commission Goal: Governance - Other

Introduction

This is a resolution affirming the certification of the Volusia County Canvassing Board and declaring the results of the Primary Municipal Election held on August 23, 2022 for the office of City Commissioner, Zone 1.

Background

Pursuant to the Florida Election Code, the Volusia County Canvassing Board is responsible for canvassing and certifying election results when both County and City initiatives appear on the same ballot.

Discussion

This resolution affirms the County Canvassing Board certification of the results of the primary election of Zone 1 Commissioner. The official results of the election as certified by the County are attached.

The candidates for Zone 1 included Lori Tolland, Tim Grigsby, and Joseph Valerio. Candidate Lori Tolland received 55.19% of the votes.

Per *City Charter Sec. 5.06. Schedule and notice of elections, (a) Primary*. When more than two (2) persons qualify as candidates for the office of city commissioner for any of the designated seats of the city commission to be filled, the persons so qualified shall appear on the ballot and voted upon at a primary election. If any one candidate in the primary election receives more than fifty percent (50%) of the votes cast for a designated seat, such candidate shall be declared elected without the necessity of being voted upon in a run-off municipal election (general election scheduled for November 8, 2022).

Budget Impact

None

Citizen Impact

There is no citizen impact for this item.

Recommendation

It is recommended that the City Commission approve the resolution affirming the certification of the Volusia County Canvassing Board of the August 23, 2022 Primary Election, deeming Lori Tolland elected Zone 1 City Commissioner.

Attachments:

- 22-109 Cert results Primary - MAJORITY elected P22-0041G (PDF)
- 2022 OB Zone 1 Primary Election-Summary-Official-Results-EL45a (PDF)

REVIEWED BY:


Kelly McGuire, Finance Director 8/24/2022


Claire Whitley, Assistant City Manager 8/26/2022

APPROVED BY:


Joyce A. Shanahan, City Manager 8/29/2022

RESOLUTION NO. 2022-109

A RESOLUTION DECLARING THE RESULTS OF THE PRIMARY MUNICIPAL ELECTION CONDUCTED IN THE CITY OF ORMOND BEACH, FLORIDA, ON TUESDAY, AUGUST 23, 2022; AUTHORIZING THE ISSUANCE OF A CERTIFICATE; SETTING FORTH AN EFFECTIVE DATE.

WHEREAS, pursuant to the Florida Election Code, the Volusia County Canvassing Board is responsible for canvassing and certifying election results when both county and city initiatives appear on the same ballot, and

WHEREAS, the County and City both had initiatives on the same ballot during the City's Primary Municipal Election held on August 23, 2022, and

WHEREAS, the Volusia County Canvassing Board did canvass and certify the City's Primary Municipal Election held on August 23, 2022, and

WHEREAS, it appears from the Certificate of the Volusia County Canvassing Board in the Primary Municipal Election conducted in Zone 1 in the City of Ormond Beach, Florida, on the 23rd day of August, 2022 and from the tabulation of absentee votes, that the results of the said Election, with respect to the office of City Commissioner, Zone 1, are as follows:

Tim Grigsby	931 votes	(28.25%)
Lori Tolland	1,819 votes	(55.19%)
Joseph Valerio	546 votes	(16.57%)

WHEREAS, Section 5.07 of the City's Charter otherwise provides that the City Commission, as the City's canvassing board, is responsible for canvassing and certifying its municipal elections, and

WHEREAS, the City Commission desires to affirm the certification by the Volusia County Canvassing Board of the results of the City's Primary Municipal Election held on August 23, 2022; now therefore,

BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF ORMOND BEACH, FLORIDA, THAT:

SECTION ONE. The City Commission does hereby declare that Lori Tolland is the candidate receiving more than fifty percent (50%) of votes cast for the office of City Commissioner for Zone 1 of the City of Ormond Beach, Florida, and is hereby declared to be the legally elected City Commissioner for Zone 1 of the said City of Ormond Beach, Florida. The said candidate shall, in accordance with Section 5.06 of the City Charter, assume office on the third Tuesday in November 2022 (said date being November 15, 2022) following the general election to be held in November 2022, and shall serve until the third Tuesday after the first Monday in November 2024, as provided by law.

SECTION TWO. The City Clerk is hereby directed to furnish a Certificate fully signed by her, with the seal of the City of Ormond Beach, Florida, affixed thereto, to the City Commissioner hereby declared elected.

SECTION THREE. This Resolution shall take effect immediately upon its adoption.

APPROVED AND AUTHENTICATED, this 7th day of September, 2022.

BILL PARTINGTON
Mayor

ATTEST:

SUSAN CARROLL DAUDERIS
City Clerk

Run Date:08/26/22 11:09 PM

Report EL45A

Page 004

	TOTAL VOTES	%	VBM	EV	ED	PV/OT
Edgewater Council District 1						
(VOTE FOR) 1						
Rodney Bookhardt	1,670	33.57	521	389	760	0
Charlotte Hope Gillis	1,954	39.28	988	302	661	3
Chuck Martin - WITHDRAWN	1,351	27.16	726	202	423	0
Over Votes	0		0	0	0	0
Under Votes	546		269	96	181	0
Edgewater Council District 3						
(VOTE FOR) 1						
Morgan Adams	874	17.20	367	148	359	0
Debbie Dolbow	2,304	45.34	950	443	910	1
George R. Kennedy - WITHDRAWN	438	8.62	204	88	145	1
James Eldon McGinnis	619	12.18	249	122	247	1
Linda Mojer	847	16.67	493	123	231	0
Over Votes	4		2	1	1	0
Under Votes	435		239	64	132	0
New Smyrna Beach Mayor						
(VOTE FOR) 1						
Fred Cleveland	4,772	50.78	2,103	1,087	1,580	2
Spencer S. Hathaway	2,682	28.54	1,283	547	849	3
Susan G. Sigler	1,943	20.68	1,039	318	584	2
Over Votes	0		0	0	0	0
Under Votes	323		190	46	86	1
New Smyrna Beach Commissioner Zone 2						
(VOTE FOR) 1						
Lisa Martin	3,584	39.37	1,979	636	965	4
David McKenna	2,373	26.07	981	545	847	0
Joel Paige	953	10.47	364	231	357	1
Steve Snively	2,193	24.09	976	497	719	1
Over Votes	6		5	0	1	0
Under Votes	611		310	89	210	2
Ormond Beach Commissioner Zone 1						
(VOTE FOR) 1						
Tim Grigsby	931	28.25	460	145	326	0
Lori Tolland	1,819	55.19	939	266	613	1
Joseph Valerio	546	16.57	242	96	208	0
Over Votes	1		0	1	0	0
Under Votes	80		49	8	23	0



CITY OF ORMOND BEACH

City Manager • 22 S. Beach Street • Ormond Beach • Florida • 32174 • (386) 676-3200 • Fax (386) 676-3384

CITY MANAGER MEMORANDUM

To: The Honorable Mayor Partington and City Commissioners
Through: Joyce A. Shanahan, City Manager
From: Steven Spraker, Planning Director
Date: September 7, 2022
Subject: Impact Fee Update Study

Commission Goal: Community Development - Other

Introduction

This is a discussion item to review the draft “Water and Wastewater Utility System Connection Fee Study” and “Municipal Impact Fee Study” prepare by Raftelis Financial Consultants “Raftelis” for the City’s impact fees.

Background

Impact fees are collected from builders or developers for new construction to help pay for increased infrastructure demands created by the new growth. The City of Ormond Beach has assessed impact fees for water and sewer since 1974. An impact fee for recreational facilities was added in 1987 and a comprehensive impact fee ordinance was adopted in 1990. The 1990 ordinance included impact fees for the full range of capital facilities (administrative facilities, conservation land, cultural facilities, fire protection, law enforcement, local roads, solid waste, road/drainage maintenance and stormwater).

Impact fees are an important component of the City’s comprehensive planning process and a necessary tool to ensure that new growth pays its fair share of capital improvement costs. The Comprehensive Plan identifies the future growth that is projected to occur, the capital facilities required to serve that growth, and a minimum level-of-service (LOS) standard that will be provided for new development. The City has adopted LOS standards for potable water, sanitary sewer, solid waste, drainage, parks, roads and firefighting, but only collects impact fees for some of these services. The City has adjusted water and sewer impact fees annually based upon increases to the Engineering News Record Construction Cost Index (ENR CCI).

In 1996, the City reviewed its impact fee ordinance and determined that the projected capital improvement needs for the following five years did not warrant collection of certain fees. The City eliminated impact fees for administrative facilities, conservation

land, fire protection, law enforcement, solid waste and road/drainage maintenance. The cultural facilities impact fee was not eliminated, but reduced to \$0 because of potential conflicts with the adopted Comprehensive Plan.

In 2009, the City of Ormond Beach was designated as a Dense Urban Land Area requiring the City to adopt a financially feasible multimodal strategy. The City adopted the Mobility Strategy and 2025 Comprehensive Plan amendments in 2010. The mobility fee replaced concurrency and the imposition of City road impact fees on certain state roads in Transportation Concurrency Exception Areas (TCEA). Elsewhere, the City's road impact fee applies. An amendment to Section 1-27 of the Land Development Code was adopted per Ordinance No. 2015-44 to allow the City Commission to approve impact fee credit agreements that prevent impact fees from declining ten (10%) percent yearly over ten (10) years after the final inspection date of the demolition.

On May 18, 2021, the City Commission authorized Resolution 2021-86 to accept a bid proposal from Raftelis for an impact fee study update to review and amend the water, sewer, park & recreation, stormwater, local road and mobility fees. The scope-of-work also provided a task for a feasibility analysis to add fire and police impact fees and make a recommendation if these fees should be pursued with a separate work authorization. The total fee for the impact fee study is \$99,445.

Discussion

Raftelis has provided an analysis of the existing impact fees in two studies: "Water and Wastewater Utility System Connection Fee Study" and "Municipal Impact Fee Study." Below is a summary with "key points" that are for informational purposes and "discussion/direction points" on which staff and the consultant are seeking policy confirmation and/or direction.

Overall:

Impact fees and connection fees for residential uses are measured based on units. Water and sewer connection fees for non-residential uses are based on the number of fixtures (sinks, toilets, hose bibs). The road impact fee and mobility fee are based upon the use. Park and Recreation is assessed only for residential uses. The City's current impact fee regulations allow impact fee credits for a period of ten years and decreases the credit 10% each year after the final inspection date of the demolition. The City has amended the impact fee regulation to preserve impact fee credits by action of the City Commission. One discussion/direction point listed below is whether to remove the provision that the impact fee credits expire.

Key Points

- A. Proposed impact fee increases are regulated by the Florida Statutes, specifically section 163.31801. These statutes set the requirements for the calculation of the fees, limitations on proposed fee increases, phasing requirements for fee increases, and related exemptions/special provisions. Per the statutes the proposed increases would normally be capped at a 50% increase and required to

be phased in over a four (4) year period of time unless pursued via the extraordinary circumstance provisions in impact fee statutes which would potentially allow for proposed fees to be implemented all at once and without a cap. The current proposal is to pursue these increases via this provision. (See *pages 3-4 and 3-5 and Appendix A of the "Municipal Impact Fee Study"*)

- B. State Statute requires 90 days before an effective date of an ordinance imposing new or increased impact fees. (See *page ES-2 of the "Municipal Impact Fee Study"*)

Discussion/Direction Point (1): Current regulations decrease impact fee credits for demolished buildings by 10% per year until all the impact fee credits expired. The "Municipal Impact Fee Study" recommends no expiration of impact fee credits. (See *page ES-3 of the "Municipal Impact Fee Study"*)

Water & Sewer: (Section 2 of "Water and Wastewater Utility System Connection Fee Study")

Connection Fee Study result:

Water connection fee (See *pages 2-6 of the "Water and Wastewater Utility System Connection Fee Study"*)

Description*	Proposed ELU factor	Existing fees	Proposed fee	Increase/ (Decrease)
Single family per unit	1.0	\$2,902	\$2,333	(\$569)
Multi-family per unit	0.80 (was 0.50)	\$1,451	\$1,866	\$415
Mobile Home per unit	0.90 (was 0.60)	\$1,741.20	\$2,099	\$358

*New non-residential customers charged based on an ELU factor based on a fixture count.

Sewer connection fee (See *pages 2-7 of the "Water and Wastewater Utility System Connection Fee Study"*)

Description*	Proposed ELU factor	Existing fees	Proposed fee	Increase/ (Decrease)
Single family per unit	1.0	\$2,829	\$3,577	\$748
Multi-family per unit	0.80 (was 0.50)	\$1,414	\$2,861	\$1,447
Mobile Home per unit	0.90 (was 0.60)	\$1,697.40	\$3,219	\$1,522

*New non-residential customers charged based on an ELU factor based on a fixture count.

Key Points:

- C. Study recommends the term "connection" fee instead of "impact" fee. Connection fees are a common term used in the state of Florida.
- D. Western Service Area. The City should create two service area districts/ zones with one being for the existing City service area and one being for the Western Service Area, including the Avalon Park Daytona utility service area as they have differing infrastructure needs. Both districts would be assessed the same water

and sewer connection fee until a specific connection fee analysis for the Western Service Area can be completed. (See pages 2-4 of the see pages 2-6 of the “Water and Wastewater Utility System Connection Fee Study”)

- E. Equivalent Living Unit factor for multi-family and mobile homes. Under the existing regulations multi-family units are assessed 0.50 of a single-family impact fee and mobile homes are assessed 0.60 of a single-family impact fee. The study has revised the Equivalent Living Unit factors to 0.80 for multi-family units and 0.90 for mobile homes. (See pages ES-1 and 2-2 of the see page 2-6 of the “Water and Wastewater Utility System Connection Fee Study”)

Park and Recreation: (Section 3 of “Municipal Impact Fee Study”)

Impact Fee Study result:

Park and Recreation impact fee (See pages 3-4 of the Municipal Impact Fee Study)

Description Maximum	Existing Fees	Supportable Fees	50% Increase Proposed Fees	Increase/ (Decrease)
Single family per unit	\$1,312.24	\$2,500	\$1,968	\$655.76
Multi-family per unit	\$1,048.42	\$2,021	\$1,572	\$449
Mobile Home per unit	\$785.74	\$1,658	\$1,178	\$392.26

Key Points:

- F. The study states the maximum supportable impact fee is significantly higher than the City’s current fees due to the current investment and future planned investment in the department. For purposes of maintaining relative competitiveness with neighboring municipalities the study questions if a 50% increase is desired as opposed to the maximum supportable fee. (See pages 3-4 through 3-6 of the “Municipal Impact Fee Study”)

Discussion/Direction Points:

2. Should the maximum supportable fee be assessed or cap the increase at 50% of the maximum supportable fee considering comparability with neighboring jurisdictions?
3. Should the impact fee increase be increased over a two-year or multi-year period or a one-time increase?

Stormwater: (Section 4 of “Municipal Impact Fee Study”)

The City currently charges a stormwater drainage impact fee of \$119.39 per unit. The consultants could not find any other Florida municipalities that charge stormwater impact fees and noted that stormwater impact fees can be difficult to justify. Many Florida municipalities assess a stormwater fee for capital costs as well as recurring/non-capital related expenses which impact fees cannot pay for. (See pages 4-1 and 4-2 of the “Municipal Impact Fee Study”)

Discussion/Direction Point (4): Recommendation to eliminate the stormwater impact fee. The City would maintain the existing stormwater fee that is included with the water bill that is separate of impact fees. (See pages 4-1 and 4-2 of the “Municipal Impact Fee

Study”)

Local Road Impact Fee (Section 5 of “Municipal Impact Fee Study”)

Impact Fee Study result: (See pages 5-11 of the “Municipal Impact Fee Study”)

Land Use	Unit	Proposed Fee	Current Fee	Increase
Single Family	DU	\$864.59	\$162.61	\$701.98
Multi-Family	DU	\$548.32	\$162.61	\$385.71
Mobile/Manufactured Home	DU	\$740.33	\$162.61	\$577.72
Hotel/Motel	Rooms	\$355.87	\$114.85	\$241.02
General/Government Office	KSF	\$1,709.28	\$230.83	\$1,478.45
Medical Office	KSF	\$3,434.79	\$1,014.31	\$2,420.48
Hospital	KSF	\$1,114.66	\$212.64	\$902.02
Nursing Home	Beds	\$268.79	n/a	\$268.79
Industrial	KSF	\$450.23	\$100.07	\$350.16
General Commercial (<40,000)	KSF	\$3,736.72	\$834.64	\$2,902.08
General Commercial (40,000-150,000)	KSF	\$5,559.09	\$802.81	\$4,756.28
General Commercial (<150,000)	KSF	\$2,539.87	\$602.67	\$1,937.20
Fast-Food	KSF	\$25,155.10	n/a	\$25,155.10
Restaurant	KSF	\$5,593.44	\$881.26	\$4,712.18
General Recreation	KSF	\$2,996.69	\$59.13	\$2,937.56
Schools	Students	\$226.79	n/a	\$226.79
Church	KSF	\$790.25	\$150.09	\$640.16
Day Care	KSF	\$4,951.51	\$329.27	\$4,622.24
Convenience Store	KSF	\$26,948.94	\$1,355.44	\$25,593.50

Raftelis has provided an analysis of the local road impact fee calculations in the “Municipal Impact Fee Study.”

Key Points:

- G. The study states the maximum supportable impact fee is significantly higher than the City’s current fees.

Discussion/Direction Point (5): Should the impact fee increase be increased over a two-year or multi year period or a one-time increase?

Mobility Fee (Section 5 of “Municipal Impact Fee Study”)

The City adopted Multi-Modal Strategies including mobility fees with TCEA. The roadways where the mobility fees are assessed include State Road (SR) 40 (SR A1A to Williamson Boulevard), U.S. Highway 1 (Wilmette Avenue to the southern City limit) and SR A1A (SR 40 to the southern City limit) and are along Votran’s eastside spine networks. In these areas, proportionate fair share contributions are replaced with a

mobility fee based on a per trip basis. The existing per person trip is \$16 and the study resulted in a per person trip rate of \$85.67.

Key Points:

- H. The study states the maximum supportable impact fee is significantly higher than the City's current fees. For purposes of maintaining relative competitiveness with neighboring municipalities should the City aim for a policy-based percentage reduction as opposed to charging the maximum supportable fee?

Discussion/Direction (6): Should the impact fee increase be increased over a two-year or multi year period or a one-time increase?

Police Impact Fee Feasibility Analysis (Section 6 of "Municipal Impact Fee Study")

As part of the impact fee study, a feasibility analysis was sought for police impact fees. The City of Ormond Beach currently does not assess a police impact fee. The analysis showed that eight of eleven neighboring communities assess a police impact fee. The average rate for a single-family unit among the surveyed communities was \$268. Raftelis determined that the City can provide the necessary data to develop and support police impact fees. The police department is configured in a manner that would support the charging of a fee. It is a recommendation of the feasibility analysis that the City consider calculating and establishing police impact fees.

Discussion/Direction Point (7): Should an additional work authorization be approved (separate Resolution presented to the City Commission) to create a police impact fee.

Fire Impact Fee Feasibility Analysis (Section 6 of "Municipal Impact Fee Study")

As part of the impact fee study, a feasibility analysis was sought for fire impact fees. The City of Ormond Beach currently does not assess a fire impact fee. The analysis showed that ten of eleven neighboring communities assessed a fire impact fee. The average rate for a single-family unit among the surveyed communities was \$271. Raftelis determined that the City can provide the necessary data to develop and support fire impact fees. The fire department is configured in a manner that would support the charging of a fee. It is a recommendation of the feasibility analysis that the City consider calculating and establishing fire impact fees.

Discussion/Direction Point (8): Should an additional work authorization be approved (separate Resolution presented to the City Commission) to create a fire impact fee.

Budget Impact

Impact fees are a key component of the City's capital infrastructure that is budgeted within the Capital Improvement Program. Capital projects are reflected in the Comprehensive Plan in the Capital Improvement Elements. Impact fees assist the City in maintaining adopted LOS and providing capacity to provide service to new growth as established in the Comprehensive Plan. Impact fees are assessed on new development to fund capital projects needed based on the additional demands from new

development. Impact fees are not used for operating expenses or recurring maintenance. If approved, the additional work authorization for police and fire impact fees would have a budget impact of \$31,555.

Based on changes to state law, the City will not be able to annually increase impact fees based upon the ENR CCI. Changes in impact fees would need the data and analysis to support the impact fee increase to the planned capital costs and the LOS established by the City.

Citizen Impact

There is an expectation that new construction should pay for the costs associated with its infrastructure impact. The impact fee study update would provide an update to establish impact fees based on the infrastructure impacts of new development.

Recommendation

This discussion item is designed to provide the City Commission the draft “Water and Wastewater Utility System Connection Fee Study” and “Municipal Impact Fee Study” and obtain policy confirmation and direction. The next steps would include:

- If desired, an additional work authorization for police and fire impact fees would be presented to the City Commission for action;
- Two meetings, including discussions with the development community, are required to comply with the extraordinary circumstance provisions in impact fee statutes and obtain any input on the impact fee study update;
- If desired, a follow-up workshop/discussion item regarding impact fees.
- Presentation to the City Commission of an Ordinance amending the current impact fees; and
- Ninety-day (90) period from the adoption of the Ordinance before the new impact fee schedule is effective.

Summary of discussion/direction points

#	Area	Discussion/Direction Point
1.	Overall	Current regulations decrease impact fee credits for demolished buildings by 10% per year until all the impact fee credits expired. The “Municipal Impact Fee Study” recommends no expiration of impact fee credits.
2.	Parks & Recreation	Should the maximum supportable fee be assessed or cap the increase at 50% of the maximum supportable fee considering comparability with neighboring jurisdictions?
3.	Parks & Recreation	Should the impact fee increase be increased over a two-year or multi-year period or a one-time increase?
4.	Stormwater	Recommendation to eliminate the stormwater impact fee.
5.	Local Roads	Should the impact fee increase be increased over a two-year or longer period or a one-time increase?

6.	Mobility Fee	Should the impact fee increase be increased over a two-year or multi year period or a one-time increase?
7.	Police	Should an additional work authorization be approved (separate Resolution presented to the City Commission) to create a police impact fee
8.	Fire	Should an additional work authorization be approved (separate Resolution presented to the City Commission) to create a fire impact fee.

Attachments:

- Utility Connection Fee & Municipal Impact Fee Studies - Discussion Presentation (PDF)
- W&WW Connection Fee Report and Tables (Draft 2) (PDF)
- Municipal Impact Fee Report and Tables - (Draft 2) (PDF)
- Police and Fire Impact Fee Analysis Additional Services(PDF)

REVIEWED BY:


 Kelly McGuire, Finance Director 8/22/2022


 Claire Whitley, Assistant City Manager 9/1/2022

APPROVED BY:


 Joyce A. Shanahan, City Manager 9/1/2022

CITY OF Ormond Beach

Utility Connection Fee and Municipal Impact Fee Study

Presented – September 7th, 2022



RAFTELIS



Agenda

- Review Water and Wastewater Utility Connection Fee Analysis
- Review Municipal Impact Fee Analysis
- Questions and Answers



Water and Wastewater Utility Connection Fee Analysis



Connection Fee Background

- Purpose of connection fees are to assign, to the extent practical, growth-related capital costs to new development responsible for such additional costs
- Avoids passing growth-related costs from burdening existing users



Major Assumptions

- Water system treatment / production capacity and flow
 - › Permitted capacity of 12.0 MDG ADF
 - › Average Flow – 6.729 MGD
 - › Available capacity for growth – 44%
- Wastewater system treatment capacity and flow
 - › Permitted capacity of 8.0 MGD ADF
 - › Average flow – 4.465 MGD
 - › Available capacity for growth – 44%
- Reclaimed water system treatment capacity and flow
 - › Permitted capacity of 9.98 MGD ADF
 - › Average flow – 3.769 MGD
 - › Available capacity for growth – 62%

Major Assumptions (Cont.)

- Existing Level of service (gallons per day per capita)
 - › Level of service based on review of comprehensive plan / master plan documents, customer usage demands, demographic information
 - › Water – 300 gallons per day per unit
 - 124 gallons per day per capita
 - › Wastewater – 280 gallons per day unit



Major Assumptions (Cont.)

- Existing investment in utility assets - \$251.5 million
 - › \$75.2 Million excluded from fee calculations as misc. equipment, non-backbone distribution and collection lines
- Planned future investment of \$48.2 million
 - › \$21.4 Million recognized in fee calculation
 - › (\$6.8) Million in assumed existing asset retirements
 - › \$14.6 Million net increase in installed infrastructure



Western Service Area

- Avalon Park
- Consider separate service area / district
- Can be completed with separate study once capital costs and density/intensity confirmed



Existing and Proposed Water / Irrigation Connection Fees

Description	Proposed ELU Factor	Existing Fees	Proposed Fees	Increase / (Decrease)
Residential				
Single Family per Unit	1.0	\$2,902.00	\$2,333.00	(\$569.00)
Multi-Family per Unit	0.80 (was 0.50)	\$1,451.00	\$1,866.00	\$415.00
Mobile Home per Unit	0.90 (was 0.60)	\$1,741.20	\$2,099.00	\$358.00

- New non-residential customers charged based on an ELU factor based on a fixture count



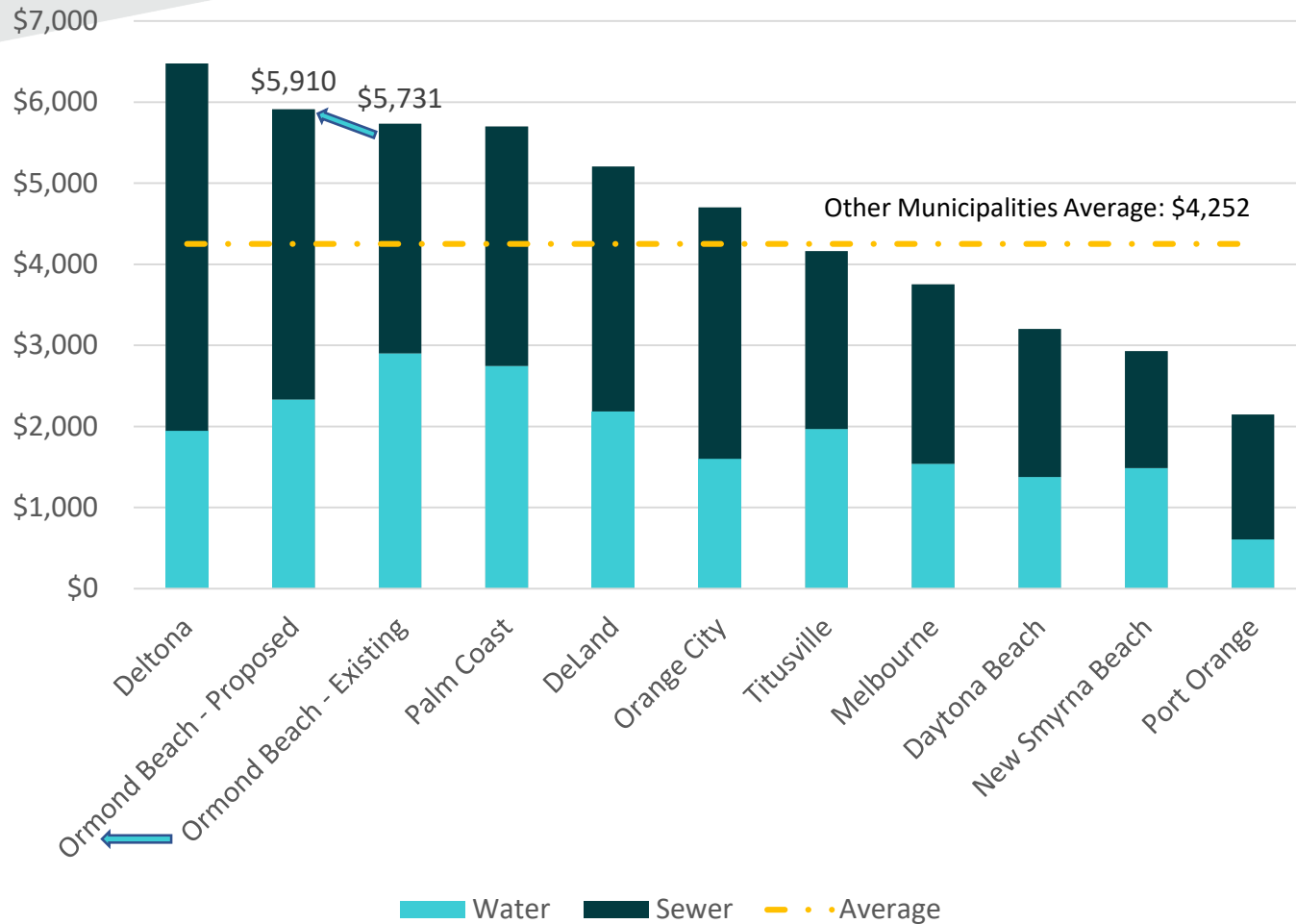
Existing and Proposed Wastewater Connection Fees

Description	Proposed ELU Factor	Existing Fees	Proposed Fees	Increase / (Decrease)
Residential				
Single Family per Unit	1.0	\$2,829.00	\$3,577.00	\$748.00
Multi-Family per Unit	0.80 (was 0.50)	\$1,414.00	\$2,861.00	\$1,447.00
Mobile Home per Unit	0.90 (was 0.60)	\$1,697.40	\$3,219.00	\$1,522.00

- New non-residential customers charged based on an ELU factor based on a fixture count



Water and Wastewater Service Connection Fees Comparison



Recommendations

- The City should consider adopting the proposed water and wastewater utility connection fees
- The City should review the utility connection fees periodically
- The City should consider the creation of two service area districts / zones with one being for the existing City service area and one being for the Western Service Area
 - › Apply proposed fees outlined in this presentation to both districts until a specific connection fee analysis for the Western Service Area can be completed
- Modification of ELU factors: Multifamily from 0.50 to 0.80 and mobile home from 0.60 to 0.90

Municipal Impact Fee Analysis



Purpose and Background

- Provide the basis for proposed development municipal impact fees
 - › Fees are paid by new development and expansions that results in an increased demand
 - › Fees are used to pay for growth-related facilities



Legal Considerations

The basis for impact fees and related criterial have been developed under Florida Statutes and case law

Florida Impact Fee Act History

- Florida Legislature created section 163.31801 of the Florida Statutes governing impact fees
- Created June 14, 2006
- Amended 2009, 2011, 2019, and most recently in 2021



Legal Considerations (Cont.)

Florida Impact Fee Act

- Requires the calculation of impact fees to be based on the most recent and localized data
- Provides for accounting and reporting of impact fee revenues and expenditures in a separate fund
- Limits administrative charges for the collection of impact fees to actual costs
- Requires 90 days notice before imposing a new or increased fee
- Annual affidavit on compliance signed by the city
- Government has the burden of proof in any challenge of an impact fee
- Cannot be charged before issuance of building permit



Legal Considerations (Cont.)

Limitations on Increasing Impact Fees

- An increase not more than 25 percent of the current rate must be implemented in two equal annual increments beginning with the date on which the increased fee is adopted
- An increase that exceeds 25 percent but not more than 50 percent of the current rate must be implemented in four equal installments beginning with the date the increased fee is adopted
- An impact fee increase may not exceed 50 percent of the current impact fee rate
 - › Unless considered an extraordinary circumstance
- An impact fee may not be increased more than once every 4 years



Impact Fee Criteria

- Dual rational nexus (based on cost of capacity to serve new growth)
- Impact fees must be based on the capital cost requirements anticipated for providing service to new development
- Impact fees must be based upon reasonable level of service standards that meet the needs of the City
- Impact fees cannot be used to fund deficiencies in capital needs of the city or pay for any operating costs

Fee Calculation Methodology

- Develop population and unit forecast
- Review levels of service
- Identify existing investment and future projects to serve growth
- Rate calculated per residential dwelling unit (single family, multi-family, and mobile home) for parks and recreation
- Rate calculated for residential and non-residential developments uniquely based on type of customer for transportation



City Service Area Forecast

Existing and Projected Population and Dwelling Units ^[1]			
Year	Total Population	Total Dwelling Units	Average Persons per Household ^[2]
2020	43,080	18,489	2.33
2021	44,041	18,902	2.33
2025	45,829	19,669	2.33
2030	48,167	20,673	2.33
2040	50,630	21,730	2.33

[1] Future population estimates based on a review of historical population growth as obtained from the US Census Bureau and from projections from the City.

[2] Average persons per household shown is the weighted average between single family at 2.53 persons per unit, multifamily at 2.05 persons per unit, and mobile home at 1.68.

Parks and Recreation Impact Fee Analysis



Open Space Level of Service

- Existing level of service – 13.0 acres per 1,000 residents
- City currently has approximately 56 parks with a total of 604.11 acres
- Major parks include:
 - › Central Park I-IV – 152 acres
 - › Ormond Beach Sports Complex – 130 acres
 - › Riverbend Nature Park – 82 acres
 - › Nova Community Park – 64 acres
- Currently City has a surplus of approximately 34.92 total acres based on current level of service requirements
- The City will need to acquire an additional 50.74 acres by 2040 to maintain its level of service



Calculation of Maximum Supportable Impact Fee

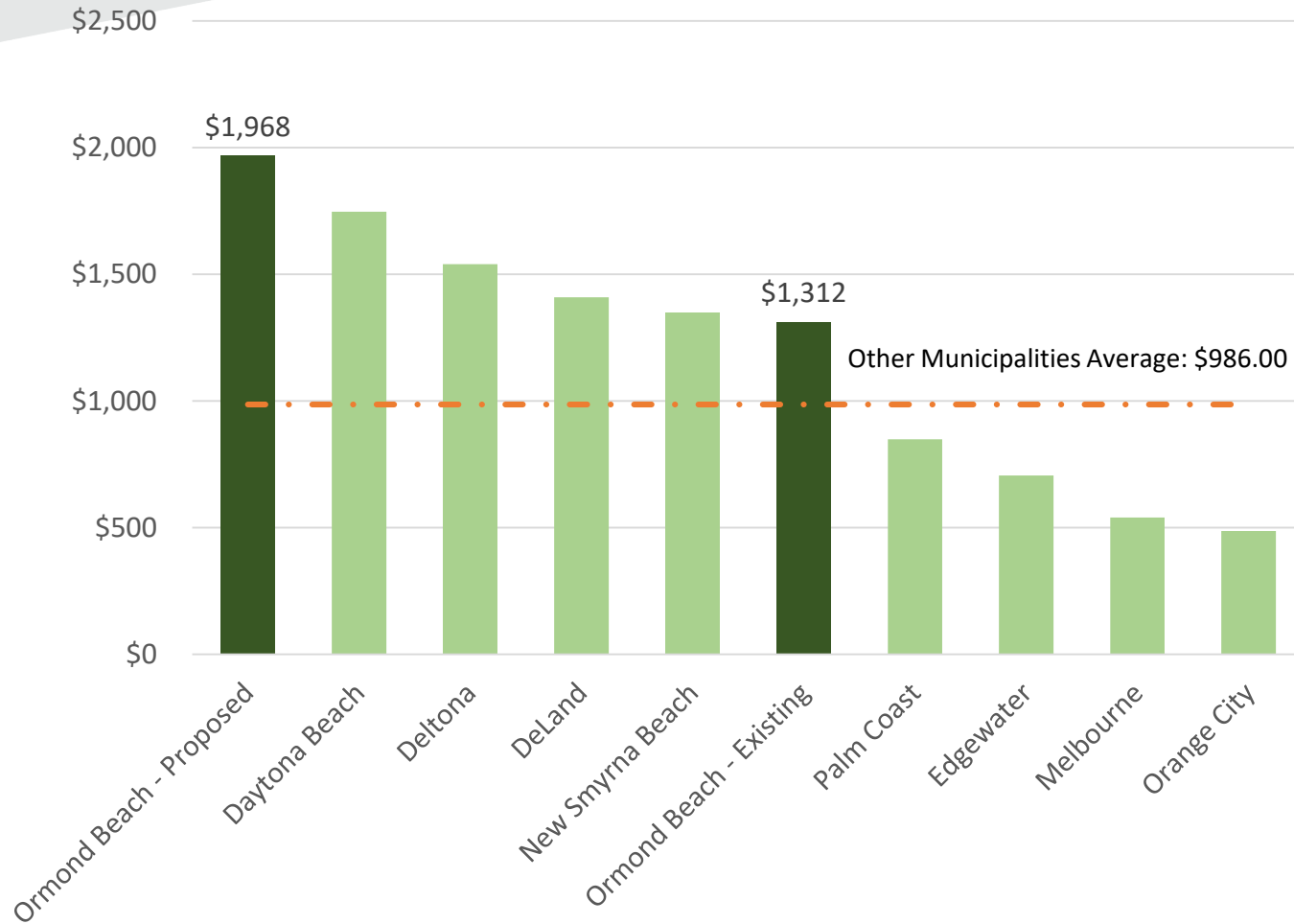
Summary of Capital Costs	
Existing Facilities	\$55,638,123
Future Facilities	<u>4,160,001</u>
Total Cost of Facilities	\$59,798,124
Retirements / Grants	<u>(9,855,920)</u>
Net Facilities Cost	\$49,942,204
Total Projected 2040 Population	<u>50,630</u>
Total Cost Per Person	\$986.41
Residential at 2.53 Persons per Unit	\$2,500.00
Multi-Family at 2.05 Persons per Unit	\$2,021.00
Mobile Home at 1.68 Persons per Unit	\$1,658.00

Existing and Proposed Impact Fees

Description	Existing Fees	Maximum Supportable Fees	50% Increase Proposed Fees	Increase / (Decrease)
Single Family per Unit	\$1,312.24	\$2,500.00	\$1,968.00	\$655.76
Multi-Family per Unit	\$1,048.42	\$2,021.00	\$1,572.00	\$449.00
Mobile Home per Unit	\$785.74	\$1,658.00	\$1,178.00	\$392.26

- Propose fee increase through extraordinary circumstance provisions in impact fee statutes
- Should maximum supportable fee be assessed or cap increase at 50% of maximum supportable fee considering comparability with neighboring jurisdictions?

Parks and Recreation Impact Fee Comparison – Single Family



Parks and Recreation Decision Points

- Should maximum supportable fee for Parks & Recreation be assessed (\$2,500) or cap increase at 50% of maximum supportable fee (\$1,968) considering comparability with neighboring jurisdictions?
- Should the impact fee increase be increased over a two-year period or a one-time increase?



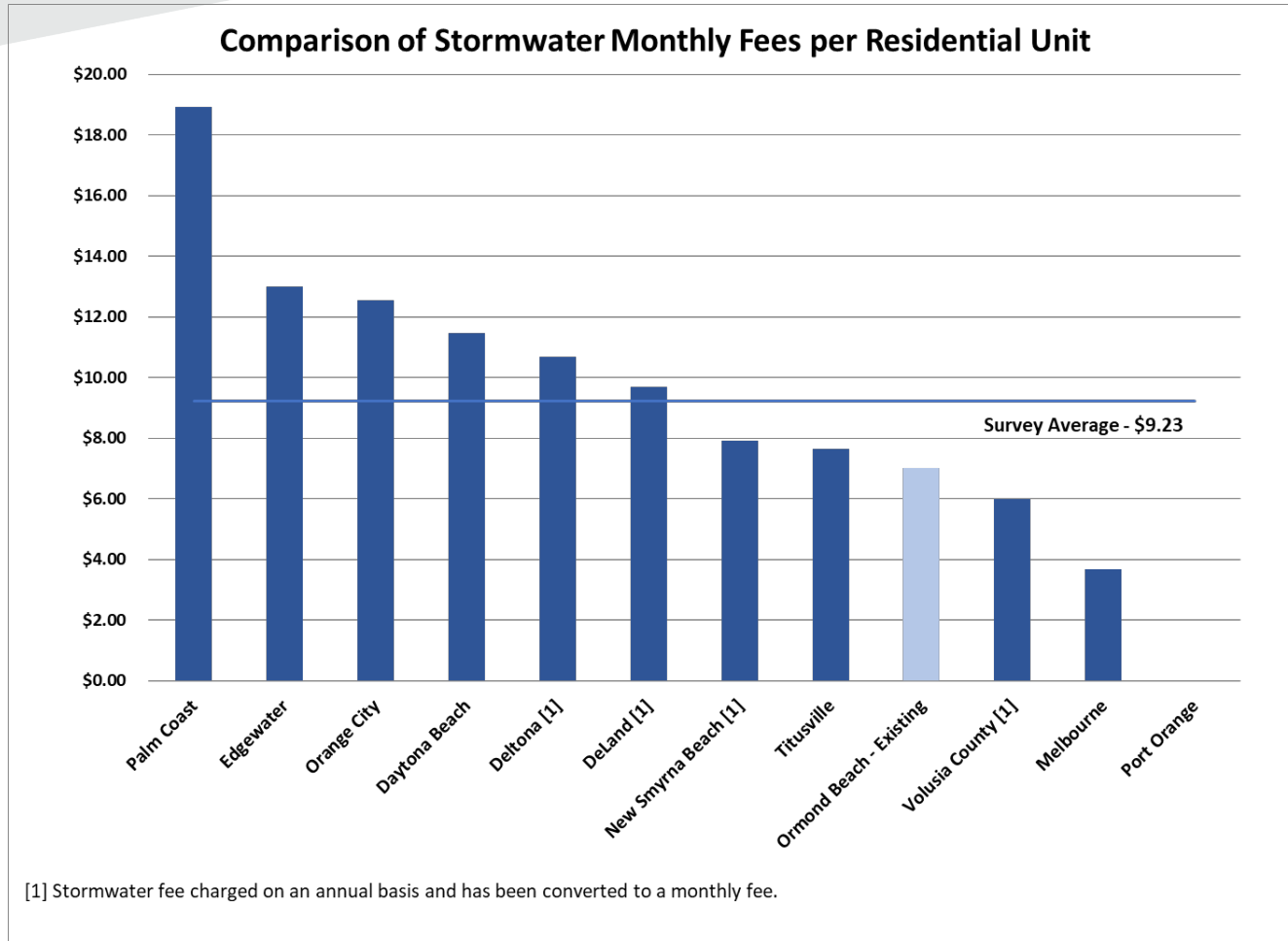
Stormwater Impact Fee Analysis



Overview and Recommendations

- The City currently charges a stormwater drainage impact fee of \$119.39 per unit
- Due to data and other limitations, it is difficult to identify growth related projects and impacts
- Could not find any other Florida municipalities that charge stormwater impact fees
 - › Most fund needs through recurring fees, grants, general tax revenues, and other sources
- Monthly stormwater fees tend to generate more consistent revenue than Impact fees
- **Decision Point:** Recommendation to discontinue stormwater impact fees

Recurring Stormwater Fee Comparison



Local Roads and Mobility Fee Analysis



Land Use Changes

- Single-Family Residential
 - › Includes duplexes & townhomes – anything with shared walls, but not shared ceiling/floor
- Warehouse
 - › Mini-warehouse included within warehouse due to similar rates
- Nursing Home
 - › Now based on number of beds rather than square feet
- Commercial
 - › Revised to break intensities at the same places as 11th Edition ITE
 - › <40 KSF; 40-150 KSF; >150 KSF
- Fast Food
 - › Includes coffee/donut shops
 - › Pulled separate from other restaurants due to large differences in trip gen
- CBD Sandwich Shop
 - › Removed as separate use, combined with restaurant
- Local Park
 - › Removed as municipal projects don't pay fees and parks aren't represented by square footages
- School/Church
 - › Broken into 2 categories
 - › Schools now based on number of students
 - › Church still based on area
- Bank
 - › Both bank uses combined into one land use

Demand Data from Model

- Based on trips starting or ending in the City of Ormond Beach
- Total of 312,315 trips per day
- Total of 3,070,798 vehicle miles traveled (VMT)
- Average Total Trip Length = 9.83 miles
- 5.9% of VMT is on City roads
- Assessed Trip Length = $9.83 * 5.9\% = 0.58$ miles



Local Roadway Cost Data

Project	Description	Length	Total Project Cost	Cost Per Lane Mile	Source
SR 40 SR 15/US 17 to SR 11	2-4 Lane	6.376	\$59,007,114	\$4,627,283	River to Sea TIP
SR 40 SR 11 to Cone Rd	2-4 Lane	7.64	\$65,965,724	\$4,317,129	River to Sea TIP
Beresford Ave Blue Lake Ave to MLK Jr. Beltway	New 2 Lane	0.88	\$3,709,304	\$2,116,396	Volusia CIP
Blue Lake Extension Blue Lake to SR 472	New 2 Lane	0.33	\$3,395,594	\$5,119,571	Volusia CIP
Howland Boulevard Providence to Elkcam	2-4 Lane	2.17	\$17,528,420	\$4,038,806	Volusia CIP
Orange Camp Road MLK Blvd to I-4	2-4 Lane	1.51	\$12,760,375	\$4,224,124	Volusia CIP
Williamson Blvd Strickland Range Rd to Hand Ave	2-4 Lane	1.12	\$8,198,000	\$3,659,821	Volusia CIP
Average Cost Per Lane Mile				\$4,073,885	

Roadway Capacity Estimate

Project	Description	Length	Existing Capacity	Proposed Capacity	New Capacity Lane Miles
SR 40 SR 15/US 17 to SR 11	2-4 Lane	6.38	17,700	39,800	140,910
SR 40 SR 11 to Cone Rd	2-4 Lane	7.64	17,700	39,800	168,844
Beresford Ave Blue Lake Ave to MLK Jr. Beltway	New 2 Lane	0.88	0	15,600	13,671
Blue Lake Extension Blue Lake to SR 472	New 2 Lane	0.33	0	15,600	5,173
Howland Boulevard Providence to Elkcarn	2-4 Lane	2.17	15,600	33,800	39,494
Orange Camp Road MLK Blvd to I-4	2-4 Lane	1.51	17,700	39,800	33,380
Williamson Blvd Strickland Range Rd to Hand Ave	2-4 Lane	1.12	17,700	39,800	24,752
Total		20.02			426,224

Gas Tax Credit

- Ormond Beach share of gas tax by 2026: \$0.0045
- 25 year planning horizon
- 365 days/year operation
 - › Conservative estimate – not all land uses operate 365 days/year
- 4.5% municipal bond rate
 - › Estimated from current Daytona Beach municipal bonds
- 18.2 miles/gallon
 - › Average fuel efficiency of vehicles per Federal Highway
- 9.83 mile average trip length
 - › Used since Ormond Beach share is taken in gas tax



Local Road Impact Fee Calculations

$$\text{Total Impact Cost} = \frac{(\text{Daily Trips} * \text{Assessed Trip Length} * \% \text{ New Trips})}{2} * \frac{\text{Lane - Mile Cost}}{\text{Lane Mile Capacity}}$$

$$\text{Capital Improvement Credit} = \frac{\text{Daily Trips} * \text{Avg Trip Length} * \% \text{ New Trips}}{2} * 365 * \frac{\text{Gas Tax}}{\text{Fuel Efficiency}}$$

$$\text{Impact Fee} = \text{Total Impact Cost} - \text{Capital Improvement Credit}$$

Comparison of Existing & Proposed Local Road Impact Fees

Land Use	Unit	Proposed Fee	Current Fee
Single Family	DU	\$864.59	\$162.61
Multi-Family	DU	\$548.32	\$162.61
Mobile/Manufactured Home	DU	\$740.33	\$162.61
Hotel/Motel	Rooms	\$355.87	\$114.85
General/Government Office	KSF	\$1,709.28	\$230.83
Medical Office	KSF	\$3,434.79	\$1,014.31
Hospital	KSF	\$1,114.66	\$212.64
Nursing Home	Beds	\$268.79	n/a
Industrial	KSF	\$450.23	\$100.07
Warehouse	KSF	\$176.56	\$100.07

Land Use	Unit	Proposed Fee	Current Fee
General Commercial (<40,000)	KSF	\$3,736.72	\$834.64
General Commercial (40,000-150,000)	KSF	\$5,559.09	\$802.81
General Commercial (<150,000)	KSF	\$2,539.87	\$602.67
Fast-Food	KSF	\$25,155.10	n/a
Restaurant	KSF	\$5,593.44	\$881.26
General Recreation	KSF	\$2,996.69	\$59.13
Schools	Students	\$226.79	n/a
Church	KSF	\$790.25	\$150.09
Day Care	KSF	\$4,951.51	\$329.27
Convenience Store	KSF	\$26,948.94	\$1,355.44
Bank	KSF	\$6,782.33	\$1,355.44

Mobility Fees

- Based off of the same variables as the local roads impact fee, but calculated on a person-trip basis
- Fee is given in number of person-trips
- Applicants can calculate person-trip generation rates for each land use using the ITE Trip Generation Manual, 11th Edition
 - › Use person-trip rates when available
 - › Use vehicle-trip rates when person-trip rates are not available, using the average vehicle occupancy (1.47)

$$\frac{\text{Total Impact Cost}}{\text{Person-Trip}} = \frac{\text{Assessed Trip Length}}{2 * \text{Vehicle Occupancy}} * \frac{\text{Lane-Mile Cost}}{\text{Lane Mile Capacity}}$$

$$\text{Mobility Fee} = \frac{0.58}{2 * 1.47} * \frac{\$4,073,885}{9,381} = \$85.67 / \text{person - trip}$$

Local Roads and Mobility Fee Decision Point

- Should the impact fee increase be adopted in the full recommended amount and then applied based on some percentage of the total due to increase amount and comparability?
- Should the impact fee and mobility fee increase be increased over a two-year period or a one-time increase?



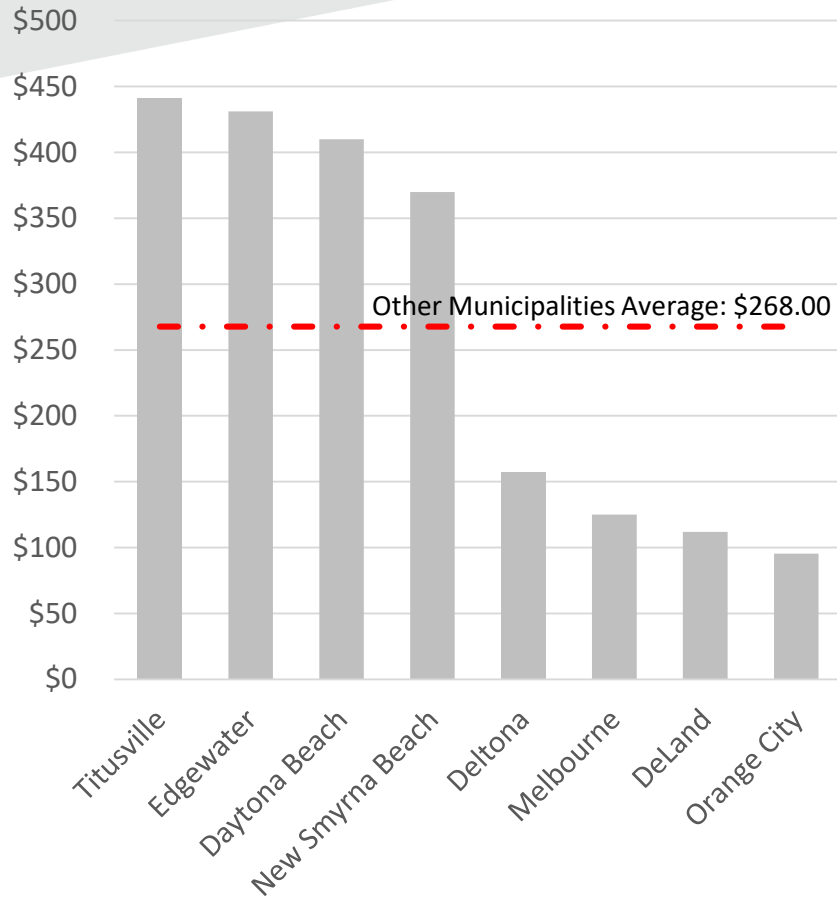
Police Impact Fee Feasibility Analysis



Feasibility Analysis Process

- Request and review the availability of necessary data required to calculate and support potential impact fees
- Review general configuration of the police department
 - › Current staffing and level of service (LOS) goals in officers per 1,000 population
 - Current LOS 1.42 / Funded LOS 1.75 / Target 1.95
 - › Existing & planned investments in department
 - Existing investment of \$6.8 million (before grants)
 - Planned investment of \$2.0 million
- Neighboring jurisdiction fee comparison and high-level estimated potential financial benefit analysis
- Develop Recommendation

Police Impact Fee Comparison & Estimated Financial Benefit Analysis



- Surveyed 11 neighboring communities
 - › 8 charge police impact fees
- Assuming a hypothetical fee of \$250 per residential unit applied to projected residential growth would provide an estimated \$0.8 Million in fees by 2040

Observations and Recommendations

- The City can provide the necessary data to develop and support police impact fees
- The police department is generally configured in a manner that would support the charging of a fee
- Using an assumed fee level based on a comparison of neighboring municipalities the implementation of a fee would likely benefit the City
- **Decision Point:** It is recommended that the City consider calculating and establishing police impact fees

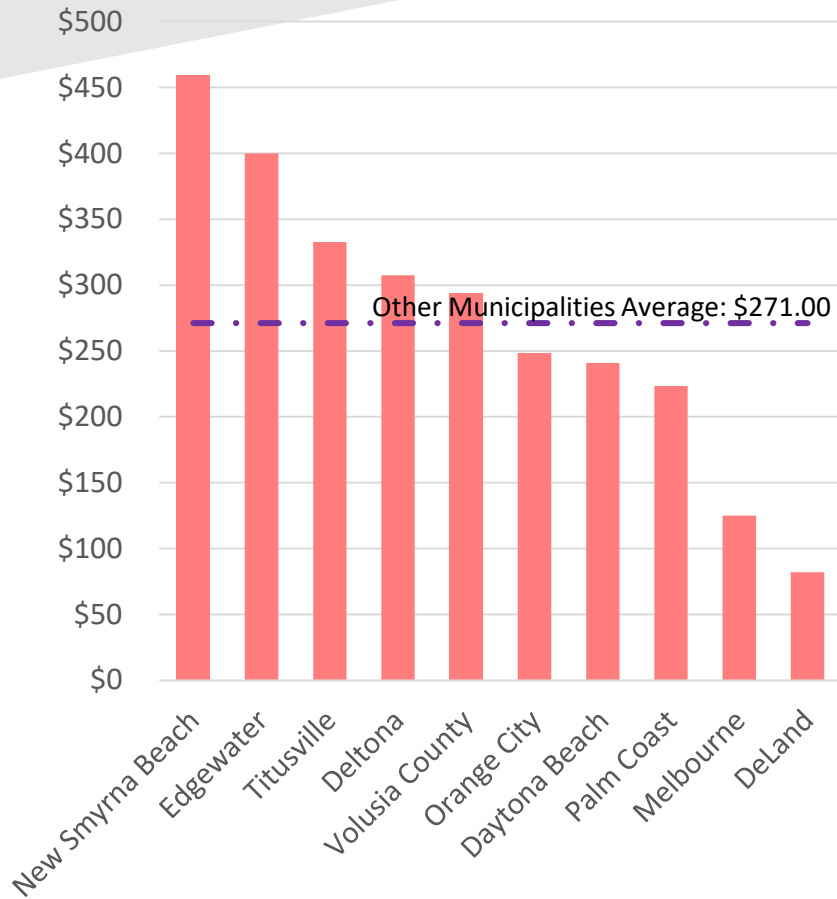
Fire Impact Fee Feasibility Analysis



Feasibility Analysis Process

- Request and review the availability of necessary data required to calculate and support potential impact fees
- Review general configuration of the fire department
 - › Current staffing and level of service (LOS) goals in firefighters per 1,000 population and ratings
 - Current LOS 1.07 / ISO Rating 3/3X
 - › Existing & planned investments in department
 - Existing investment of \$8.2 million (before grants)
 - No current planned investments aside from replacements
- Neighboring jurisdiction fee comparison and high-level estimated potential financial benefit analysis
- Develop Recommendation

Fire Impact Fee Comparison & Estimated Financial Benefit Analysis



- Surveyed 11 neighboring communities
 - › 10 charge fire impact fees
- Assuming a hypothetical fee of \$250 per residential unit applied to projected residential growth would provide an estimated \$0.8 Million in fees by 2040

Observations and Recommendations

- The City can provide the necessary data to develop and support fire impact fees
- The fire department is generally configured in a manner that would support the charging of a fee
- Using an assumed fee level based on a comparison of neighboring municipalities the implementation of a fee would likely benefit the City
- **Decision Point:** It is recommended that the City consider calculating and establishing fire impact fees



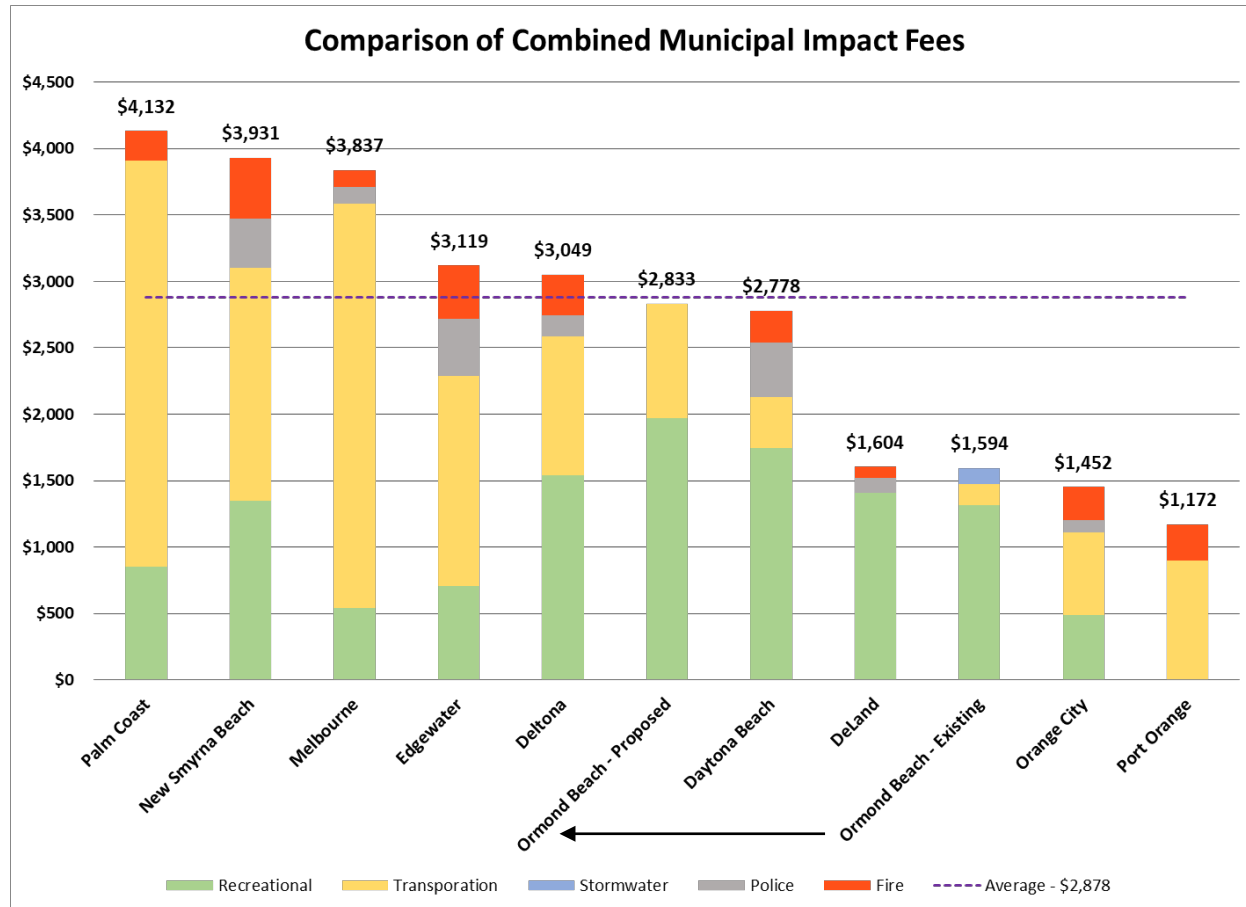
Summary Results and Recommendations



Existing and Proposed Development Impact Fees

Single Family Impact Fee Type	Existing Fees	Proposed Fees	\$ Amount of Change	Percent Change
Parks & Recreation	\$1,312.24	\$1,968.00	\$655.76	50.0%
Stormwater	\$119.39	\$0.00	(\$119.39)	(100.0%)
Local Roads	\$162.61	\$864.59	\$701.98	432.7%
Mobility Fees per P/T	\$85.67	\$16.00	\$69.67	335.4%

Existing and Proposed Combined Municipal Impact Fees Comparison



Recommendations

- Adopt proposed municipal impact fees
 - › Parks and recreation, local roads and mobility fees, and elimination of stormwater impact fee
- Consider establishment and development of police and fire impact fees
- Review fees periodically development trends
 - › Level of service requirements
 - › Capital needs
 - › Major changes in growth projections
- 90 Day grace period from City approval to effective date

Direction Requested

- **OVERALL:** Confirmation that impact fee credits should not have an expiration date
- **PARK & RECREATION:** Should maximum supportable fee for Parks & Recreation be assessed (\$2,500) or cap increase at 50% of maximum supportable fee (\$1,968) considering comparability with neighboring jurisdictions?
- **PARK & RECREATION:** Should the impact fee increase be increased over a two-year period or a one-time increase?
- **STORMWATER:** Eliminate the stormwater impact fee and the utilize of the existing stormwater fee

Direction Requested

- **LOCAL ROAD AND MOBILITY:** Should the impact fee increase be adopted in the full recommended amount and then applied based on some percentage of the total due to increase amount and comparability?
- **LOCAL ROAD AND MOBILITY:** Should the impact fee increase be increased over a two-year period or a one-time increase?
- **POLICE:** Should an additional work authorization be approved (separate Resolution presented to the City Commission) to create a police impact fee?
- **FIRE:** Should an additional work authorization be approved (separate Resolution presented to the City Commission) to create a fire impact fee?



Thank you!

Contact: Anthony Hairston / Shawn Ocasio

407 628 2600 / ahairston@raftelis.com / socasio@raftelis.com

Q&A

CITY OF **ORMOND BEACH**

Water and Wastewater Utility System Connection Fee Study

Report Draft 2 / August 3, 2022

*DRAFT 2*

August 3, 2022

Mr. Steven S. Spraker
Planning Director
City of Ormond Beach
22 South Beach Street, Room 104
Ormond Beach, FL 32175

Subject: **Water and Wastewater Utility System Connection Fee Study**

Dear Mr. Spraker:

We have completed our study of the water and wastewater utility connect fees (Connection Fees) for the City of Ormond Beach (City) and have summarized the results of our analysis, assumptions, and conclusions in this report, which is submitted for your consideration. This report summarizes the basis for the proposed water and wastewater utility connection fees, which provide funds to help meet the City's growth-related capital expenditure requirements.

During the course of the study, it was determined that the proposed Connection Fees should meet a number of goals and objectives. These goals and objectives dealt primarily with fee sufficiency and level. Specifically, the major objectives considered in this study included:

- The Connection Fees should be sufficient to fund the projected capital requirements associated with providing service to new growth and development;
- The Connection Fees should not be used to fund any capital deficiencies associated with providing services to existing customers; and
- The Connection Fees should be based upon reasonable level of service standards that meet the needs of the City, do not create an unfair burden relative to capital needs, and are similar to industry standards.

The proposed Connection Fees presented in this report are designed to meet the above objectives. As such, based on information provided by the City and the assumptions and considerations outlined in this report, Raftelis Financial Consultants, Inc. considers the proposed fees to be cost-based, reasonable, and representative of the capital funding requirements of the City.

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Mr. Steven S. Spraker
City of Ormond Beach
August 3, 2022
Page 2

We appreciate the cooperation and assistance given to us by the City and its staff in the completion of the study.

Very truly yours,

RAFTELIS FINANCIAL CONSULTANTS, INC.

Anthony Hairston
Vice President

Shawn Ocasio
Manager

AH/dc
Attachments

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6	Comparison of Connection Fees for Water and Wastewater Service

Appendix No.	Description
A	Fixed Asset Data and Asset Functionalization

EXECUTIVE SUMMARY AND RECOMMENDATIONS

Executive Summary

The purpose of an connection fee is to assign, to the extent practical, growth-related capital costs to those new customers responsible for such costs. Similar to most municipalities in Florida, the City of Ormond Beach (City) has recognized this capital funding strategy as being an appropriate method of funding growth-related capital requirements of the water and wastewater utility systems (hereafter referred to individually as the “Water System” and “Wastewater System” or, collectively, as the “System”).

This report addresses the connection fees associated with water and wastewater utility service (Connection Fees). The City retained Raftelis Financial Consultants, Inc. (Raftelis) to review its existing Connection Fees and recommend changes as necessary.

The following is a summary of the major assumptions, considerations and conclusions developed during the preparation of the study:

1. For purposes of this report the term “Fiscal Year” is defined as the 365-day period beginning October 1 of a specific year and ending September 30 of the subsequent calendar year (e.g., October 1, 2021 to September 30, 2022 is Fiscal Year 2022).
2. The City’s current method of connection fee application for water and wastewater utility connection fees is based on applying a fee per Equivalent Living Unit (ELU) times an assigned number of ELUs based on the type of construction and standard fee per ELU. Treating single-family residences as one ELU, multi-family units as 0.5 of an ELU, mobile / manufactured homes as 0.6 of an ELU, and non-residential units based on number of fixtures. For non-residential properties the total fixture value of a property (which is based on a count of the number of water fixtures in a property) is then compared to ELU ranges as set and adopted by the City to determine the number of applicable ELUs. The fee per ELU is then applied to the resulting number of applicable ELUs for the property. The utilization of these units for the application of such fees is common and is used by many public agencies across the state and it is recommended that the City continue to apply Connection Fees based on this method.
3. As of September 30, 2020, the City currently has approximately \$251.5 million invested in water and wastewater system-related infrastructure and supporting equipment. The City also has \$48.2 million in renewal and replacements, upgrades and other capital projects planned over the next 5 years.
4. The City owns and operates its own water treatment plant and transmission and distribution system. The water plant is designed to treat 12.0 million gallons per day on an average daily flow basis. Based on information provided by the City, the water treatment facilities are currently approximately 56% utilized leaving 44% available for new growth.
5. The City owns and operates its own wastewater treatment plant and transmission and collection system. The wastewater plant is designed to treat 8.0 million gallons per day of flow on an average daily flow basis. Based on information provided by the City, the wastewater treatment facilities are currently approximately 56% utilized leaving 44% available for new growth.

6. Based on the costs of the existing System infrastructure, the projected expansion-related capital costs anticipated by the City, and a review of the remaining water and wastewater capacity available in the System to serve new growth a fee per ELU was developed. The proposed connection fees are shown below:

Connection Fees (per ELU)			
	Existing	Proposed	Increase/(Decrease)
Water/Irrigation Services	\$2,902.00	\$2,333.00	(\$569.00)
Wastewater Service	2,829.00	3,577.00	748.00
Total	<u>\$5,731.00</u>	<u>\$5,910.00</u>	<u>\$179.00</u>

Conclusions and Recommendations

Based on our assumptions, considerations, and analyses as summarized herein Raftelis offers the following findings, conclusions and recommendations for consideration by the City Commission:

- The City should consider adopting the proposed water and wastewater utility connection fees as shown above and discussed later in this report.
- The City should consider the creation of two utility service area districts or zones with one being for the existing City service area and one being for the Western Service Area and apply the proposed fees to both districts until such time as a connection fee analysis for the Western Service Area can be completed.
- The City should review the water and wastewater utility connection fees periodically (every three to five years) to account for recent development trends, changes in capital needs, and cost allocations.
- The City should maintain separate accounting for the collection and usage of the Connection Fees by fee type.
- The City should collect connection fees only once the building permit is issued and not beforehand.
- The City should set an effective date for collection of the new Connection Fees 90 days from the date of adoption. This is to allow for a “grace period” for possible in-progress development.

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SECTION 1 – INTRODUCTION

General

The City of Ormond Beach (City) is located in the northeastern portion Volusia County along the Atlantic Coast. Based on information obtained from the United States Census Bureau, the permanent population of the City for 2021 is estimated to be 44,041 residents. and the City's population in 2040 is expected to be approximately 50,630 permanent residents. The City currently provides water services to approximately 24,300 accounts and wastewater service to approximately 17,800 accounts. In order to provide funding of anticipated capital needs, the City authorized Raftelis to review the water and wastewater utility connection fees in order to meet the funding goals and objectives of the City.

Authorization

Raftelis was authorized by the City to review and recommend revisions to the water and wastewater utility services connection fees pursuant to a letter of agreement between the City and Raftelis. The scope of work for this project, as defined in the letter of agreement, was to:

1. Analyze the capital requirements of the City, which are needed to meet the level of service (LOS) standards of the City. This analysis included a review of: i) the existing and future facility and equipment needs as defined by the multi-year capital improvement plan (CIP) for each utility function; and ii) the currently utilized and remaining capacities of the System facilities.
2. Develop and recommend appropriate fee levels to be charged to new development in order to recover the capital costs associated with providing utility service. This analysis includes the apportionment of costs and the development of the fee per equivalent billing unit.
3. Develop a comparison of the connection fees and associated billing attributes of similar charges imposed by other jurisdictions.
4. Prepare a report that documents our analyses, assumptions, and conclusions for consideration by the City.

Connection Fees Background

The purpose of water and wastewater connection fees are to assign, to the extent practical, growth-related capital costs to those new customers or development responsible for such additional costs. To the extent new population growth and associated development imposes identifiable capacity-related capital costs to water and wastewater utility services, modern capital funding practices include the assignment of such costs to those new residents and commercial entities responsible for those costs rather than the existing population base. Generally, this practice has been labeled as “growth paying its own way” to avoid overburdening existing users with the cost of expansion.

Connection Fee Methodology

There are several different methods generally recognized for the calculation of connection fees. The calculation is dependent on multiple variables such as cost and engineering data available, and the availability of other local data such as household and population projections, current levels of service, and other related items. The proposed connection fees reflected in this report generally considered the blending of two methods. These two methods are:

i) the improvements-driven method; and ii) and the “buy-in” method. These two methods have been utilized in the development of connection fees for local governments in Florida.

The improvements-driven method is an approach that utilizes a specific list of planned capital improvements over a period of time. For example, the fee may correspond to the level of capital improvements that have been identified in the capital improvements element of the Comprehensive Land Use Plan or capital improvement budget of the local government. The buy-in approach recognizes the existing historical investment in the currently-in-service capital facilities that have capacity available to serve new customers. The primary difference between the three methodologies is how the capital costs, which must be recovered from the application of the fee, are calculated.

The development of the Connection Fees in this report was primarily based on a hybrid or blending of these improvements-driven and System buy-in methods. This hybrid methodology recognizes the cost of existing available and unused capacity available from existing facilities, which are currently in service and available to meet near-term growth requirements, along with incremental costs for new facilities to derive a blended cost allocable to new growth over the next several years.

The following section of this report, Section 2, will address the development and design of the water and wastewater utility service connection fees. It will include a discussion on level of service requirements, capital costs, and the design of the fees themselves.

Acknowledgments

This report was prepared with the valuable cooperation and assistance of the staff of the City of Ormond Beach.

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SECTION 2 – WATER AND WASTEWATER UTILITY CONNECTION FEES

General

This section provides a discussion of the development and design of the connection fee for water and wastewater services (Connection Fees). Included in this section is a discussion of the level of service requirements, capital costs, included as the basis for the determination of the fee, and the design of the fee to be applied to new growth within the City.

Water System Overview

The City's water system (Water System) includes water treatment, supply and storage, transmission mains and finished water distribution facilities. These water treatment facilities are capable of treating 12.0 million gallons per day (MGD) average daily flow (ADF). The City's water conveyance system is comprised of approximately 395 miles of transmission and distribution lines that provide service throughout the City.

Wastewater System Overview

The City's wastewater system (Wastewater System) includes wastewater treatment, transmission, and collection facilities. These wastewater treatment facilities are capable of treating 8.0 MGD ADF. The City's wastewater transmission and collection system is comprised of approximately 282 miles of gravity and force mains along with lift stations and other supporting infrastructure. Additionally, as a means of wastewater effluent disposal the City also provides reclaimed water service. The reclaimed water system is comprised of certain additional treatment processes at the wastewater plant and a reclaimed water conveyance system, which includes approximately 85 miles of transmission and distribution lines.

Level of Service Requirements

In the evaluation of the capital facility needs for providing water and wastewater utility services, level of service (LOS) standards must be established. Pursuant to Section 163.3164 of the Florida Statutes, the level of service means an indicator of the extent or degree of service provided by, or proposed to be provided by, a facility based on and related to the operational characteristics of the facility. Level of service shall indicate the capacity demand per unit for each public facility. The level of service standards are established in order to ensure that adequate facility capacity will be provided for future development and for purposes of issuing development orders or permits, pursuant to F.S. Section 163.3202(2)(g). As further stated in the statutes, each local government shall establish a LOS standard for each public facility located within the boundary for which such local government has authority to issue development orders or permits.

For water and wastewater service, the level of service that is commonly used in the industry is the amount of capacity (service) allocable to an equivalent residential connection (ERC) or Equivalent Living Unit (ELU) expressed as the amount of capacity (gallons) allocated on an average daily basis. The level of service generally represents the amount of capacity allocable to an ELU, whether or not such capacity is actually used (commonly referred to as the "readiness-to-serve"). As previously discussed, an ELU is representative of the average capacity required to service a typical individually-metered single-family residential connection. This class of users represents the largest number

of customers served by the System and generally the lowest level of usage requirements for a specifically metered account. The City's current method of connection fee application for water and wastewater utility connection fees is based on applying a fee per ELU times an assigned number of ELUs based on the type of construction and a standard fee per ELU. Treating single-family residences as one ELU, multi-family units as 0.5 of an ELU, mobile / manufactured homes as 0.6 of an ELU, and non-residential units based on number of fixtures. For non-residential properties the total fixture value of a property (which is based on a count of the number of water fixtures in a property) is then compared to ELU ranges as set and adopted by the City to determine the number of applicable ELUs. The fee per ELU is then applied to the resulting number of applicable ELUs for the property. The following table summarizes the System's LOS levels:

Existing Levels of Service for Residential Customers	
Existing Service Levels:	
1 Water ELU = 300 gpd (ADF)	
1 Wastewater ELU = 280 gpd (ADF)	
gpd = gallons per day ADF = Average Daily Flow	

These LOS standards are consistent with the capacity planning and Florida Department of Environmental Protection (FDEP) permitting requirements for the City and are also generally comparable with those utilized by other utilities throughout the state of Florida.

As mentioned previously, the City currently uses a reduced ELU factor for Multi-family and Mobile / Manufactured Homes of 0.5 and 0.6, respectively. Based on a review of the City's existing factors and historical data /class usage relationships data we would recommend an adjustment to these factors as shown below.

Existing and Proposed Residential Equivalent Living Unit Factors		
Residential Customer Class	Existing Factor	Proposed Factor
Single-family	1.0 ELU	1.0 ELU
Multi-family	0.5 ELU	0.8 ELU
Mobile/Manufactured Home	0.6 ELU	0.9 ELU

Existing Plant-in-Service

In the determination of the Connection Fees associated with the servicing of future customers, any excess capacity of the existing utility system available to serve such growth was considered. Since this capacity is available to serve the near-term customer growth of the System, it is appropriate to evaluate the cost and capacity availability of such facilities. In order to evaluate the availability of the existing utility plant-in-service to meet future capacity needs, it was necessary to functionalize the plant by specific plant requirement. The functionalization of the existing plant is necessary to: i) identify those assets that should be included in the determination of the connection fees; and ii) match existing plant type to the capital improvements to meet future service needs.

The functional cost categories are based on the purpose of the assets and the utility function that such assets serve. The following is a general summary of the functional cost categories for the utility plant-in-service identified in this report.

Functional Plant Categories		
Water Service [*]	Wastewater [*]	Other Plant
Supply/Treatment/Transmission	Treatment/Disposal/Reclaimed Treatment	General Plant
Storage/Local Distribution	Transmission/Master & Local Lift Stations	Indirect
Hydrants/Meters	Collection/Reclaimed Conveyance	Other

[*] Amounts shown would not include any assets that were contributed by a developer (primarily water distribution and wastewater collection lines) or grant funded.

It is necessary to categorize the utility plant assets into functional cost categories so that a proper fee can be developed. Generally, the costs of on-site facilities that serve a specific development or customer such as water distribution and wastewater collection lines, meters and services, and fire hydrants are usually: i) donated by a developer (a contribution of the plant); ii) recovered from the individual properties through an assessment program based on those properties that receive special benefit from such facilities or from the application of a main line extension fee to recover the specific cost of such facilities; or iii) funded from the customer directly (e.g., by a “front-foot” charge where the on-site lines were initially financed by the utility and then paid by the customer or an installation charge to recover the cost of a new service line and/or the meter) and the cost of such on-site facilities are not included in Connection Fees. Water and wastewater Connection Fees are typically based on the cost of facilities that serve the entire utility system such as bulk transmission lines and treatment plants.

The City provided Raftelis with a fixed asset register report identifying the fixed assets in service by function as of September 30, 2020 for the System. The summary of the functionalization of the existing utility plant is included in Table 1 at the end of this section. This functionalization of the existing utility plant-in-service represents the original cost of such assets (gross book value) and was based on the reported in-service values as of September 30, 2020 (the most recent Fixed Asset records available at the time of the study). The following is a summary of the functionalization of the System’s existing utility plant-in-service as shown in Table 1:

System Fixed Assets				
Function	Water System [1]		Wastewater System [1]	
	Amount	Percent	Amount	Percent
Supply	\$5,270,426	4.6%	\$0	0.0%
Treatment Plant	66,204,344	57.7%	76,896,737	56.2%
Transmission Lines	8,606,122	7.5%	19,308,495	14.1%
Distribution/Collection Lines	19,778,945	17.3%	31,690,524	23.2%
Hydrants/Meter Services	7,347,008	6.4%	0	0.0%
Miscellaneous Departmental Capital	7,491,064	6.5%	8,936,699	6.5%
Totals	<u>\$114,697,909</u>	<u>100.00%</u>	<u>\$136,832,456</u>	<u>100.00%</u>

[1] Amounts as provided by City staff and found on Table 1.

Additional Capital Investment

The City’s System CIP for the Fiscal Years 2021 through 2025, as prepared and estimated by the utility staff outlines the best estimate of future capital improvements for the System. These capital projects include: i) upgrades and expansion of existing assets to accommodate both new and existing customers; and ii) replacements of existing assets

or projects that generally are deemed to benefit current users of the System (e.g., existing plant renewal and replacement, reliability projects).

As shown on Tables 2 and 3 at the end of this section, The CIP totals approximately \$21.6 million in capital projects to be completed over the five-year period for the Water System and \$26.6 million in capital projects for the Wastewater System, totaling \$48.2 million for the combined System.

In our analysis only production / treatment and major backbone transmission costs were recognized in the water and wastewater connection fee calculations. General transmission and distribution / collection project costs were not recognized because they: i) generally are not System-wide costs (i.e., distribution / collection project costs tend to benefit specific customer locale); ii) in many instances, are funded by a specific charge applied to a customer (e.g., water meter installation fee); and iii) are often contributed as part of the development process (e.g., it would not be fair for a developer who has contributed the distribution / collection assets to pay an connection fee which includes recovery of distribution / collection projects).

A summary of all the adjustments that were made in order to arrive at the treatment and major transmission costs recognized for the calculation of connection fees are shown as follows:

Derivation of Treatment and Major Transmission Capital Costs Recognized in Connection Fee Study [1]		
	Water System	Wastewater System
Projects in Utility's Five-year CIP	\$21,627,758	\$26,617,767
Adj. to Remove Distribution/Collection and R&R Related Projects	(8,359,690)	(20,612,194)
Total Treatment and Major Transmission Capital Costs Recognized in Connection Fees	<u>\$13,268,068</u>	<u>\$6,005,573</u>

[1] Amounts shown derived from Tables 2 and 3.

Western Service Area

It should be noted that the City anticipates the need for major capital projects to develop water and wastewater treatment and transmission related facilities to provide wholesale utility service to developments in the Western Service Area (which is comprised of Avalon Park) on behalf of the City of Daytona Beach, Florida (Daytona Beach) per a 2006 settlement agreement between the two cities. These projects have not been included in our connection fee analysis at this time as additional information is needed to define the entitlements and utility projects to serve these entitlements. It is our initial recommendation that the City consider creating two distinct utility system connection fee zones or districts with one being for the current City service area and one for the Western Service Area. The fees that are currently being proposed as a part of our analysis would be applied to growth in both zones. Subsequently, once the Avalon Park entitlements are clarified and the capital projects needed to serve the developments are identified, then a connection fee analysis for the Western Service Area could be completed, which would include those costs and related capacity and the fees for that zone to be updated accordingly.

Design of Water System Connection Fee

As shown on Table 4 at the end of this report, the calculated connection fee for the treatment and transmission component of the Water System is \$2,333.00 per ELU. This represents a decrease in the fee of \$569 or 19.6% below the current fee of \$2,902.00 per ELU.

In the development of the proposed Water System Connection Fee, several assumptions were utilized or incorporated. The major assumptions utilized in the design of the calculated Water System Connection Fee are:

1. The existing assets of the Water System as provided by the City were reviewed and categorized by function in order to identify those assets that should be included in the determination of the connection fee. The major categories were: i) Supply; ii) Treatment Plant; iii) Transmission System; iv) Distribution Lines; v) Hydrants / Meter Services; and vi) Equipment. For the assets identified as Supply, Treatment Plant, and Transmission System, which benefit both existing and future users, the total cost of such assets have been recognized in the analysis.
2. The Water System capital improvement program as prepared by staff for the Fiscal Years 2021 through 2025 was reviewed and the capital costs were apportioned: i) by functional category; and ii) to existing and future users in the determination of the Water System Connection Fee. Those facilities that were considered to be allocable to growth were included in the fee determination at full cost (i.e., 100% of the total cost). For capital expenditures that were solely for the replacement of existing assets such amounts were only partially reflected (i.e., the incremental change in asset basis associated with the replacement of an old asset with a new one) as an appropriate cost to be recovered from the application of the Water System Connection Fee. The CIP capital costs recognized in the Water System connection fee analysis are shown on Table 2 and Table 4 at the end of this report.
3. For the capital improvements identified as major treatment or transmission system upgrades, which would benefit both existing and future users, the total cost of such improvements has been recognized in the analysis. These costs were allocated to existing and future customers based on the nature and purpose of the project as described to us by the City.
4. No capital facility expansion costs associated with existing distribution facilities, including meters, hydrants, on-site distribution facilities, and services, have been included in the calculation of the Water System Connection Fee since developers typically contribute such facilities or the City has adopted a separate fee (e.g., water meter installation fee) to recover the cost of such capital additions.
5. Because: i) the Water System is operated as an enterprise fund; ii) all financial resources received by the utility stay within the fund for the benefit of such system; iii) the costs reflected in the fee are at original cost and not adjusted for any fair market value to reflect current cost conditions; iv) there is no interest-expense carry in the connection fee associated with the financing of the capital investment to serve new development; and v) there are no other revenues received by the Water System from new development for the capital costs / utility plant reflected in the connection fee (e.g., ad valorem taxes on the property), no credit for the future payment of debt service allocable to the properties has been recognized. All Connection Fee funds remain in the System and the long-term capital financing costs for infrastructure construed and available to serve new growth are mitigated by using the connection fees for ongoing expansion-related capital project financing or for the direct payment of the annual expansion-related debt service payments.

As shown on Table 4 at the end of this section, the Water System Connection Fee was calculated utilizing: i) estimated capital costs for the supply, treatment and transmission system; and ii) current fixed asset and capacity data available to Raftelis regarding the Water System. By designing the Water System Connection Fee to recover costs on a prospective basis, an attempt is made to design a charge that will provide funds on a reasonable basis in order to meet the future needs of the Water System. It should be noted that in the event the construction costs,

capacity requirements, or utility service area materially change from what is reflected on Table 4, the Water System Connection Fee might need to be adjusted accordingly.

The proposed connection fee for the Water System is \$2,333 per ELU. This represents a decrease in the fee of \$569 or 19.6% below the current fee of \$2,902 per ELU. This fee would be the per ELU amount that a new account would be charged in accordance with the City's connection fee methodology and revised ELU factors. Based on the capital facilities associated with the determination of the charge, the functional breakdown of the components of the rate is as follows:

Calculation of Water System Connection Fee	
Fee Component	Cost
Water Treatment Component	\$2,085.44
Water Major Transmission Component	248.28
Total	\$2,333.78
Total Proposed Water System Connection Fee (Rounded)	
	<u>\$2,333.00</u>

Design of Wastewater System Connection Fee

As shown on Table 5 at the end of this section, the total calculated connection fee for the Wastewater System is \$3,577 per ELU. This represents an increase in the fee of \$748 or 26.4% when compared with the current fee of \$2,829 per ELU. The reason for this increase is that the System has a higher cost per unit of capacity than what was calculated previously due to the increased costs associated with Wastewater System capacity.

In the development of the proposed Wastewater System Connection Fee, several assumptions were utilized or incorporated in the analysis. The major assumptions utilized in the design of the proposed Wastewater System Connection Fee are:

1. The existing assets of the Wastewater System as provided by the City were reviewed and categorized by function in order to identify those assets that should be included in the determination of the connection fee. The major categories were: i) Treatment Plant; ii) Transmission Lines; iii) Collection Lines; and iv) Equipment. For the assets identified as treatment plant and transmission system, which benefit both existing and future users, the total cost of such assets have been recognized in the analysis.
2. The Wastewater System capital improvement program (CIP) as prepared by staff for the Fiscal Years 2021 through 2025 was reviewed and the capital costs were apportioned: i) by functional category; and ii) to existing and future users in the determination of the Wastewater System Connection Fee. Those facilities that were considered to be allocable to growth were included in the fee determination at full cost (i.e., 100% of the total cost). For capital expenditures that were solely for the replacement of existing assets such amounts were only partially reflected (i.e., the incremental change in asset basis associated with the replacement of an old asset with a new one) as an appropriate cost to be recovered from the application of the Wastewater System Connection Fee. The CIP capital costs recognized in the Wastewater System Connection Fee analysis are shown on Table 3 and Table 5 at the end of this report.
3. For the capital improvements identified as major treatment or transmission system upgrades, which would benefit both existing and future users, the total cost of such improvements has been recognized in the

analysis. These costs were allocated to existing and future customers based on the nature and purpose of the project as described to us by the City.

4. No capital facility costs associated with the existing collection facilities, including local lift stations, manholes, laterals, and on-site collection facilities have been included in the calculation of the Wastewater System Connection Fee since the developer generally contributes such facilities, or City has adopted a separate fee (e.g., wastewater tap-on fee) to recover such capital additions. All capital improvements to such respective facilities in the CIP were also not recognized in the Wastewater System Connection Fee analysis.
5. Because: i) the System is operated as an enterprise fund; ii) all financial resources received by the System stay within the fund for the benefit of such System; iii) the costs reflected in the fee are at original cost and not adjusted for any fair market value to reflect current cost conditions; iv) there is no interest-expense carry in the impact associated with the financing of the capital investment to serve new development; and v) there are no other revenues received by the City from new development for the capital costs / utility plant reflected in the tap-on (e.g., ad valorem taxes on the property), no credit for the future payment of debt service allocable to the properties has been recognized. All connection fee funds remain in the System and the long-term capital financing costs for infrastructure construed and available to serve new growth are mitigated by using the connection fees for ongoing expansion-related capital project financing or for the direct payment of the annual expansion-related debt service payments.

As shown on Table 5 at the end of this section, the Wastewater System Connection Fee was calculated utilizing: i) the estimated transmission-related capital costs of the Wastewater System; ii) the treatment / disposal-related capital costs for the Wastewater System; and iii) current fixed asset and plant capacity data available to Raftelis regarding the City's Wastewater System. By designing the Wastewater System Connection Fees to recover costs on a prospective basis, an attempt is made to design a charge that will provide funds on a reasonable basis in order to meet the future needs of the Wastewater System. It should be noted that in the event the construction costs, capacity requirements, or utility service area materially change from what is reflected on Tables 2, the Wastewater System Connection Fees may need to be adjusted accordingly.

As shown on Table 5 at the end of this section, the calculated Wastewater System Connection fee \$3,577 per ELU, which is \$748 or 26.4% higher than the existing Wastewater System Connection Fee of \$2,829 per ELU. This fee would be the per ELU amount that an account would be charged in accordance with the City's connection fee application methodology and revised ELU factors. Based on the capital facilities associated with the determination of the charge, the functional breakdown of the components of the rate is as follows:

Calculation of Wastewater System Connection Fee	
Fee Component	Cost
Wastewater Treatment Component	\$2,785.16
Wastewater Major Transmission Component	792.23
Total	\$3,577.39
Total Proposed Wastewater System Connection Fee (Rounded)	<u>\$3,577.00</u>

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Connection Fee Comparisons

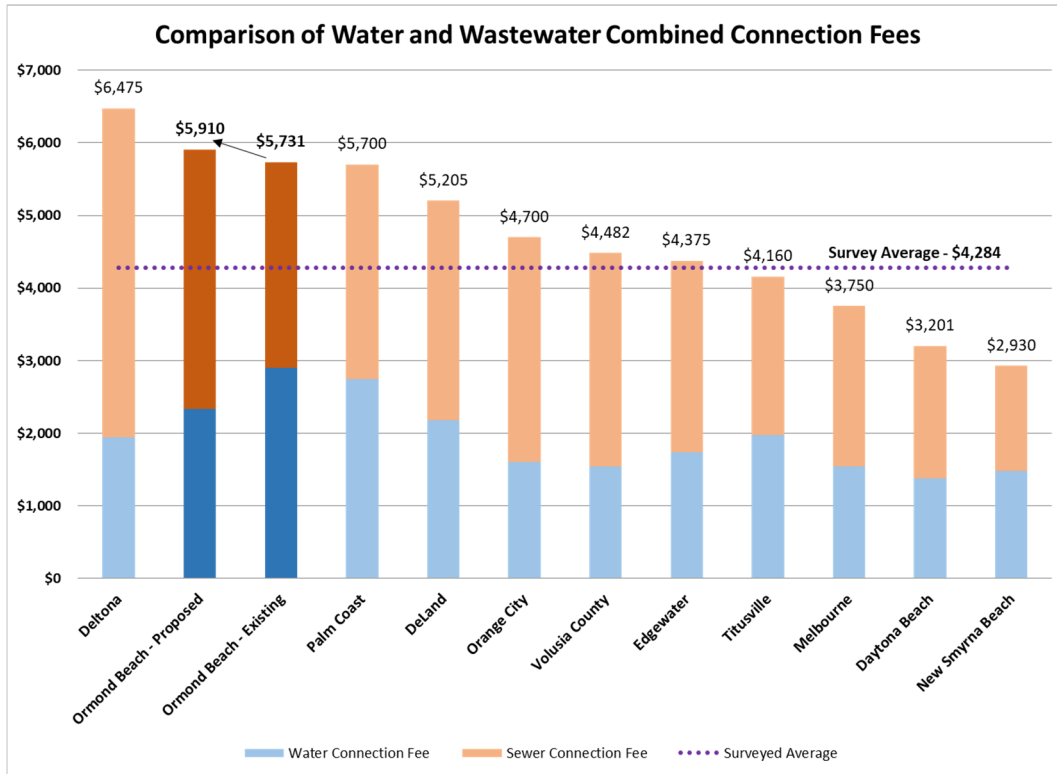
In order to provide additional information to City regarding the existing and proposed Connection Fees, a comparison of the existing and calculated fees for the City with similar related capital charges imposed by of other Florida jurisdictions was prepared. Table 6 at the end of this section, provides a comparison of the City's existing and proposed Connection Fees for single-family residential connections (i.e., one ELU of 300 gpd for the Water System and 280 gpd for the Wastewater System) with the fees or comparable charges currently imposed by other municipal / governmental water and wastewater systems located across Florida. It is important to note that utilities may be different from a facility standpoint, and the methods used in the development of the water and wastewater connection fees imposed may vary. Moreover, no analysis has been performed to determine whether 100% of the cost of new facilities is recovered from connection fees or some percentage less than 100% with the balance recovered through the user charges. Additionally, the types of capital facilities currently in service or planned for the utility may have a material impact on the fee charged by a local government. For example, the costs of wastewater effluent disposal utilizing a deep injection well system generally has a higher capital cost per unit of capacity than use of a surface water discharge such as an outfall to a bay or river. The capital costs associated with constructing reverse osmosis water treatment facilities, which treat brackish water, are higher than those of lime softening facilities, which treat freshwater.

Some reasons why connection fees differ among utilities:

- Source of Supply
- Proximity to source of supply
- Type of treatment
- Effluent disposal method
- Density of service area
- Availability of grant funding to finance CIP
- Age of system
- Utility life cycle (e.g., growth-oriented vs. mature)
- Level of service standards
- Administrative policies

As shown on Table 6, the average System Connection Fee per ELU for the 11 governmental entities selected for this comparison are \$4,284 per ELU. Of the surveyed utilities, the City of Deltona has the highest combined water and wastewater fees at \$6,475 per ELU. City of New Smyrna Beach with a combined fee of \$2,930 had the lowest of the surveyed utilities. The proposed water and wastewater connection fees are higher than the average of similar fees charged by the surveyed utilities. Below is a comparison of the existing and proposed fees to the surveyed entities for reference.

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LIST OF TABLES AND APPENDICES

Table No.	Description
1	Summary of Fixed Asset Allocation
2	Summary of Water Capital Improvement Program by Plant Function Through Fiscal Year 2025
3	Summary of Wastewater Capital Improvement Program by Plant Function Through Fiscal Year 2026
4	Development of Water System Connection Fees
5	Development of Wastewater System Connection Fees
6	Comparison of Connection Fees per ELU for Water and Wastewater Service

Appendix No.	Description
A	Fixed Asset Data and Asset Functionalization

Table 1
City of Ormond Beach
Water and Wastewater System Connection Fee Study

Summary of Existing Water and Wastewater Fixed Assets

Line No.	Function	Fixed Assets at Current Cost [1]			Percentage of Total	
		Water	Wastewater	Total	Water	Wastewater
	<u>Existing Assets Included in Connection Fees</u>					
1	Supply	\$5,270,426	\$0	\$5,270,426	4.6%	0.0%
2	Treatment Plant	66,204,344	76,896,737	143,101,082	57.7%	56.2%
3	Transmission System	8,606,122	19,308,495	27,914,618	7.5%	14.1%
4	Total Assets Included in Connection Fees	\$80,080,893	\$96,205,233	\$176,286,125	69.8%	70.3%
	<u>Existing Assets Excluded from Connection Fees</u>					
5	Hydrants/Meter Services	\$7,347,008	\$0	\$7,347,008	6.4%	0.0%
6	Equipment	7,491,064	8,936,699	16,427,763	6.5%	6.5%
7	Distribution / Collection Lines	19,778,945	31,690,524	51,469,469	17.2%	23.2%
8	Total Assets Excluded from Connection Fees	\$34,617,017	\$40,627,223	\$75,244,240	30.2%	29.7%
9	Total Existing Fixed Assets	\$114,697,909	\$136,832,456	\$251,530,365	100.0%	100.0%

Footnotes:

[1] Reported by the City as of September 30, 2020.

Table 2
City of Ormond Beach
Water and Wastewater System Connection Fee Study

Summary of Water Capital Improvement Program By Plant Function Through Fiscal Year 2025

Line No.	Project Description	Type	Purpose			2021 - 2025		Net Amount For Future Expenditures	Functional Category [3]				Distribution/ Other	Retirement Adjustment			
			Expansion	Existing		Capital Cost [1]	Adjustments [2]		Supply and Treatment		Storage, Pumping & Transmission			Total	Supply and Treatment	Storage, Pumping & Transmission	
				New	Replace				Existing	Expansion	Existing	Expansion					
Water System																	
1	Vehicle Replacement	Other	0.00%	0.00%	100.00%	\$165,000	(\$165,000)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
2	Consumptive Use Permit Renewal	Other	0.00%	100.00%	0.00%	350,000	(350,000)	0	0	0	0	0	0	0	0	0	
3	Water Reclamation Facility	Treatment	0.00%	0.00%	100.00%	0	0	0	0	0	0	0	0	0	0	0	
4	City-Wide Meter Replacement	Distribution	0.00%	0.00%	100.00%	458,500	(458,500)	0	0	0	0	0	0	0	0	0	
5	General Facility and System Upgrades	Treatment	0.00%	0.00%	100.00%	875,000	0	875,000	875,000	0	0	0	0	875,000	443,355	0	
6	Lift Station Rehabilitation	Trans	0.00%	0.00%	100.00%	0	0	0	0	0	0	0	0	0	0	0	
7	Meter Installation	Distribution	0.00%	0.00%	100.00%	180,000	(180,000)	0	0	0	0	0	0	0	0	0	
8	Pretreatment Effluent Pump Replacement	Treatment	0.00%	0.00%	100.00%	0	0	0	0	0	0	0	0	0	0	0	
9	Sanitary Sewer Inflow Infiltration	WW T&C	0.00%	0.00%	100.00%	0	0	0	0	0	0	0	0	0	0	0	
10	Water Main Replacement	Trans	0.00%	0.00%	100.00%	3,700,000	0	3,700,000	0	0	3,700,000	0	0	3,700,000	0	2,374,889	
11	Reclaimed Water System Improvement	Supply	0.00%	0.00%	100.00%	0	0	0	0	0	0	0	0	0	0	0	
12	Water Treatment Plant Splitter Box Rehab	Treatment	0.00%	0.00%	100.00%	213,500	0	213,500	213,500	0	0	0	0	213,500	108,179	0	
13	WTP Aeration Repl. & Clearwell Rehab	Treatment	0.00%	0.00%	100.00%	1,707,000	0	1,707,000	1,707,000	0	0	0	0	1,707,000	864,923	0	
14	Hudson Wellfield Expansion	Supply	0.00%	100.00%	0.00%	4,955,000	0	4,955,000	4,955,000	0	0	0	0	4,955,000	0	0	
15	WRF Clarifier Rehab and Weir Covers	Treatment	0.00%	0.00%	100.00%	0	0	0	0	0	0	0	0	0	0	0	
16	Relocation of SCADA Radios	Treatment	0.00%	0.00%	100.00%	30,000	(30,000)	0	0	0	0	0	0	0	0	0	
17	Water Reclamation Facility Chlorine Contact	Treatment	0.00%	100.00%	0.00%	395,000	0	395,000	395,000	0	0	0	0	395,000	0	0	
18	Reuse Master Metering	Trans	0.00%	100.00%	0.00%	0	0	0	0	0	0	0	0	0	0	0	
19	WTP Chemical Feed System Upgrades	Treatment	0.00%	0.00%	100.00%	634,500	0	634,500	634,500	0	0	0	0	634,500	321,496	0	
20	WTP Filter Media Replacement	Treatment	0.00%	0.00%	100.00%	141,750	0	141,750	141,750	0	0	0	0	141,750	71,824	0	
21	WTP Thickener Wetwell Discharge Relocation	Treatment	0.00%	0.00%	100.00%	34,500	0	34,500	34,500	0	0	0	0	34,500	17,481	0	
22	Shadow Crossing Reuse Pump Facility	Trans	0.00%	0.00%	100.00%	0	0	0	0	0	0	0	0	0	0	0	
23	Utility Master Plan Update	Other	0.00%	0.00%	100.00%	73,333	(73,333)	0	0	0	0	0	0	0	0	0	
24	Water Storage Tank Repairs	Supply	0.00%	0.00%	100.00%	300,000	0	300,000	300,000	0	0	0	0	300,000	152,008	0	
25	WWTP Laboratory Upgrades	Treatment	0.00%	100.00%	0.00%	0	0	0	0	0	0	0	0	0	0	0	
26	New Reuse Ground Storage Tank	Supply	0.00%	100.00%	0.00%	0	0	0	0	0	0	0	0	0	0	0	
27	WTP Replace Lime Softening Filters 5 & 6	Treatment	0.00%	0.00%	100.00%	3,000,000	0	3,000,000	3,000,000	0	0	0	0	3,000,000	1,520,075	0	
28	WTP Scrubbers and De-gasifiers Rehab	Treatment	0.00%	0.00%	100.00%	1,625,500	0	1,625,500	1,625,500	0	0	0	0	1,625,500	823,627	0	
29	WWTP Generator Room Roof Replacement	Treatment	0.00%	0.00%	100.00%	0	0	0	0	0	0	0	0	0	0	0	
30	WWTP Odor Control	Treatment	0.00%	0.00%	100.00%	0	0	0	0	0	0	0	0	0	0	0	
31	WWTP Screw Pump Roof Modification	Treatment	0.00%	0.00%	100.00%	0	0	0	0	0	0	0	0	0	0	0	
32	Airport Road Reclaim Water Main PH 2	Trans	0.00%	37.50%	62.50%	0	0	0	0	0	0	0	0	0	0	0	
33	Filter Demolition and New Storage Bldg	Other	0.00%	0.00%	100.00%	405,000	(405,000)	0	0	0	0	0	0	0	0	0	
34	Halifax River Force Main Crossing	Trans	0.00%	100.00%	0.00%	0	0	0	0	0	0	0	0	0	0	0	
35	Septic to Sewer Conversion	Other	0.00%	100.00%	0.00%	0	0	0	0	0	0	0	0	0	0	0	
36	Secondary Raw Water Main	Supply	0.00%	100.00%	0.00%	2,384,175	0	2,384,175	2,384,175	0	0	0	0	2,384,175	0	0	
37	TOTAL WATER CIP PROJECTS						\$21,627,758	(\$1,661,833)	\$19,965,925	\$16,265,925	\$0	\$3,700,000	\$0	\$0	\$19,965,925	\$4,322,967	\$2,374,889
38	PERCENT OF TOTAL								100.00%	81.47%	0.00%	18.53%	0.00%	0.00%	100.00%	21.65%	11.89%

Footnotes:

- [1] Amounts shown reflect the Five-Year Capital Program as provided by the City.
- [2] Downward adjustments reflect projects: i) anticipated to be funded by grants as identified by the City; ii) recognized in the existing assets summary (Fixed Asset Data and Asset Functionalization) to be consistent with existing capacity assumptions; or iii) not considered applicable to the fee determination process.
- [3] Assets are categorized based on information provided by the City.

Table 3
City of Ormond Beach
Water and Wastewater System Connection Fee Study

Summary of Wastewater Capital Improvement Program By Plant Function Through Fiscal Year 2025

Line No.	Project Description	Type	Purpose			2021 - 2025		Net Amount For Future Expenditures	Functional Category [3]				Retirement Adjustment				
			Expansion	Existing		Estimated Capital Cost [1]	Adjustments [2]		Wastewater Treatment		Transmission		Collection/ Other	Total	Treatment	Transmission	
				New	Replace				Existing	Expansion	Existing	Expansion					
Wastewater System																	
1	Vehicle Replacement	Other	0.00%	0.00%	100.00%	\$732,000	(\$732,000)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
2	Consumptive Use Permit Renewal	Other	0.00%	100.00%	0.00%	0	0	0	0	0	0	0	0	0	0	0	
3	Water Reclamation Facility	Treatment	0.00%	0.00%	100.00%	1,470,000	0	1,470,000	1,470,000	0	0	0	0	1,470,000	767,182	0	
4	City-Wide Meter Replacement	Distribution	0.00%	0.00%	100.00%	458,500	(458,500)	0	0	0	0	0	0	0	0	0	
5	General Facility and System Upgrades	Treatment	0.00%	0.00%	100.00%	875,000	0	875,000	875,000	0	0	0	0	875,000	456,656	0	
6	Lift Station Rehabilitation	Trans	0.00%	0.00%	100.00%	880,000	0	880,000	0	0	880,000	0	0	880,000	0	532,414	
7	Meter Installation	Distribution	0.00%	0.00%	100.00%	180,000	(180,000)	0	0	0	0	0	0	0	0	0	
8	Pretreatment Effluent Pump Replacement	Treatment	0.00%	0.00%	100.00%	450,000	0	450,000	450,000	0	0	0	0	450,000	234,852	0	
9	Sanitary Sewer Inflow Infiltration	WW T&C	0.00%	0.00%	100.00%	1,500,000	0	1,500,000	0	0	598,627	0	901,373	1,500,000	0	362,179	
10	Water Main Replacement	Trans	0.00%	0.00%	100.00%	0	0	0	0	0	0	0	0	0	0	0	
11	Reclaimed Water System Improvement	Supply	0.00%	0.00%	100.00%	130,000	0	130,000	0	0	0	0	130,000	130,000	0	0	
12	Water Treatment Plant Splitter Box Rehab	Treatment	0.00%	0.00%	100.00%	0	0	0	0	0	0	0	0	0	0	0	
13	WTP Aeration Repl. & Clearwell Rehab	Treatment	0.00%	0.00%	100.00%	0	0	0	0	0	0	0	0	0	0	0	
14	Hudson Wellfield Expansion	Supply	0.00%	100.00%	0.00%	0	0	0	0	0	0	0	0	0	0	0	
15	WRF Clarifier Rehab and Weir Covers	Treatment	0.00%	0.00%	100.00%	1,548,000	0	1,548,000	1,548,000	0	0	0	0	1,548,000	807,890	0	
16	Relocation of SCADA Radios	Treatment	0.00%	0.00%	100.00%	0	0	0	0	0	0	0	0	0	0	0	
17	Water Reclamation Facility Chlorine Contact	Treatment	0.00%	100.00%	0.00%	0	0	0	0	0	0	0	0	0	0	0	
18	Reuse Master Metering	Trans	0.00%	100.00%	0.00%	360,000	0	360,000	0	0	360,000	0	0	360,000	0	0	
19	WTP Chemical Feed System Upgrades	Treatment	0.00%	0.00%	100.00%	0	0	0	0	0	0	0	0	0	0	0	
20	WTP Filter Media Replacement	Treatment	0.00%	0.00%	100.00%	0	0	0	0	0	0	0	0	0	0	0	
21	WTP Thickener Wetwell Discharge Relocation	Treatment	0.00%	0.00%	100.00%	0	0	0	0	0	0	0	0	0	0	0	
22	Shadow Crossing Reuse Pump Facility	Trans	0.00%	0.00%	100.00%	240,000	0	240,000	0	0	240,000	0	0	240,000	0	145,204	
23	Utility Master Plan Update	Other	0.00%	0.00%	100.00%	146,667	0	146,667	0	0	0	0	146,667	146,667	0	0	
24	Water Storage Tank Repairs	Supply	0.00%	0.00%	100.00%	0	0	0	0	0	0	0	0	0	0	0	
25	WWTP Laboratory Upgrades	Treatment	0.00%	100.00%	0.00%	445,000	0	445,000	445,000	0	0	0	0	445,000	0	0	
26	New Reuse Ground Storage Tank	Supply	0.00%	100.00%	0.00%	385,000	0	385,000	0	0	0	0	385,000	385,000	0	0	
27	WTP Replace Lime Softening Filters 5 & 6	Treatment	0.00%	0.00%	100.00%	0	0	0	0	0	0	0	0	0	0	0	
28	WTP Scrubbers and De-gasifiers Rehab	Treatment	0.00%	0.00%	100.00%	0	0	0	0	0	0	0	0	0	0	0	
29	WWTP Generator Room Roof Replacement	Treatment	0.00%	0.00%	100.00%	32,100	0	32,100	32,100	0	0	0	0	32,100	16,753	0	
30	WWTP Odor Control	Treatment	0.00%	0.00%	100.00%	220,000	0	220,000	220,000	0	0	0	0	220,000	114,816	0	
31	WWTP Screw Pump Roof Modification	Treatment	0.00%	0.00%	100.00%	78,000	0	78,000	78,000	0	0	0	0	78,000	40,708	0	
32	Airport Road Reclaim Water Main PH 2	Trans	0.00%	100.00%	0.00%	1,230,500	0	1,230,500	0	0	1,230,500	0	0	1,230,500	0	0	
33	Filter Demolition and New Storage Bldg	Other	0.00%	0.00%	100.00%	0	0	0	0	0	0	0	0	0	0	0	
34	Halifax River Force Main Crossing	Trans	0.00%	100.00%	0.00%	1,057,000	0	1,057,000	0	0	1,057,000	0	0	1,057,000	0	0	
35	Septic to Sewer Conversion	Other	0.00%	100.00%	0.00%	14,200,000	0	14,200,000	0	0	0	0	14,200,000	14,200,000	0	0	
36	Secondary Raw Water Main	Supply	0.00%	100.00%	0.00%	0	0	0	0	0	0	0	0	0	0	0	
37	TOTAL WASTEWATER PROJECTS						\$26,617,767	(\$1,370,500)	\$25,247,267	\$5,118,100	\$0	\$4,366,127	\$0	\$15,763,040	\$25,247,267	\$2,438,856	\$1,039,797
38	PERCENT OF TOTAL								100.00%	20.27%	0.00%	17.29%	0.00%	62.43%	100.00%	9.66%	4.12%

Footnotes:

- [1] Amounts shown reflect the Five-Year Capital Program as provided by the City.
- [2] Downward adjustments reflect projects: i) anticipated to be funded by grants as identified by the City; ii) recognized in the existing assets summary (Fixed Asset Data and Asset Functionalization) to be consistent with existing capacity assumptions; or iii) not considered applicable to the fee determination process.
- [3] Assets are categorized based on information provided by the City.

Table 4
City of Ormond Beach
Water and Wastewater System Connection Fee Study

Development of Water System Connection Fees

Line No.	Description	Water Amount
Total Estimated Cost of Existing Water Production and Treatment Facilities:		
1	Installed Cost - Existing Facilities [1]	\$71,474,770
2	Additional Costs Capitalized - CIP [2]	16,265,925
3	Less Anticipated Retirements [3]	(4,322,967)
4	Less Receipt of Grant Funds [4]	0
5	Subtotal Water Production and Treatment Facilities	\$83,417,728
6	Existing Permitted Capacity of Plant Facilities (MGD) (ADF) [5]	12.000
7	Existing Average Daily Flow for FY 2016-2020 (MGD) (ADF) [6]	6.729
8	Equivalent Living Unit Factor - (GPD) (ADF) [7]	300.0
9	Estimated Dwelling Units Permitted to be Served by Existing Facilities	40,000
10	Percent Remaining Capacity of Existing Facilities	43.93%
11	Allocation of Existing Facilities to Incremental Growth	\$36,644,472
12	Rate per Living Unit Associated with Existing Facilities	\$2,085.44
Total Estimated Cost of Additional Water Production and Treatment Facilities:		
13	Additional Costs Capitalized - CIP [8]	\$0
14	Less Receipt of Grant Funds [4]	0
15	Cost of Additional Water Production/Treatment Facilities	\$0
16	New Plant Capacity (MGD) (ADF) [9]	0.000
17	Estimated Dwelling Units to be Served by Additional Facilities	0.00
18	Rate per Dwelling Units Associated with Additional Facilities	\$0.00
19	Rate per Living Units Allocable to Water Production/Treatment Facilities	\$2,085.44
Primary Transmission System:		
20	Existing Facilities [10]	\$8,606,122
21	Additional Costs Capitalized - CIP [11]	3,700,000
22	Less Anticipated Retirements [3]	(2,374,889)
23	Less Receipt of Grant Funds [4]	0
24	Total Primary Transmission Facility Costs	\$9,931,233
25	Estimated Dwelling Units Served by Existing Facilities [12]	40,000
26	Estimated Future Dwelling Units served by Transmission Facilities [12]	0
27	Total Estimated Dwelling Units served by Transmission Facilities [12]	40,000
28	Net Rate per Dwelling Unit of Primary Transmission Facilities	\$248.28
29	Total Combined Rate per Dwelling Unit After Rate Adjustment	\$2,333.72
30	Rounded Water Fee per Living Unit	\$2,333.00
31	Cost Per Gallon	\$7.78
32	Existing Rate per Gallon	\$9.67
33	Existing Rate per Living Unit	\$2,902.00
34	Proposed Increase / (Decrease)	(\$569.00)
35	Proposed Connection Fees	ELU Factor Amount
36	Single Family Residential	1.00 \$2,333.00
37	Multi-Family Residential	0.80 \$1,866.00
38	Mobile Home Residential	0.90 \$2,099.00

MGD = Million Gallons per Day

ADF = Average Daily Flow

GPD = Gallons per Day

Footnotes continued on the following page.

Table 4
City of Ormond Beach
Water and Wastewater System Connection Fee Study
Development of Water System Connection Fees

Footnotes:

- [1] Amount based on Table 1 and reflects water production and treatment assets currently in service.
- [2] Amount derived from Table 2 and reflects the planned upgrades to the existing water production and treatment facilities.
- [3] Amounts derived from City of Ormond Beach fixed asset data and reflect estimated fixed asset retirements due to the imposition of the capital improvement plan of the City which recognizes the replacement of such assets classified in the total treatment and/or transmission function.
- [4] Total cost of facilities is reduced by grants and other outside funding sources, if any, as provided by the City.
- [5] Amount reflects the rated permitted capacity of the existing facilities and is shown in detail as follows:

Description	Plant Capacity
Lime Softening Plant Capacity (MGD) (ADF)	8.000
Low Pressure Reverse Osmosis Capacity (MGD) (ADF)	4.000
Total Capacity (MDG) (MDF)	12.000

- [6] Based on the average daily flow for the period fiscal year 2016-2020.
- [7] Amount reflects the City's proposed level of service provided for a residential dwelling unit.
- [8] Amount derived from Table 2, if any, and reflects the cost of additional water treatment capacity.
- [9] Amount as provided by City staff and reflects the amount of additional water treatment capacity expressed on an average daily flow basis, if any.
- [10] Amount based on Table 1 and reflects water transmission assets currently in service.
- [11] Amount derived from Table 2 and reflects the planned upgrades to the existing water transmission system.
- [12] Amount assumes transmission capacity is consistent with the existing and estimated future water treatment capacity.

Table 5
City of Ormond Beach
Water and Wastewater System Connection Fee Study
Development of Wastewater System Connection Fees

Line No.	Description	Amount
Total Estimated Cost of Existing Wastewater Treatment Facilities		
1	Cost of Existing Facilities [1]	\$76,896,737
2	Additional Costs Capitalized - CIP [2]	5,118,100
3	Less Anticipated Retirements [3]	(2,438,856)
4	Less Receipt of Grant Funds [4]	0
5	Subtotal Wastewater Treatment Facilities	\$79,575,982
6	Existing Permitted Capacity of Plant Facilities (MGD) (ADF) [5]	8.000
7	Existing Average Daily Flow FY 2016-2020 (MGD) (ADF) [6]	4.465
8	Dwelling Unit Factor - (GPD) [7]	280.0
9	Estimated Dwelling Units Permitted to be Served by Existing Facilities	28,571
10	Percent Remaining Capacity of Existing Facilities	44.19%
11	Allocation of Existing Facilities to Incremental Growth	\$35,161,394
12	Rate per Dwelling Unit Associated with Existing Facilities	\$2,785.16
Total Estimated Cost of Additional Wastewater Treatment Facilities		
13	Additional Costs Capitalized - CIP [8]	\$0
14	Less Receipt of Grant Funds [4]	0
15	Cost of Additional Wastewater Treatment Facilities	\$0
16	New Plant Capacity (MGD) [9]	0.000
17	Estimated Dwelling Units to be Served by Additional Facilities	0.00
18	Rate per Dwelling Units Associated with Additional Facilities	\$0.00
19	Rate per Dwelling Units Allocable to Wastewater Treatment Facilities	\$2,785.16
Primary Transmission System:		
20	Existing Facilities [10]	\$19,308,495
21	Additional Costs Capitalized - CIP [11]	4,366,127
22	Less Anticipated Retirements [3]	(1,039,797)
23	Less Receipt of Grant Funds [4]	0
24	Total Primary Transmission Facility Costs	\$22,634,825
25	Estimated Dwelling Units Served by Existing Facilities [12]	28,571
26	Estimated Future Dwelling Units served by Transmission Facilities [12]	0
27	Total Estimated Dwelling Units served by Transmission Facilities [12]	28,571
28	Net Rate per Dwelling Unit of Primary Transmission Facilities	\$792.23
29	Total Combined Rate per Dwelling Unit After Rate Adjustment	\$3,577.39
30	Rounded Rate per Dwelling Unit	\$3,577.00
31	Cost Per Gallon	\$12.78
32	Existing Rate per Gallon	\$10.10
33	Existing Rate per Dwelling Unit	\$2,829.00
34	Proposed Increase / (Decrease)	\$748.00
35	Proposed Connection Fees	
36	Single Family Residential	ELU Factor Amount 1.00 \$3,577.00
37	Multi-Family Residential	0.80 \$2,861.00
38	Mobile Home Residential	0.90 \$3,219.00

MGD = Million Gallons per Day

ADF = Average Daily Flow

GPD = Gallons per Day

Footnotes continued on the following page.

Table 5
City of Ormond Beach
Water and Wastewater System Connection Fee Study
Development of Wastewater System Connection Fees

Footnotes:

- [1] Amount based on Table 1 and reflects wastewater treatment assets currently in service.
- [2] Amount derived from Table 3 and reflects the planned upgrades to the existing wastewater treatment facilities.
- [3] Amounts derived from City of Ormond Beach fixed asset data and reflect estimated fixed asset retirements due to the imposition of the capital improvement plan of the City which recognizes the replacement of such assets classified in the total treatment and/or transmission function.
- [4] Total cost of facilities is reduced by grants and other outside funding sources, if any, as provided by the City.
- [5] Amount reflects the permitted capacity of the existing facilities and is shown in detail as follows:

Description	Plant Capacity
Wastewater Plant Capacity (MDG) (ADF)	8.000
Total Capacity (MDG)	8.000

- [6] Amount reflects the average daily flow for Fiscal Years 2015 through 2019.
- [7] Amount reflects the City's level of service provided for a residential dwelling unit.
- [8] Amount derived from Table 3, if any, and reflects the cost of additional wastewater treatment capacity.
- [9] Amount as provided by City staff and reflects the amount of additional wastewater treatment capacity expressed on an average daily flow basis, if any.
- [10] Amount based on Table 1 and reflects wastewater transmission assets currently in service.
- [11] Amount derived from Table 3 and reflects the planned upgrades to the existing wastewater collection system.
- [12] Amount assumes transmission capacity is consistent with the existing and estimated future wastewater treatment capacity.

Table 6
City of Ormond Beach
Water and Wastewater System Connection Fee Study

Utility Connection Fee Comparison [*]

Line No.	Municipality	Residential Single Family Service		Total
		Water	Wastewater	
1	Ormond Beach - Existing	\$2,902.00	\$2,829.00	\$5,731.00
2	Ormond Beach - Proposed	\$2,333.00	\$3,577.00	\$5,910.00
3	New Smyrna Beach	\$1,485.00	\$1,445.00	\$2,930.00
4	Daytona Beach	\$1,376.00	\$1,825.00	\$3,201.00
5	DeLand	\$2,184.20	\$3,021.00	\$5,205.20
6	Deltona	\$1,944.00	\$4,531.00	\$6,475.00
7	Edgewater	\$1,740.72	\$2,634.35	\$4,375.07
8	Melbourne	\$1,540.00	\$2,210.00	\$3,750.00
9	Orange City	\$1,600.00	\$3,100.00	\$4,700.00
10	Palm Coast	\$2,745.89	\$2,954.57	\$5,700.46
11	Port Orange	\$605.00	\$1,540.00	\$2,145.00
12	Titusville	\$1,970.00	\$2,190.00	\$4,160.00
13	Volusia County	\$1,546.04	\$2,935.96	\$4,482.00
14	Survey Average Fee	\$1,703.35	\$2,580.63	\$4,283.98

[*] As of October 2021

Appendix 1
City of Ormond Beach
Water and Wastewater System Connection Fee Study

Fixed Asset Data and Asset Functionalization

[illegible]

Appendix I
City of Ormond Beach
Water and Wastewater System Connection Fee Study

Fixed Asset Data and Asset Functionalization

No.	Asset Code	Description	Class CD	Subclass	Location	Location Description	Allocation	Date Acquired	Acquired Cost	Water						Wastewater			Reclaimed		Other Plant		Other
										Supply	Treatment	Transmission	Distribution	Hydrants	Meters	Treatment	Transmission	Collection	Treatment	Transmission	Distribution	Indirect	
97	10001176	Effluent Reuse Reimburse Expenses	20	209	3502	WW COLLECTION AND REUSE	GENERAL	4/29/1994	137	0	0	0	0	0	0	0	0	0	0	0	0	137	0
98	10001177	Effluent Reuse Construction	20	209	3502	WW COLLECTION AND REUSE	WW T&C	4/29/1994	1,017	0	0	0	0	0	0	0	406	611	0	0	0	0	0
99	10001178	Effluent Reuse Construction	20	209	3502	WW COLLECTION AND REUSE	WW T&C	4/1/1994	599	0	0	0	0	0	0	0	239	360	0	0	0	0	0
100	10001179	Effluent Reuse Reimburse Expenses	20	209	3502	WW COLLECTION AND REUSE	GENERAL	4/1/1994	18	0	0	0	0	0	0	0	0	0	0	0	0	18	0
101	10001180	Effluent Reuse Construction	20	209	3502	WW COLLECTION AND REUSE	WW T&C	3/4/1994	1,232	0	0	0	0	0	0	0	492	740	0	0	0	0	0
102	10001181	Effluent Reuse Reimburse Expenses	20	209	3502	WW COLLECTION AND REUSE	GENERAL	3/4/1994	63	0	0	0	0	0	0	0	0	0	0	0	0	63	0
103	10001182	Effluent Reuse Engineering	20	209	3502	WW COLLECTION AND REUSE	GENERAL	2/4/1994	3,093	0	0	0	0	0	0	0	0	0	0	0	0	3,093	0
104	10001183	Effluent Reuse Reimburse Expenses	20	209	3502	WW COLLECTION AND REUSE	GENERAL	2/4/1994	466	0	0	0	0	0	0	0	0	0	0	0	0	466	0
105	10001184	Effluent Reuse Engineering	20	209	3502	WW COLLECTION AND REUSE	GENERAL	1/7/1994	1,061	0	0	0	0	0	0	0	0	0	0	0	0	1,061	0
106	10001185	Effluent Reuse Reimburse Expenses	20	209	3502	WW COLLECTION AND REUSE	GENERAL	1/7/1994	12	0	0	0	0	0	0	0	0	0	0	0	0	12	0
107	10001186	Effluent Reuse Design	20	209	3502	WW COLLECTION AND REUSE	GENERAL	7/19/1994	2,872	0	0	0	0	0	0	0	0	0	0	0	0	2,872	0
108	10001187	Effluent Reuse Engineering	20	209	3502	WW COLLECTION AND REUSE	GENERAL	3/4/1994	831	0	0	0	0	0	0	0	0	0	0	0	0	831	0
109	10001188	Effluent Reuse Reimburse Expenses	20	209	3502	WW COLLECTION AND REUSE	GENERAL	3/4/1994	22	0	0	0	0	0	0	0	0	0	0	0	0	22	0
110	10001189	Effluent Reuse Drawings	20	209	3502	WW COLLECTION AND REUSE	GENERAL	12/10/1993	642	0	0	0	0	0	0	0	0	0	0	0	0	642	0
111	10001190	Effluent Reuse Construction	20	209	3502	WW COLLECTION AND REUSE	WW T&C	6/30/1994	39,178	0	0	0	0	0	0	0	15,635	23,543	0	0	0	0	0
112	10001191	Effluent Reuse Construction	20	209	3502	WW COLLECTION AND REUSE	WW T&C	5/27/1994	11,343	0	0	0	0	0	0	0	4,527	6,816	0	0	0	0	0
113	10001192	Effluent Reuse Construction	20	209	3502	WW COLLECTION AND REUSE	WW T&C	4/27/1994	56,993	0	0	0	0	0	0	0	22,745	34,248	0	0	0	0	0
114	10001193	Effluent Reuse Construction	20	209	3502	WW COLLECTION AND REUSE	WW T&C	11/3/1993	3,159	0	0	0	0	0	0	0	1,261	1,898	0	0	0	0	0
115	10001194	Effluent Reuse System Imp - Fy 1997	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/30/1997	224,220	0	0	0	0	0	0	0	89,483	134,737	0	0	0	0	0
116	10001197	Wtr Water System Imp (Old \$ Total By Fy	20	208	3301	WATER PLANT	W Treatment	10/1/1941	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
117	10001198	Water System Improvements - Fy Prior To	20	208	3301	WATER PLANT	W Treatment	10/1/1941	105,180	0	105,180	0	0	0	0	0	0	0	0	0	0	0	0
118	10001199	Water System Improvements - Fy 1942	20	208	3301	WATER PLANT	W Treatment	9/30/1942	4,006	0	4,006	0	0	0	0	0	0	0	0	0	0	0	0
119	10001200	Water System Improvements - Fy 1943 Thru	20	208	3301	WATER PLANT	W Treatment	9/30/1948	59,846	0	59,846	0	0	0	0	0	0	0	0	0	0	0	0
120	10001201	Water System Improvements - Fy 1949	20	208	3301	WATER PLANT	W Treatment	9/30/1949	79,720	0	79,720	0	0	0	0	0	0	0	0	0	0	0	0
121	10001202	Water System Improvements - Fy 1950	20	208	3301	WATER PLANT	W Treatment	9/30/1950	8,653	0	8,653	0	0	0	0	0	0	0	0	0	0	0	0
122	10001203	Water System Improvements - Fy 1951	20	208	3301	WATER PLANT	W Treatment	9/30/1951	9,263	0	9,263	0	0	0	0	0	0	0	0	0	0	0	0
123	10001204	Water System Improvements - Fy 1952	20	208	3301	WATER PLANT	W Treatment	9/30/1952	234,451	0	234,451	0	0	0	0	0	0	0	0	0	0	0	0
124	10001205	Water System Improvements - Fy 1953	20	208	3301	WATER PLANT	W Treatment	9/30/1953	26,545	0	26,545	0	0	0	0	0	0	0	0	0	0	0	0
125	10001206	Water System Improvements - Fy 1954	20	208	3301	WATER PLANT	W Treatment	9/30/1954	10,166	0	10,166	0	0	0	0	0	0	0	0	0	0	0	0
126	10001207	Water System Improvements - Fy 1955	20	208	3301	WATER PLANT	W Treatment	9/30/1955	21,112	0	21,112	0	0	0	0	0	0	0	0	0	0	0	0
127	10001208	Water System Improvements - Fy 1956	20	208	3301	WATER PLANT	W Treatment	9/30/1956	31,763	0	31,763	0	0	0	0	0	0	0	0	0	0	0	0
128	10001209	Water System Improvements - Fy 1957	20	208	3301	WATER PLANT	W Treatment	9/30/1957	33,233	0	33,233	0	0	0	0	0	0	0	0	0	0	0	0
129	10001210	Water System Improvements - Fy 1958	20	208	3301	WATER PLANT	W Treatment	9/30/1958	183,198	0	183,198	0	0	0	0	0	0	0	0	0	0	0	0
130	10001211	Water System Improvements - Fy 1959	20	208	3301	WATER PLANT	W Treatment	9/30/1959	524,534	0	524,534	0	0	0	0	0	0	0	0	0	0	0	0
131	10001212	Water System Improvements - Fy 1961	20	208	3301	WATER PLANT	W Treatment	9/30/1961	63,086	0	63,086	0	0	0	0	0	0	0	0	0	0	0	0
132	10001213	Water System Improvements - Fy 1962	20	208	3301	WATER PLANT	W Treatment	9/30/1962	103,177	0	103,177	0	0	0	0	0	0	0	0	0	0	0	0
133	10001214	Water System Improvements - Fy 1963	20	208	3301	WATER PLANT	W Treatment	9/30/1963	70,178	0	70,178	0	0	0	0	0	0	0	0	0	0	0	0
134	10001215	Water System Improvements - Fy 1964	20	208	3301	WATER PLANT	W Treatment	9/30/1964	36,265	0	36,265	0	0	0	0	0	0	0	0	0	0	0	0
135	10001216	Water System Improvements - Fy 1965	20	208	3301	WATER PLANT	W Treatment	9/30/1965	134,316	0	134,316	0	0	0	0</								

Appendix 1
City of Ormond Beach
Water and Wastewater System Connection Fee Study

Fixed Asset Data and Asset Functionalization

No.	Asset Code	Description	Class CD	Subclass	Location	Location Description	Allocation	Date Acquired	Acquired Cost	Water						Wastewater		Reclaimed		Other Plant				
										Supply	Treatment	Transmission	Distribution	Hydrants	Meters	Treatment	Transmission	Collection	Treatment	Transmission	Distribution	Indirect	General	Other
195	10001276	Dedicated Wtr - Breakaway Trails Plant -	20	208	3301	WATER PLANT	W Treatment	9/30/1990	40,208	0	40,208	0	0	0	0	0	0	0	0	0	0	0	0	0
196	10001277	Land Dedicated Wtr - Breakaway Trails Pl	70	701	3301	WATER PLANT	W Treatment	9/30/1990	124,650	0	124,650	0	0	0	0	0	0	0	0	0	0	0	0	0
197	10001278	Land Dedicated Wtr - Breakaway Trails -	70	701	3301	WATER PLANT	W Treatment	9/30/1990	3,300	0	3,300	0	0	0	0	0	0	0	0	0	0	0	0	0
198	10001279	Dedicated Wtr - Breakaway Trails - Fy 90	20	208	3301	WATER PLANT	W Treatment	9/30/1990	153,900	0	153,900	0	0	0	0	0	0	0	0	0	0	0	0	0
199	10001280	Dedicated Wtr - Breakaway Trails Wells -	20	208	3301	WATER PLANT	W Treatment	9/30/1990	58,426	0	58,426	0	0	0	0	0	0	0	0	0	0	0	0	0
200	10001281	Dedicated Wtr - Pine Trail School - Fy 9	20	208	3301	WATER PLANT	W T&D	9/30/1990	123,526	0	0	36,608	86,917	0	0	0	0	0	0	0	0	0	0	0
201	10001282	Dedicated Wtr - Shadow Crossings - Fy 91	20	208	3301	WATER PLANT	W T&D	9/30/1991	114,187	0	0	33,841	80,346	0	0	0	0	0	0	0	0	0	0	0
202	10001283	Dedicated Wtr - Pine Trails Phase I - Fy	20	208	3302	WATER DISTRIBUTION	W T&D	9/30/1992	23,791	0	0	7,051	16,740	0	0	0	0	0	0	0	0	0	0	0
203	10001284	Dedicated Wtr - Breakaway Trails Ph Iii	20	208	3302	WATER DISTRIBUTION	W T&D	9/30/1992	114,726	0	0	34,000	80,726	0	0	0	0	0	0	0	0	0	0	0
204	10001285	Dedicated Wtr - Broadwater Subdivision-9	20	208	3302	WATER DISTRIBUTION	W T&D	9/30/1992	63,650	0	0	18,863	44,787	0	0	0	0	0	0	0	0	0	0	0
205	10001286	Dedicated Wtr - Coquina Point - Fy 1992	20	208	3302	WATER DISTRIBUTION	W T&D	9/30/1992	83,790	0	0	24,832	58,958	0	0	0	0	0	0	0	0	0	0	0
206	10001287	Dedicated Wtr - Addt'L Water Lines Fy 19	20	208	3302	WATER DISTRIBUTION	W T&D	9/30/1992	97,240	0	0	28,818	68,422	0	0	0	0	0	0	0	0	0	0	0
207	10001288	Dedicated Wtr - Pine Trails Ph Iii - Fy	20	208	3302	WATER DISTRIBUTION	W T&D	11/20/2000	29,450	0	0	8,728	20,722	0	0	0	0	0	0	0	0	0	0	0
208	10001289	Dedicated Wtr - Ormond Lakes Unit Ix - F	20	208	3302	WATER DISTRIBUTION	W T&D	1/15/2001	69,445	0	0	20,581	48,864	0	0	0	0	0	0	0	0	0	0	0
209	10001290	Dedicated Wtr - Breakaway Trls Ph Iii -	20	208	3302	WATER DISTRIBUTION	W T&D	4/20/2001	37,670	0	0	11,164	26,506	0	0	0	0	0	0	0	0	0	0	0
210	10001291	Dedicated Wtr - Publix @ Holly Hill - Fy	20	208	3302	WATER DISTRIBUTION	W T&D	9/30/2002	65,000	0	0	19,263	45,737	0	0	0	0	0	0	0	0	0	0	0
211	10001292	Dedicated Wtr - Avalon-Marlin Dr/On Aia	20	208	3302	WATER DISTRIBUTION	W T&D	8/24/2001	16,780	0	0	4,973	11,807	0	0	0	0	0	0	0	0	0	0	0
212	10001293	Dedicated Wtr - Ormond Lakes Unit Xb - F	20	208	3302	WATER DISTRIBUTION	W T&D	9/1/2001	18,214	0	0	5,398	12,816	0	0	0	0	0	0	0	0	0	0	0
213	10001294	Dedicated Wtr - Latulippe Office/Pearl D	20	208	3302	WATER DISTRIBUTION	W T&D	9/30/2002	25,000	0	0	7,409	17,591	0	0	0	0	0	0	0	0	0	0	0
214	10001295	Dedicated Wtr - Ormond Lakes Unit Xii -	20	208	3302	WATER DISTRIBUTION	W T&D	9/30/2002	195,568	0	0	57,959	137,609	0	0	0	0	0	0	0	0	0	0	0
215	10001296	Dedicated Wtr - Briargate Ph 1 & 2 - Fy	20	208	3302	WATER DISTRIBUTION	W T&D	7/26/2005	114,392	0	0	33,901	80,491	0	0	0	0	0	0	0	0	0	0	0
216	10001297	Dedicated Wtr - Creekside - Fy 2005	20	208	3302	WATER DISTRIBUTION	W T&D	8/15/2005	99,020	0	0	29,346	69,674	0	0	0	0	0	0	0	0	0	0	0
217	10001298	Dedicated Wtr - Tuscanny Shoppes - Fy 20	20	208	3302	WATER DISTRIBUTION	W T&D	7/6/2005	500	0	0	148	352	0	0	0	0	0	0	0	0	0	0	0
218	10001299	Dedicated Wtr - Ormond Ace - Fy 2005	20	208	3302	WATER DISTRIBUTION	W T&D	9/27/2005	800	0	0	237	563	0	0	0	0	0	0	0	0	0	0	0
219	10001300	Dedicated Wtr - Harley Davidson Cmplx -	20	208	3302	WATER DISTRIBUTION	W T&D	8/31/2005	103,660	0	0	30,721	72,939	0	0	0	0	0	0	0	0	0	0	0
220	10001301	Dedicated Wtr - Med Center-Hand/Clyde -	20	208	3302	WATER DISTRIBUTION	W T&D	5/25/2005	24,850	0	0	7,365	17,485	0	0	0	0	0	0	0	0	0	0	0
221	10001302	Dedicated Wtr - Capriana Condo - Aia - F	20	208	3302	WATER DISTRIBUTION	W T&D	7/3/2006	2,700	0	0	800	1,900	0	0	0	0	0	0	0	0	0	0	0
222	10001303	Dedicated Wtr - Calvary Chapel - Fy 06	20	208	3302	WATER DISTRIBUTION	W T&D	5/31/2006	4,000	0	0	1,185	2,815	0	0	0	0	0	0	0	0	0	0	0
223	10001304	Dedicated Wtr - Broken Spoke - N Us 1 -	20	208	3302	WATER DISTRIBUTION	W T&D	2/14/2006	3,700	0	0	1,097	2,603	0	0	0	0	0	0	0	0	0	0	0
224	10001305	Dedicated Wtr - Hunter Ridge - Flgrl Cty	20	208	3302	WATER DISTRIBUTION	W T&D	1/30/2006	3,400	0	0	1,008	2,392	0	0	0	0	0	0	0	0	0	0	0
225	10001306	Dedicated Wtr - Chelsea Place - Ph 1/2 -	20	208	3302	WATER DISTRIBUTION	W T&D	3/2/2006	352,700	0	0	104,526	248,174	0	0	0	0	0	0	0	0	0	0	0
226	10001307	Dedicated Wtr - Tuscany Sub - Fy 07	20	208	3302	WATER DISTRIBUTION	W T&D	11/16/2006	132,644	0	0	39,310	93,334	0	0	0	0	0	0	0	0	0	0	0
227	10001308	Dedicated Wtr - 1425 Hand Ave Ctrc - Fy	20	208	3302	WATER DISTRIBUTION	W T&D	1/2/2007	7,600	0	0	2,252	5,348	0	0	0	0	0	0	0	0	0	0	0
228	10001309	Dedicated Wtr - Fun Coast Medical - Fy 0	20	208	3302	WATER DISTRIBUTION	W T&D	11/30/2006	10,120	0	0	2,999	7,121	0	0	0	0	0	0	0	0	0	0	0
229	10001310	Dedicated Wtr - Tatto Tavern - N Us 1 -	20	208	3302	WATER DISTRIBUTION	W T&D	3/6/2007	7,760	0	0	2,300	5,460	0	0	0	0	0	0	0	0	0	0	0
230	10001311	Dedicated Wtr - Saddle Jacks - Us 1 - Fy	20	208	3302	WATER DISTRIBUTION	W T&D	8/16/2007	11,460	0	0	3,396	8,064	0	0	0	0	0	0	0	0	0	0	0
231	10001312	Dedicated Wtr - Majik Market - N Yonge S	20	208	3302	WATER DISTRIBUTION	W T&D	8/24/2007	1,170	0	0	347	823	0	0	0	0	0	0	0	0	0	0	0
232	10001313	Dedicated Wtr - Tomoka Landing - Fy 07	20	208	3302	WATER DISTRIBUTION	W T&D	8/24/2007	4,440	0	0	1,316	3,124	0	0	0	0	0	0	0	0	0	0	0
233	10001314	Dedicated Wtr - Destination Daytona/Ph 2	20	208	3302	WATER DISTRIBUTION	W T&D	10/23/2006	127,905	0	0	37,906	89,999	0	0	0	0	0	0	0	0	0	0	0
234	10001315	Dedicated Wtr - Westland Village - Fy 07	20	208	3302	WATER DISTRIBUTION	W T&D	10/1/2006	166,034	0	0	49,206	116,828	0	0	0	0	0	0	0	0	0	0	0
235	10001316	Dedicated Wtr - Deer Creek/Ph 1&2 - Fy 0	20	208	3302	WATER DISTRIBUTION	W T&D	8/17/2007	490,370	0	0	145,326	345,044	0	0	0	0	0	0	0	0	0	0	0
236	10001317	Dedicated Wtr - Progressive Bus Park - F	20	208	3302	WATER DISTRIBUTION	W T&D	6/27/2007	8,000	0	0	2,371	5,629	0	0	0	0	0	0	0	0	0	0	0
237	10001318	Dedicated Wtr - Capital Plaza/Ph 1 - Fy	20	208	3302	WATER DISTRIBUTION	W T&D	1/5/2007	25,680	0	0	7,611	18,069	0	0	0	0	0	0	0	0	0	0	0
238	10001319	Dedicated Wtr - East Coast Comm Bank - F	20	208	3302	WATER DISTRIBUTION	W T&D	10/10/2007	1,100	0	0	326	774	0	0	0	0	0	0	0	0	0	0	0
239	10001320	Dedicated Wtr - Capri Drive - Fy 07	20	208	3302	WATER DISTRIBUTION	W T&D	9/30/2007	103,950	0	0	30,807	73,143	0	0	0	0	0	0	0	0	0	0	0
240	10001321	Dedicated Wtr - Ormond Lakes/Unit Iiib -	20	208	3302	WATER DISTRIBUTION	W T&D	9/30/2004	73,350	0	0	21,738	51,612	0	0	0	0	0	0	0	0	0	0	0
241	10001322	Dedicated Wtr - Saddlers Run Ph Iii - Fy	20	208	3302	WATER DISTRIBUTION	W T&D	9/30/2004	31,400	0	0	9,306	22,094	0	0	0	0	0	0	0	0	0	0	0
242	10001323	Dedicated Wtr - Ormond Lakes Unit 8 - Fy	20	208	3302	WATER DISTRIBUTION	W T&D	9/30/2004	69,000	0	0	20,449	48,551	0	0	0	0	0	0	0	0	0	0	0
243	10001324	Dedicated Wtr - Breakaway Trl Iii/2B - F	20	208	3302	WATER DISTRIBUTION	W T&D	9/30/2004	42,198	0	0	12,506	29,692	0	0	0	0	0	0	0	0	0	0	0
244	10001325	Dedicated Wtr - Southern Pines/Unit Iii	20	208	3302	WATER DISTRIBUTION	W T&D	9/30/2004	82,043	0	0	24,314	57,729	0	0	0	0	0	0	0	0	0	0	0
245	10001326	Dedicated Wtr - Mirror Lake Medical - Fy	20	208	3302	WATER DISTRIBUTION	W T&D	9/30/2004	9,250	0	0	2,741	6,509	0	0	0	0	0	0	0	0	0	0	0
246	10001327	Dedicated Wtr - Oak Point - Fy 04	20	208	3302	WATER DISTRIBUTION	W T&D	9/30/2004	3,750	0	0	1,111	2,639	0	0	0	0	0	0	0	0	0	0	0
247	10001328	Dedicated Wtr - Gardens Business Ctr - F	20	208	3302	WATER DISTRIBUTION	W T&D	9/30/2004	32,550	0	0	9,647	22,903	0	0	0	0	0	0	0	0	0	0	0
248	10001329	Dedicated Wtr - Tymber Crossings/Ph 1 -	20	208	3302	WATER DISTRIBUTION	W T&D	9/30/2003	73,350	0	0	21,738	51,612	0	0	0	0	0	0	0	0	0	0	0
249	10001330	Dedicated Wtr - Ormond Lakes/Unit 3 - Fy	20	208	3302	WATER DISTRIBUTION	W T&D	9/30/2003	35,470	0	0	10,512	24,958	0	0	0	0	0	0	0	0	0	0	0
250	10001331	Dedicated Wtr - Ormond Lakes/Unit Ii - F	20	208	3302	WATER DISTRIBUTION	W T&D	9/30/2003	66,450	0	0	19,693	46,757	0	0	0	0	0	0	0	0	0	0	0
251	10001332	Dedicated Wtr - Tymber Crossings/Ph 2 -	20	208	3302	WATER DISTRIBUTION	W T&D	9/30/2003	3,720	0	0	1,102	2,618	0	0	0	0	0	0	0	0	0	0	0
252	10001333	Dedicated Wtr - Certified Screen - Fy 03	20	208	3302	WATER DISTRIBUTION	W T&D	9/30/2003	2,200	0	0	652	1,548	0	0	0	0	0	0	0	0	0		

Appendix I
City of Ormond Beach
Water and Wastewater System Connection Fee Study

Fixed Asset Data and Asset Functionalization

Line No.	Asset Code	Description	Class CD	Subclass	Location	Location Description	Allocation	Date Acquired	Acquired Cost	Water						Wastewater			Reclaimed			Other Plant		Other
										Supply	Treatment	Transmission	Distribution	Hydrants	Meters	Treatment	Transmission	Collection	Treatment	Transmission	Distribution	Indirect	General	
293	10001374	Dedicated Ww - Breakaway Tr Ph Iii - Fy	20	209	3502	WW COLLECTION AND REUSE	WW T&C	4/20/2001	51,964	0	0	0	0	0	0	0	20,738	31,226	0	0	0	0	0	0
294	10001375	Dedicated Ww - Pine Trails Ph Iii - Fy 2	20	209	3502	WW COLLECTION AND REUSE	WW T&C	11/20/2000	32,140	0	0	0	0	0	0	0	12,827	19,313	0	0	0	0	0	0
295	10001376	Dedicated Ww - Ormond Lakes Unit Ix - Fy	20	209	3502	WW COLLECTION AND REUSE	WW T&C	1/15/2001	75,245	0	0	0	0	0	0	0	30,029	45,216	0	0	0	0	0	0
296	10001377	Dedicated Ww - Ormond Lakes Unit Ix - Fy	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/1/2001	35,927	0	0	0	0	0	0	0	14,338	21,589	0	0	0	0	0	0
297	10001378	Dedicated Ww - Briargate/Ph 1 & 2 - Fy 2	20	209	3502	WW COLLECTION AND REUSE	WW T&C	7/26/2005	86,900	0	0	0	0	0	0	0	34,680	52,220	0	0	0	0	0	0
298	10001379	Dedicated Ww - Briargate/Ph 1 & 2 - Fy	20	209	3502	WW COLLECTION AND REUSE	WW T&C	7/26/2005	32,600	0	0	0	0	0	0	0	13,010	19,590	0	0	0	0	0	0
299	10001380	Dedicated Ww - Creekside - Fy 2005	20	209	3502	WW COLLECTION AND REUSE	WW T&C	8/15/2005	99,000	0	0	0	0	0	0	0	39,509	59,491	0	0	0	0	0	0
300	10001381	Dedicated Ww - Creekside - Fy 2005	20	209	3502	WW COLLECTION AND REUSE	WW T&C	8/15/2005	8,858	0	0	0	0	0	0	0	3,535	5,323	0	0	0	0	0	0
301	10001382	Dedicated Ww - Creekside - Fy 2005	20	209	3502	WW COLLECTION AND REUSE	WW T&C	8/15/2005	41,000	0	0	0	0	0	0	0	16,362	24,638	0	0	0	0	0	0
302	10001383	Dedicated Ww - Creekside - Fy 2005	20	209	3502	WW COLLECTION AND REUSE	WW T&C	8/15/2005	75,819	0	0	0	0	0	0	0	30,258	45,561	0	0	0	0	0	0
303	10001384	Dedicated Ww - Ormond Ace - Fy 2005	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/27/2005	15,000	0	0	0	0	0	0	0	5,986	9,014	0	0	0	0	0	0
304	10001385	Dedicated Ww - Bus Ctr/Addison-Destiny -	20	209	3502	WW COLLECTION AND REUSE	WW T&C	7/15/2005	16,050	0	0	0	0	0	0	0	6,405	9,645	0	0	0	0	0	0
305	10001386	Dedicated Ww - Tomoka Crk Plaza - Fy 200	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/27/2005	2,200	0	0	0	0	0	0	0	878	1,322	0	0	0	0	0	0
306	10001387	Dedicated Ww - Harley Davidson - Fy 2005	20	209	3502	WW COLLECTION AND REUSE	WW T&C	8/31/2005	99,900	0	0	0	0	0	0	0	39,869	60,031	0	0	0	0	0	0
307	10001388	Dedicated Ww - Harley Davidson - Fy 2005	20	209	3502	WW COLLECTION AND REUSE	WW T&C	8/31/2005	25,500	0	0	0	0	0	0	0	10,177	15,323	0	0	0	0	0	0
308	10001389	Dedicated Ww - Harley Davidson - Fy 2005	20	209	3502	WW COLLECTION AND REUSE	WW T&C	8/31/2005	101,780	0	0	0	0	0	0	0	40,619	61,161	0	0	0	0	0	0
309	10001390	Dedicated Ww - Harley Davidson - Fy 2005	20	209	3502	WW COLLECTION AND REUSE	WW T&C	8/31/2005	47,500	0	0	0	0	0	0	0	18,957	28,543	0	0	0	0	0	0
310	10001391	Dedicated Ww - Tymber Xings/Ph 1 - Fy 20	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/30/2003	34,880	0	0	0	0	0	0	0	13,920	20,960	0	0	0	0	0	0
311	10001392	Dedicated Ww - Orm Lakes/Unit 3 - Fy 200	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/30/2003	45,300	0	0	0	0	0	0	0	18,079	27,221	0	0	0	0	0	0
312	10001393	Dedicated Ww - Orm Lakes/Unit Ii - Fy 20	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/30/2003	84,550	0	0	0	0	0	0	0	33,743	50,807	0	0	0	0	0	0
313	10001394	Dedicated Ww - Tymber Xings/Ph 2 - Fy 20	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/30/2003	44,520	0	0	0	0	0	0	0	17,767	26,753	0	0	0	0	0	0
314	10001395	Dedicated Ww - Philopatry - Fy 2003	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/30/2003	5,120	0	0	0	0	0	0	0	2,043	3,077	0	0	0	0	0	0
315	10001396	Dedicated Ww - Med Ctr/Clyde Morris - Fy	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/30/2003	2,300	0	0	0	0	0	0	0	918	1,382	0	0	0	0	0	0
316	10001397	Dedicated Ww - Orm Lakes Unit Iii-B - Fy	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/30/2004	34,880	0	0	0	0	0	0	0	13,920	20,960	0	0	0	0	0	0
317	10001398	Dedicated Ww - Saddlers Run/Ph Iii - Fy	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/30/2004	12,647	0	0	0	0	0	0	0	5,047	7,600	0	0	0	0	0	0
318	10001399	Dedicated Ww - Ormond Lakes/Unit 8 - Fy	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/30/2004	100,310	0	0	0	0	0	0	0	40,032	60,278	0	0	0	0	0	0
319	10001400	Dedicated Ww - Breakaway Tr Iii/2B - Fy	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/30/2004	36,624	0	0	0	0	0	0	0	14,616	22,008	0	0	0	0	0	0
320	10001401	Dedicated Ww - Breakaway Tr Iii/2C - Fy	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/30/2004	48,561	0	0	0	0	0	0	0	19,380	29,181	0	0	0	0	0	0
321	10001402	Dedicated Ww - Southern Pines/Unit Iii -	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/30/2004	133,331	0	0	0	0	0	0	0	53,210	80,121	0	0	0	0	0	0
322	10001403	Dedicated Ww - Mirror Lake Medical - Fy	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/30/2004	14,550	0	0	0	0	0	0	0	5,807	8,743	0	0	0	0	0	0
323	10001404	Dedicated Ww - Oak Point - Fy 2004	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/30/2004	3,750	0	0	0	0	0	0	0	1,497	2,253	0	0	0	0	0	0
324	10001405	Dedicated Ww - Seminole Center - Fy 2004	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/30/2004	54,500	0	0	0	0	0	0	0	21,750	32,750	0	0	0	0	0	0
325	10001406	Dedicated Ww - Gardens Business Center -	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/30/2004	16,190	0	0	0	0	0	0	0	6,461	9,729	0	0	0	0	0	0
326	10001407	Dedicated Ww - Caprina Condo - Fy 2006	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/30/2006	366,859	0	0	0	0	0	0	0	146,408	220,451	0	0	0	0	0	0
327	10001408	Dedicated Ww - Winchester Manor - Fy 200	20	209	3502	WW COLLECTION AND REUSE	WW T&C	1/31/2006	1,800	0	0	0	0	0	0	0	718	1,082	0	0	0	0	0	0
328	10001409	Dedicated Ww - Calvary Chapel (Us 1) - F	20	209	3502	WW COLLECTION AND REUSE	WW T&C	5/31/2006	4,000	0	0	0	0	0	0	0	1,596	2,404	0	0	0	0	0	0
329	10001410	Dedicated Ww - Broken Spoke (Us 1) - Fy	20	209	3502	WW COLLECTION AND REUSE	WW T&C	2/14/2006	2,300	0	0	0	0	0	0	0	918	1,382	0	0	0	0	0	0
330	10001411	Dedicated Ww - Wilmette Professional Ctr	20	209	3502	WW COLLECTION AND REUSE	WW T&C	6/26/2006	1,000	0	0	0	0	0	0	0	399	601	0	0	0	0	0	0
331	10001412	Dedicated Ww - Surfside Condo - Fy 2006	20	209	3502	WW COLLECTION AND REUSE	WW T&C	1/23/2006	1,800	0	0	0	0	0	0	0	718	1,082	0	0	0	0	0	0
332	10001413	Dedicated Ww - Nova Shoppes - Fy 2006	20	209	3502	WW COLLECTION AND REUSE	WW T&C	1/31/2006	9,600	0	0	0	0	0	0	0	3,831	5,769	0	0	0	0	0	0
333	10001414	Dedicated Ww - Chelsea Place Ph 1 & 2 -	20	209	3502	WW COLLECTION AND REUSE	WW T&C	3/2/2006	599,900	0	0	0	0	0	0	0	239,411	360,489	0	0	0	0	0	0
334	10001415	Dedicated Ww - Tuscany Sub (Il Villageo)	20	209	3502	WW COLLECTION AND REUSE	WW T&C	11/16/2006	420,430	0	0	0	0	0	0	0	167,787	252,643	0	0	0	0	0	0
335	10001416	Dedicated Ww - Fun Coast Medical - Fy 20	20	209	3502	WW COLLECTION AND REUSE	WW T&C	11/30/2006	280	0	0	0	0	0	0	0	112	168	0	0	0	0	0	0
336	10001417	Dedicated Ww - Tattoo Tavern - Fy 2007	20	209	3502	WW COLLECTION AND REUSE	WW T&C	3/6/2007	4,150	0	0	0	0	0	0	0	1,656	2,494	0	0	0	0	0	0
337	10001418	Dedicated Ww - Saddle Jacks(Us 1) - Fy 2	20	209	3502	WW COLLECTION AND REUSE	WW T&C	8/16/2007	4,275	0	0	0	0	0	0	0	1,706	2,569	0	0	0	0	0	0
338	10001419	Dedicated Ww - Tomoka Landing - Fy 2007	20	209	3502	WW COLLECTION AND REUSE	WW T&C	8/24/2007	3,600	0	0	0	0	0	0	0	1,437	2,163	0	0	0	0	0	0
339	10001420	Dedicated Ww - Destination Daytona/Ph 2	20	209	3502	WW COLLECTION AND REUSE	WW T&C	10/23/2006	64,760	0	0	0	0	0	0	0	25,845	38,915	0	0	0	0	0	0
340	10001421	Dedicated Ww - Westland Village Sub - Fy	20	209	3502	WW COLLECTION AND REUSE	WW T&C	10/1/2006	55,295	0	0	0	0	0	0	0	22,067	33,228	0	0	0	0	0	0
341	10001422	Dedicated Ww - Deer Creek Ph 1 & 2 - Fy	20	209	3502	WW COLLECTION AND REUSE	WW T&C	8/17/2007	764,807	0	0	0	0	0	0	0	305,223	459,584	0	0	0	0	0	0
342	10001423	Dedicated Ww - Progressive Bus Pk - Fy 2	20	209	3502	WW COLLECTION AND REUSE	WW T&C	6/27/2007	36,800	0	0	0	0	0	0	0	14,686	22,114	0	0	0	0	0	0
343	10001424	Dedicated Ww - Orm Commerce Park - Fy 20	20	209	3502	WW COLLECTION AND REUSE	WW T&C	11/16/2006	7,560	0	0	0	0	0	0	0	3,017	4,543	0	0	0	0	0	0
344	10001425	Dedicated Ww - Walgreens (2001 W Grnda)	20	209	3502	WW COLLECTION AND REUSE	WW T&C	1/2/2007	1,160	0	0	0	0	0	0	0	463	697	0	0	0	0	0	0
345	10001426	Dedicated Ww - Tiffany Condo - Fy 2007	20	209	3502	WW COLLECTION AND REUSE	WW T&C	1/29/2007	1,016	0	0	0	0	0	0	0	405	611	0	0	0	0	0	0
346	10001427	Dedicated Ww - Spanish Waters - Fy 2007	20	209	3502	WW COLLECTION AND REUSE	WW T&C	5/23/2007	489,485	0	0	0	0	0	0	0	195,346	294,139	0	0	0	0	0	0
347	10001428	Dedicated Ww - East Coast Comm Bank - Fy	20	209	3502	WW COLLECTION AND REUSE	WW T&C	10/10/2007	10,320	0	0	0	0	0	0	0	4,119	6,201	0	0	0	0	0	

Appendix 1
City of Ormond Beach
Water and Wastewater System Connection Fee Study

Fixed Asset Data and Asset Functionalization

No.	Asset	Description	Class CD	Subclass	Location	Location Description	Allocation	Date Acquired	Acquired Cost	Water					Wastewater		Reclaimed		Other Plant		Other	
										Supply	Treatment	Transmission	Distribution	Hydrants	Meters	Treatment	Transmission	Collection	Treatment	Transmission		Distribution
391	10001472	Wastewater System Improvements - Fy 1994	20	209	3501	WASTERWATER PLANT	WW Treatment	9/30/1994	580,269	0	0	0	0	0	0	580,269	0	0	0	0	0	0
392	10001473	Wastewater System Improvements - Fy 1993	20	209	3501	WASTERWATER PLANT	WW Treatment	9/30/1993	1,393,476	0	0	0	0	0	0	1,393,476	0	0	0	0	0	0
393	10001474	Wastewater System Improvements - Fy 1991	20	209	3501	WASTERWATER PLANT	WW Treatment	9/30/1991	714,039	0	0	0	0	0	0	714,039	0	0	0	0	0	0
394	10001475	Ww Hcharlie Damage Neptune Ave-A1A Sewer	20	209	3501	WASTERWATER PLANT	WW Treatment	9/24/2004	23,250	0	0	0	0	0	0	23,250	0	0	0	0	0	0
395	10001476	Wastewater System Improvements - Fy 1995	20	209	3501	WASTERWATER PLANT	WW Treatment	9/30/1995	472,790	0	0	0	0	0	0	472,790	0	0	0	0	0	0
396	10001477	Ww System Shipping	20	209	3501	WASTERWATER PLANT	OTHER	7/27/2006	53	0	0	0	0	0	0	0	0	0	0	0	0	53
397	10001478	Ww System 5 Hp Vertical Solid Shaft Pump	20	209	3501	WASTERWATER PLANT	GENERAL	7/27/2006	2,264	0	0	0	0	0	0	0	0	0	0	0	2,264	0
398	10001479	Ww Repair Of Clarifiers #1 & #3 (Res# 20	20	209	3501	WASTERWATER PLANT	WW Treatment	8/2/2006	42,009	0	0	0	0	0	0	42,009	0	0	0	0	0	0
399	10001480	Ww Repair Of Clarifiers #1 & #3 (Res# 20	20	209	3501	WASTERWATER PLANT	WW Treatment	8/2/2006	16,900	0	0	0	0	0	0	16,900	0	0	0	0	0	0
400	10001481	Dedicated Eff Reuse System - Base Asset	20	209	3501	WASTERWATER PLANT	WW Treatment	9/30/1990	0	0	0	0	0	0	0	0	0	0	0	0	0	0
401	10001482	Dedicated Eff Reuse Lines - Breakaway/Ph	20	209	3501	WASTERWATER PLANT	W T&D	9/30/1990	102,600	0	0	30,407	72,193	0	0	0	0	0	0	0	0	0
402	10001483	Dedicated Eff Reuse Lines - Shadow Xings	20	209	3501	WASTERWATER PLANT	W T&D	9/30/1991	191,393	0	0	56,721	134,672	0	0	0	0	0	0	0	0	0
403	10001484	Dedicated Eff Reuse Lines - Breakaway Tr	20	209	3501	WASTERWATER PLANT	W T&D	9/30/1992	135,000	0	0	40,009	94,991	0	0	0	0	0	0	0	0	0
404	10001485	Land Dedicated Eff Reuse Lines - Breakaw	70	701	3502	WW COLLECTION AND REUSE	WW T&C	9/30/1990	3,000	0	0	0	0	0	0	1,197	1,803	0	0	0	0	0
405	10001486	Dedicated Eff Br Trls Ph In-8"" Pvc Mai	20	209	3502	WW COLLECTION AND REUSE	WW T&C	4/20/2001	77,129	0	0	0	0	0	0	30,781	46,348	0	0	0	0	0
406	10001494	Veh 98 Jeep Cherokee 4X4	40	401	3401	SOLID WASTE COLLECTION	OTHER	4/9/1998	20,731	0	0	0	0	0	0	0	0	0	0	0	0	20,731
407	10001644	Ww Wwtp Wastewater Treatment Plant Wilme	20	209	3501	WASTERWATER PLANT	WW Treatment	6/7/1999	0	0	0	0	0	0	0	0	0	0	0	0	0	0
408	10001645	Ww Wwtp Casual Worker Maint Upgrades	20	209	3501	WASTERWATER PLANT	WW Treatment	3/13/1998	347	0	0	0	0	0	0	347	0	0	0	0	0	0
409	10001646	Ww Wwtp Repair Rotating Element	20	209	3501	WASTERWATER PLANT	WW Treatment	8/16/2005	12,755	0	0	0	0	0	0	12,755	0	0	0	0	0	0
410	10001647	Ww Wwtp Facility Upgrade	20	209	3501	WASTERWATER PLANT	WW Treatment	9/30/2000	6,585	0	0	0	0	0	0	6,585	0	0	0	0	0	0
411	10001648	Ww Wwtp Engineering Services Evaluation	20	209	3501	WASTERWATER PLANT	GENERAL	9/13/2005	12,384	0	0	0	0	0	0	0	0	0	0	0	12,384	0
412	10001649	Ww Wwtp Bar Screen Cat Walk	20	209	3501	WASTERWATER PLANT	WW Treatment	9/13/2005	5,800	0	0	0	0	0	0	5,800	0	0	0	0	0	0
413	10001650	Ww Wwtp Cleaning Sand Filtration Chamber	20	209	3501	WASTERWATER PLANT	WW Treatment	9/26/2005	9,860	0	0	0	0	0	0	9,860	0	0	0	0	0	0
414	10001651	Ww Wwtp Allum System Replacement	20	209	3501	WASTERWATER PLANT	WW Treatment	9/30/2005	7,900	0	0	0	0	0	0	7,900	0	0	0	0	0	0
415	10001652	Ww Wwtp Engineering Services Evaluation	20	209	3501	WASTERWATER PLANT	GENERAL	12/29/2005	28,532	0	0	0	0	0	0	0	0	0	0	0	28,532	0
416	10001653	Ww Wwtp Ss Sleeve W/Packing 756.0415.108	20	209	3501	WASTERWATER PLANT	WW Treatment	1/3/2006	1,877	0	0	0	0	0	0	1,877	0	0	0	0	0	0
417	10001654	Ww Wwtp Ss Shaft 728.0515.104	20	209	3501	WASTERWATER PLANT	WW Treatment	1/3/2006	6,479	0	0	0	0	0	0	6,479	0	0	0	0	0	0
418	10001655	Ww Wwtp Engineering Services Evaluation	20	209	3501	WASTERWATER PLANT	GENERAL	2/16/2006	11,875	0	0	0	0	0	0	0	0	0	0	0	11,875	0
419	10001656	Ww Wwtp Engineering Services Evaluation	20	209	3501	WASTERWATER PLANT	GENERAL	1/25/2006	7,396	0	0	0	0	0	0	0	0	0	0	0	7,396	0
420	10001657	Ww Wwtp Engineering Services Evaluation	20	209	3501	WASTERWATER PLANT	GENERAL	5/22/2006	1,069	0	0	0	0	0	0	0	0	0	0	0	1,069	0
421	10001658	Ww Wwtp Repair Clarifiers #1 & #3 (Res#	20	209	3501	WASTERWATER PLANT	WW Treatment	6/9/2006	75,925	0	0	0	0	0	0	75,925	0	0	0	0	0	0
422	10001659	Ww Wwtp Repair Clarifiers #1 & #3 (Res#	20	209	3501	WASTERWATER PLANT	WW Treatment	5/16/2006	34,166	0	0	0	0	0	0	34,166	0	0	0	0	0	0
423	10001660	Ww Wwtp Professional Services	20	209	3501	WASTERWATER PLANT	GENERAL	4/24/2006	2,906	0	0	0	0	0	0	0	0	0	0	0	2,906	0
424	10001661	Ww Wwtp 5 Hp Vertical Solid Shaft Pump M	20	209	3501	WASTERWATER PLANT	GENERAL	6/28/2006	3,396	0	0	0	0	0	0	0	0	0	0	0	3,396	0
425	10001662	Ww Wwtp Shipping	20	209	3501	WASTERWATER PLANT	GENERAL	6/28/2006	108	0	0	0	0	0	0	0	0	0	0	0	108	0
426	10001663	Ww Wwtp Engineering Services Evaluation	20	209	3501	WASTERWATER PLANT	GENERAL	5/22/2006	2,906	0	0	0	0	0	0	0	0	0	0	0	2,906	0
427	10001664	Ww Wwtp Engineering Services Evaluation	20	209	3501	WASTERWATER PLANT	GENERAL	8/21/2006	10,733	0	0	0	0	0	0	0	0	0	0	0	10,733	0
428	10001665	Ww Wwtp Ww Fac & Equipment Painting	20	209	3501	WASTERWATER PLANT	GENERAL	10/10/2000	27,400	0	0	0	0	0	0	0	0	0	0	0	27,400	0
429	10001666	Ww Wwtp Engineering Services Evaluation	20	209	3501	WASTERWATER PLANT	GENERAL	9/28/2006	3,804	0	0	0	0	0	0	0	0	0	0	0	3,804	0
430	10001667	Ww Wwtp Labor & Equip Replace Gear Box	20	209	3501	WASTERWATER PLANT	WW Treatment	7/27/2006	2,300	0	0	0	0	0	0	2,300	0	0	0	0	0	0
431	10001668	Ww Wwtp Rebuild The Gear Box @ Wwtp	20	209	3501	WASTERWATER PLANT	WW Treatment	7/27/2006	10,350	0	0	0	0	0	0	10,350	0	0	0	0	0	0
432	10001669	Ww Wwtp Engineerin Quentin Hampton-4 Inv	20	209	3501	WASTERWATER PLANT	GENERAL	6/5/2008	19,584	0	0	0	0	0	0	0	0	0	0	0	19,584	0
433	10001670	Wtr Well Freight	20	208	3301	WATER PLANT	GENERAL	7/27/2006	30	0	0	0	0	0	0	0	0	0	0	0	30	0
434	10001671	Ww Wwtp Addtl Design Mixing Zone Analysi	20	209	3501	WASTERWATER PLANT	WW Treatment	4/18/2007	5,954	0	0	0	0	0	0	5,954	0	0	0	0	0	0
435	10001672	Ww Wwtp Equip Painting	20	209	3501	WASTERWATER PLANT	GENERAL	2/14/2002	38,997	0	0	0	0	0	0	0	0	0	0	0	38,997	0
436	10001673	Ww Wwtp Painting Payment 2	20	209	3501	WASTERWATER PLANT	GENERAL	4/26/2002	18,873	0	0	0	0	0	0	0	0	0	0	0	18,873	0
437	10001674	Ww Wwtp Grit Snail Belt 44 Cleats	20	209	3501	WASTERWATER PLANT	WW Treatment	9/27/2002	4,214	0	0	0	0	0	0	4,214	0	0	0	0	0	0
438	10001675	Ww Wwtp Keyless Entry W/25 Transmitters	20	209	3501	WASTERWATER PLANT	GENERAL	9/30/2001	5,928	0	0	0	0	0	0	0	0	0	0	0	5,928	0
439	10001676	Ww Wwtp Pump #2	20	209	3501	WASTERWATER PLANT	WW Treatment	11/14/2003	4,489	0	0	0	0	0	0	4,489	0	0	0	0	0	0
440	10001677	Ww Wwtp Floratam Sod	20	209	3501	WASTERWATER PLANT	GENERAL	7/30/2003	86	0	0	0	0	0	0	0	0	0	0	0	86	0
441	10001678	Ww Wwtp Gravel	20	209	3501	WASTERWATER PLANT	GENERAL	6/30/2003	214	0	0	0	0	0	0	0	0	0	0	0	214	0
442	10001679	Ww Wwtp Cable	20	209	3501	WASTERWATER PLANT	GENERAL	2/25/2003	320	0	0	0	0	0	0	0	0	0	0	0	320	0
443	10001680	Ww Wwtp Replacement Vfd Carousel Aerator	20	209	3501	WASTERWATER PLANT	WW Treatment	1/18/2005	4,298	0	0	0	0	0	0	4,298	0	0	0	0	0	0
444	10001681	Ww Wwtp Main Board For Pump# 2 Mainland	20	209	3501	WASTERWATER PLANT	WW Treatment	1/28/2005	1,008	0	0	0	0	0	0	1,008	0	0	0	0	0	0
445	10001682	Ww Wwtp Cl2 & So2 Conversion Wwtp-Res 20	20	209	3501	WASTERWATER PLANT	WW Treatment	4/18/2005	29,000	0	0	0	0	0	0	29,000	0	0	0	0	0	0
446	10001683	Ww Wwtp Conversion Gas Cl2 To Sodium Hyp	20	209	3501	WASTERWATER PLANT	WW Treatment	1/11/2005	41,700	0	0	0	0	0	0	41,700	0	0	0	0	0	0
447	10001684	Ww Wwtp Engineering Services Evaluation	20	209	3501	WASTERWATER PLANT	GENERAL	8/9/2005	20,640	0	0	0	0	0	0	0	0	0	0	0	20,640	0
448	10001685	Ww Wwtp Eqp Centrifuge Chain Replacement	20	209	3501	WASTERWATER PLANT	WW Treatment	9/21/1994	11,961	0	0	0	0	0	0	11,961	0	0	0	0	0	0
449	10001686	Ww Wwtp Control Panel Repr*Replmt Centri	20	209	3501	WASTERWATER PLANT	WW Treatment	4/24/1998	39,930	0	0	0	0	0	0	39,930	0	0	0	0	0	0
450	10001687	Ww Wwtp Pump, Bronze Fitted W/11.25"" Im	20	209	3501	WASTERWATER PLANT	WW Treatment	6/28/2005	2,825	0	0	0	0	0	0	2,825	0	0	0	0	0	0
451	10001688	Ww Wwtp Adder For Type 21 Mechanican Sha	20	209	3501	WASTERWATER PLANT	WW Treatment	6/28/2005	50	0	0	0	0	0	0	50	0	0	0	0	0	0
452	10001689	Ww Wwtp Steel Baseplate W/Drilled & Tapp	20	209	3501	WASTERWATER PLANT	WW Treatment	6/28/2005	495	0	0	0	0	0	0	495	0	0	0	0	0	0
453	10001690	Ww Wwtp Gear Box For Barscreen	20	209	3501	WASTERWATER PLANT	WW Treatment	12/6/2004	5,980	0	0	0	0	0	0	5,980	0	0	0	0	0	0
454	10001691	Ww Wwtp Gear Box For Barscreen	20	209	3501	WASTERWATER PLANT	WW Treatment	12/6/2004	6,183	0	0	0	0	0	0	6,183	0	0	0	0	0	

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Fixed Asset Data and Asset Functionalization

No.	Asset Code	Description	Class CD	Subclass	Location	Location Description	Allocation	Date Acquired	Acquired Cost	Water						Wastewater		Reclaimed			Other Plant		Other	
										Supply	Treatment	Transmission	Distribution	Hydrants	Meters	Treatment	Transmission	Collection	Treatment	Transmission	Distribution	Indirect		General
489	10002403	Lift Sta Misc Flygt Parts / Inv# 075651	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/22/2004	881	0	0	0	0	0	0	0	352	530	0	0	0	0	0	0
490	10002404	Lift Sta Misc Flygt Parts Throughout Cit	20	209	3501	WASTERWATER PLANT	GENERAL	8/13/2006	2,875	0	0	0	0	0	0	0	0	0	0	0	0	0	2,875	0
491	10002405	Lift Sta Misc Flygt Parts Throughout Cit	20	209	3501	WASTERWATER PLANT	GENERAL	7/27/2006	1,608	0	0	0	0	0	0	0	0	0	0	0	0	0	1,608	0
492	10002406	Lift Sta Misc Flygt Parts For Lift Stati	20	209	3502	WW COLLECTION AND REUSE	WW T&C	12/6/2004	591	0	0	0	0	0	0	0	236	355	0	0	0	0	0	0
493	10002407	Lift Sta Misc Flygt Parts - Blanket Po	20	209	3502	WW COLLECTION AND REUSE	WW T&C	12/6/2004	612	0	0	0	0	0	0	0	244	367	0	0	0	0	0	0
494	10002408	Lift Sta Misc Check Valve	20	209	3502	WW COLLECTION AND REUSE	WW T&C	12/8/2004	7,078	0	0	0	0	0	0	0	2,825	4,253	0	0	0	0	0	0
495	10002409	Lift Sta Misc Replace Existing Controlle	20	209	3502	WW COLLECTION AND REUSE	WW T&C	12/22/2004	5,825	0	0	0	0	0	0	0	2,325	3,500	0	0	0	0	0	0
496	10002410	Lift Sta Misc Supplies	20	209	3502	WW COLLECTION AND REUSE	WW T&C	8/19/2004	2,380	0	0	0	0	0	0	0	950	1,430	0	0	0	0	0	0
497	10002411	Lift Sta Misc Metals, Bars, Plates, Rods	20	209	3502	WW COLLECTION AND REUSE	WW T&C	8/11/2004	5,616	0	0	0	0	0	0	0	2,241	3,375	0	0	0	0	0	0
498	10002412	Lift Sta Misc Flygt Parts Throughout Cit	20	209	3501	WASTERWATER PLANT	GENERAL	8/29/2006	2,048	0	0	0	0	0	0	0	0	0	0	0	0	0	2,048	0
499	10002413	Lift Sta Misc Flygt Parts	20	209	3502	WW COLLECTION AND REUSE	WW T&C	6/11/2003	5,520	0	0	0	0	0	0	0	2,203	3,317	0	0	0	0	0	0
500	10002414	Lift Sta Misc Flygt Parts	20	209	3502	WW COLLECTION AND REUSE	WW T&C	6/11/2003	1,413	0	0	0	0	0	0	0	564	849	0	0	0	0	0	0
501	10002415	Lift Sta Misc Flygt Parts	20	209	3502	WW COLLECTION AND REUSE	WW T&C	5/30/2003	4,900	0	0	0	0	0	0	0	1,956	2,944	0	0	0	0	0	0
502	10002416	Lift Sta Misc Flygt Parts	20	209	3502	WW COLLECTION AND REUSE	WW T&C	5/22/2003	231	0	0	0	0	0	0	0	92	139	0	0	0	0	0	0
503	10002417	Lift Sta Misc Flygt Parts	20	209	3502	WW COLLECTION AND REUSE	WW T&C	4/28/2003	1,471	0	0	0	0	0	0	0	587	884	0	0	0	0	0	0
504	10002418	Lift Sta Misc Pump Station Parts	20	209	3502	WW COLLECTION AND REUSE	WW T&C	4/10/2003	687	0	0	0	0	0	0	0	274	413	0	0	0	0	0	0
505	10002419	Lift Sta Misc Pump Station Parts	20	209	3502	WW COLLECTION AND REUSE	WW T&C	4/3/2003	787	0	0	0	0	0	0	0	314	473	0	0	0	0	0	0
506	10002420	Lift Sta Misc Flygt Parts	20	209	3502	WW COLLECTION AND REUSE	WW T&C	2/12/2003	554	0	0	0	0	0	0	0	221	333	0	0	0	0	0	0
507	10002421	Lift Sta Misc Flygt Parts	20	209	3502	WW COLLECTION AND REUSE	WW T&C	1/3/2003	500	0	0	0	0	0	0	0	200	300	0	0	0	0	0	0
508	10002422	Lift Sta Misc Flygt Parts	20	209	3502	WW COLLECTION AND REUSE	WW T&C	10/31/2002	3,579	0	0	0	0	0	0	0	1,428	2,151	0	0	0	0	0	0
509	10002423	Lift Sta Misc E/One Grinder Pump Station	20	209	3502	WW COLLECTION AND REUSE	WW T&C	5/12/2004	13,000	0	0	0	0	0	0	0	5,188	7,812	0	0	0	0	0	0
510	10002424	Lift Sta Misc Flygt Parts - Blanket Po	20	209	3502	WW COLLECTION AND REUSE	WW T&C	1/5/2005	1,570	0	0	0	0	0	0	0	627	944	0	0	0	0	0	0
511	10002425	Lift Sta Misc Flygt Parts - Blanket Po	20	209	3502	WW COLLECTION AND REUSE	WW T&C	1/31/2005	1,750	0	0	0	0	0	0	0	699	1,052	0	0	0	0	0	0
512	10002426	Lift Sta Misc Flygt Parts - Blanket Po	20	209	3502	WW COLLECTION AND REUSE	WW T&C	1/31/2005	5,724	0	0	0	0	0	0	0	2,284	3,440	0	0	0	0	0	0
513	10002427	Lift Sta Misc 6"" Flygt Submersible Ww P	20	209	3502	WW COLLECTION AND REUSE	WW T&C	3/7/2005	18,664	0	0	0	0	0	0	0	7,449	11,215	0	0	0	0	0	0
514	10002428	Lift Sta Misc 50 Hp Us 3 Phase Motor	20	209	3502	WW COLLECTION AND REUSE	WW T&C	3/9/2005	974	0	0	0	0	0	0	0	389	585	0	0	0	0	0	0
515	10002429	Lift Sta Misc Flygt Parts - Blanket Po	20	209	3502	WW COLLECTION AND REUSE	WW T&C	3/21/2005	5,145	0	0	0	0	0	0	0	2,053	3,092	0	0	0	0	0	0
516	10002430	Lift Sta Misc Flygt Parts - Blanket Po	20	209	3502	WW COLLECTION AND REUSE	WW T&C	4/7/2005	359	0	0	0	0	0	0	0	143	216	0	0	0	0	0	0
517	10002431	Lift Sta Misc Flygt Parts - Blanket Po	20	209	3502	WW COLLECTION AND REUSE	WW T&C	4/7/2005	2,808	0	0	0	0	0	0	0	1,121	1,687	0	0	0	0	0	0
518	10002432	Lift Sta Misc Flygt Parts - Blanket Po	20	209	3502	WW COLLECTION AND REUSE	WW T&C	4/20/2005	1,331	0	0	0	0	0	0	0	531	800	0	0	0	0	0	0
519	10002433	Lift Sta Misc Flygt Parts - Blanket Po	20	209	3502	WW COLLECTION AND REUSE	WW T&C	4/20/2005	342	0	0	0	0	0	0	0	136	205	0	0	0	0	0	0
520	10002434	Lift Sta Misc Flygt Parts - Blanket Po	20	209	3502	WW COLLECTION AND REUSE	WW T&C	5/12/2005	3,020	0	0	0	0	0	0	0	1,205	1,815	0	0	0	0	0	0
521	10002435	Lift Sta Misc Flygt Parts - Blanket Po	20	209	3502	WW COLLECTION AND REUSE	WW T&C	6/1/2005	3,145	0	0	0	0	0	0	0	1,255	1,890	0	0	0	0	0	0
522	10002436	Lift Sta Misc Flygt Parts - Blanket Po	20	209	3502	WW COLLECTION AND REUSE	WW T&C	6/8/2005	1,599	0	0	0	0	0	0	0	638	961	0	0	0	0	0	0
523	10002437	Lift Sta Misc Flygt Parts - Blanket Po	20	209	3502	WW COLLECTION AND REUSE	WW T&C	6/8/2005	1,709	0	0	0	0	0	0	0	682	1,027	0	0	0	0	0	0
524	10002438	Lift Sta Misc Flygt Parts	20	209	3502	WW COLLECTION AND REUSE	WW T&C	7/18/2005	3,366	0	0	0	0	0	0	0	1,343	2,023	0	0	0	0	0	0
525	10002439	Lift Sta Misc Flygt Parts	20	209	3502	WW COLLECTION AND REUSE	WW T&C	7/18/2005	622	0	0	0	0	0	0	0	248	374	0	0	0	0	0	0
526	5																							

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No.	Asset Code	Description	Class CD	Subclass	Location	Location Description	Allocation	Date Acquired	Acquired Cost	Water						Wastewater			Reclaimed		Other Plant				
										Supply	Treatment	Transmission	Distribution	Hydrants	Meters	Treatment	Transmission	Collection	Treatment	Transmission	Distribution	Indirect	General	Other	
587	10002504	Task*Plan Review	20	209	3501	WASTERWATER PLANT	GENERAL	8/2/2000	697	0	0	0	0	0	0	0	0	0	0	0	0	0	697	0	
588	10002505	Prof Serv	20	208	3301	WATER PLANT	GENERAL	10/21/2000	64,893	0	0	0	0	0	0	0	0	0	0	0	0	0	64,893	0	
589	10002506	Prof Services Thru 12/30/00	20	209	3501	WASTERWATER PLANT	GENERAL	1/19/2001	58,883	0	0	0	0	0	0	0	0	0	0	0	0	0	58,883	0	
590	10002507	Sewer Permit Fee	20	209	3501	WASTERWATER PLANT	GENERAL	3/27/2001	300	0	0	0	0	0	0	0	0	0	0	0	0	0	300	0	
591	10002508	Water Permit Fee	20	209	3501	WASTERWATER PLANT	GENERAL	3/27/2001	500	0	0	0	0	0	0	0	0	0	0	0	0	0	500	0	
592	10002509	Right Of Way Permit Fee	20	209	3501	WASTERWATER PLANT	GENERAL	3/27/2001	325	0	0	0	0	0	0	0	0	0	0	0	0	0	325	0	
593	10002510	Prof Services	20	209	3501	WASTERWATER PLANT	GENERAL	8/25/2001	2,707	0	0	0	0	0	0	0	0	0	0	0	0	0	2,707	0	
594	10002511	Prof Services	20	208	3301	WATER PLANT	GENERAL	9/29/2001	691	0	0	0	0	0	0	0	0	0	0	0	0	0	691	0	
595	10002512	Prof Services	20	209	3501	WASTERWATER PLANT	GENERAL	9/29/2001	691	0	0	0	0	0	0	0	0	0	0	0	0	0	691	0	
596	10002513	Nova Rd Utility Relocation - Reclass Cit	20	208	3301	WATER PLANT	W T&D	9/28/2001	2,265,262	0	0	671,334	1,593,927	0	0	0	0	0	0	0	0	0	0	0	0
597	10002514	Prof Services	20	208	3301	WATER PLANT	GENERAL	12/6/2001	432	0	0	0	0	0	0	0	0	0	0	0	0	0	432	0	
598	10002515	Prof Services	20	209	3501	WASTERWATER PLANT	GENERAL	12/6/2001	432	0	0	0	0	0	0	0	0	0	0	0	0	0	432	0	
599	10002516	Prof Services	20	208	3301	WATER PLANT	GENERAL	3/6/2002	4,320	0	0	0	0	0	0	0	0	0	0	0	0	0	4,320	0	
600	10002517	Pipe Was Not Shown On Plans, Was In Conf	20	208	3301	WATER PLANT	GENERAL	4/12/2004	2,200	0	0	0	0	0	0	0	0	0	0	0	0	0	2,200	0	
601	10002518	Nova Road Utility Relocation	20	208	3301	WATER PLANT	W T&D	5/3/2004	691	0	0	205	486	0	0	0	0	0	0	0	0	0	0	0	0
602	10002519	As Built Copies	20	208	3301	WATER PLANT	GENERAL	5/10/2004	110	0	0	0	0	0	0	0	0	0	0	0	0	0	110	0	
603	10002520	Prof Services	20	208	3301	WATER PLANT	GENERAL	9/8/2003	173	0	0	0	0	0	0	0	0	0	0	0	0	0	173	0	
604	10002521	Prof Services	20	208	3301	WATER PLANT	GENERAL	7/18/2003	518	0	0	0	0	0	0	0	0	0	0	0	0	0	518	0	
605	10002522	Engin. Services	20	208	3301	WATER PLANT	GENERAL	5/2/2003	1,210	0	0	0	0	0	0	0	0	0	0	0	0	0	1,210	0	
606	10002523	Prof Services	20	208	3301	WATER PLANT	GENERAL	2/7/2003	518	0	0	0	0	0	0	0	0	0	0	0	0	0	518	0	
607	10002524	Prof Services	20	208	3301	WATER PLANT	GENERAL	1/11/2003	691	0	0	0	0	0	0	0	0	0	0	0	0	0	691	0	
608	10002525	Eng Services	20	208	3301	WATER PLANT	GENERAL	10/26/2002	518	0	0	0	0	0	0	0	0	0	0	0	0	0	518	0	
609	10002526	Plan Copies	20	209	3501	WASTERWATER PLANT	GENERAL	4/22/2003	41	0	0	0	0	0	0	0	0	0	0	0	0	0	41	0	
610	10002527	Copies	20	209	3501	WASTERWATER PLANT	GENERAL	3/7/2003	102	0	0	0	0	0	0	0	0	0	0	0	0	0	102	0	
611	10002528	Install Reuse Services Dept Of Fina	20	209	3501	WASTERWATER PLANT	GENERAL	4/14/2003	50,000	0	0	0	0	0	0	0	0	0	0	0	0	0	50,000	0	
612	10002529	Lift Sta 6P - 350 John Anderson Drive	20	209	3502	WW COLLECTION AND REUSE	WW T&C	7/8/1998	12,621	0	0	0	0	0	0	0	5,037	7,584	0	0	0	0	0	0	0
613	10002530	Lift Sta 6P Improvements	20	209	3502	WW COLLECTION AND REUSE	WW T&C	7/8/1998	12,621	0	0	0	0	0	0	0	5,037	7,584	0	0	0	0	0	0	0
614	10002531	Lift Sta 6P Improvements	20	209	3502	WW COLLECTION AND REUSE	WW T&C	11/25/1999	4,814	0	0	0	0	0	0	0	1,921	2,893	0	0	0	0	0	0	0
615	10002532	Lift Sta 8M - 680 N Nova Rd (By Railroad	20	209	3502	WW COLLECTION AND REUSE	WW T&C	4/30/1998	113,901	0	0	0	0	0	0	0	45,456	68,445	0	0	0	0	0	0	0
616	10002533	Effluent Reuse Breakaway Trails/ Raw Wat	20	209	3501	WASTERWATER PLANT	WW T&C	2/23/1998	70,590	0	0	0	0	0	0	0	28,171	42,418	0	0	0	0	0	0	0
617	10002534	Breakaway Stormwater Ponds	20	209	3501	WASTERWATER PLANT	GENERAL	8/15/2000	8,427	0	0	0	0	0	0	0	0	0	0	0	0	0	8,427	0	
618	10002535	Effluent Misc Supplies	20	209	3501	WASTERWATER PLANT	GENERAL	6/30/2000	1,532	0	0	0	0	0	0	0	0	0	0	0	0	0	1,532	0	
619	10002536	Stormwater Ponds	20	209	3501	WASTERWATER PLANT	GENERAL	1/4/2001	15,286	0	0	0	0	0	0	0	0	0	0	0	0	0	15,286	0	
620	10002537	Stormwater Ponds	20	209	3502	WW COLLECTION AND REUSE	OTHER	4/20/2001	3,450	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,450
621	10002538	Consumptive Use Permit	20	208	3301	WATER PLANT	GENERAL	3/5/2001	38,760	0	0	0	0	0	0	0	0	0	0	0	0	0	38,760	0	
622	10002539	Cup Project	20	208	3301	WATER PLANT	GENERAL	7/6/2001	1,000	0	0	0	0	0	0	0	0	0	0	0	0	0	1,000	0	
623	10002540	Consumptive Use Permit/Cup	20	208	3301	WATER PLANT	GENERAL	9/29/2001	3,086	0	0	0	0	0	0	0	0	0	0	0	0	0	3,086	0	
624	10002541	Misc Supplies	20	209	3502	WW COLLECTION AND REUSE	GENERAL	12/14/2001	302	0	0	0	0	0	0	0	0	0	0	0	0	0	302	0	
625	10002542	Misc Supplies	20	209	3502	WW COLLECTION AND REUSE	GENERAL	12/11/2001																	

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No.	Asset Code	Description	Class CD	Subclass	Location	Location Description	Allocation	Date Acquired	Acquired Cost	Water						Wastewater			Reclaimed		Other Plant			
										Supply	Treatment	Transmission	Distribution	Hydrants	Meters	Treatment	Transmission	Collection	Treatment	Transmission	Distribution	Indirect	General	Other
685	10002602	Fed Ex	20	209	3501	WASTERWATER PLANT	OTHER	11/26/2002	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
686	10002603	Breakaway Trails Surface Water Alt Irr S	20	209	3501	WASTERWATER PLANT	WW T&C	8/10/2004	876	0	0	0	0	0	0	0	350	526	0	0	0	0	0	0
687	10002604	Male Adpt., Union, Ell	20	209	3502	WW COLLECTION AND REUSE	GENERAL	7/1/2004	248	0	0	0	0	0	0	0	0	0	0	0	0	0	248	0
688	10002605	Brkaway Trls Irr/Fire System Data Collect	20	209	3501	WASTERWATER PLANT	GENERAL	12/11/1997	17,245	0	0	0	0	0	0	0	0	0	0	0	0	0	17,245	0
689	10002606	Fed Ex	20	209	3501	WASTERWATER PLANT	OTHER	10/27/2004	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
690	10002607	Breakaway Trails Surface Water Alt Irr S	20	209	3501	WASTERWATER PLANT	WW T&C	6/7/2005	1,252	0	0	0	0	0	0	0	500	752	0	0	0	0	0	0
691	10002620	Eqp Laser Shaft Alignment Kit	30	309	3501	WASTERWATER PLANT	GENERAL	4/14/1999	5,749	0	0	0	0	0	0	0	0	0	0	0	0	0	5,749	0
692	10002621	Eqp Hoist W/Accessories	30	309	3501	WASTERWATER PLANT	GENERAL	4/20/1999	12,988	0	0	0	0	0	0	0	0	0	0	0	0	0	12,988	0
693	10002627	Eqp Boring Tool W/Accessories	30	309	3302	WATER DISTRIBUTION	GENERAL	11/18/1998	6,759	0	0	0	0	0	0	0	0	0	0	0	0	0	6,759	0
694	10002628	Rst 99 Case 938G Caterpillar	30	303	3401	SOLID WASTE COLLECTION	OTHER	6/25/1999	146,464	0	0	0	0	0	0	0	0	0	0	0	0	0	0	146,464
695	10002855	Williamson Blvd Project	20	208	3301	WATER PLANT	W T&D	8/30/1998	8,364	0	0	2,479	5,885	0	0	0	0	0	0	0	0	0	0	0
696	10002957	Sludge Handling/Water Aeration System	20	208	3301	WATER PLANT	WW Treatment	3/18/2000	3,737	0	0	0	0	0	0	3,737	0	0	0	0	0	0	0	0
697	10002958	Sludge Handling And Aeration System	20	208	3301	WATER PLANT	WW Treatment	2/23/2001	80,089	0	0	0	0	0	0	80,089	0	0	0	0	0	0	0	0
698	10002959	Prof Serv	20	208	3301	WATER PLANT	GENERAL	1/31/2001	2,610	0	0	0	0	0	0	0	0	0	0	0	0	0	2,610	0
699	10002960	Legal Ad	20	208	3301	WATER PLANT	GENERAL	2/4/2001	74	0	0	0	0	0	0	0	0	0	0	0	0	0	74	0
700	10002961	Permit Fee	20	208	3301	WATER PLANT	GENERAL	1/10/2001	500	0	0	0	0	0	0	0	0	0	0	0	0	0	500	0
701	10002962	Sludge Handling And Aeration Upgrade	20	208	3301	WATER PLANT	WW Treatment	1/23/2001	14,753	0	0	0	0	0	0	14,753	0	0	0	0	0	0	0	0
702	10002963	Pmt #1	20	208	3301	WATER PLANT	GENERAL	11/27/2001	25,823	0	0	0	0	0	0	0	0	0	0	0	0	0	25,823	0
703	10002964	Payment #2	20	208	3301	WATER PLANT	W Treatment	12/31/2001	19,155	0	19,155	0	0	0	0	0	0	0	0	0	0	0	0	0
704	10002965	Prof Services	20	208	3301	WATER PLANT	GENERAL	3/25/2002	60,326	0	0	0	0	0	0	0	0	0	0	0	0	0	60,326	0
705	10002966	Prof Services	20	208	3301	WATER PLANT	GENERAL	5/31/2002	120,718	0	0	0	0	0	0	0	0	0	0	0	0	0	120,718	0
706	10002967	Improv.	20	208	3301	WATER PLANT	W Treatment	9/30/2002	19,779	0	19,779	0	0	0	0	0	0	0	0	0	0	0	0	0
707	10002968	Replace Aurora Pump	30	305	3301	WATER PLANT	W Treatment	7/9/2003	8,375	0	8,375	0	0	0	0	0	0	0	0	0	0	0	0	0
708	10002969	Engin. Services	20	208	3301	WATER PLANT	GENERAL	5/1/2003	21,850	0	0	0	0	0	0	0	0	0	0	0	0	0	21,850	0
709	10002970	Pmt #15	20	208	3301	WATER PLANT	GENERAL	3/31/2003	12,368	0	0	0	0	0	0	0	0	0	0	0	0	0	12,368	0
710	10002971	Engin. Services	20	208	3301	WATER PLANT	GENERAL	2/21/2003	4,215	0	0	0	0	0	0	0	0	0	0	0	0	0	4,215	0
711	10002972	Engin. Services	20	208	3301	WATER PLANT	GENERAL	2/14/2003	23,227	0	0	0	0	0	0	0	0	0	0	0	0	0	23,227	0
712	10002973	Pmt #14	20	208	3301	WATER PLANT	GENERAL	12/20/2002	6,871	0	0	0	0	0	0	0	0	0	0	0	0	0	6,871	0
713	10002974	Pmt #13	20	208	3301	WATER PLANT	GENERAL	11/26/2002	8,850	0	0	0	0	0	0	0	0	0	0	0	0	0	8,850	0
714	10002975	Pmt #12	20	208	3301	WATER PLANT	GENERAL	10/31/2002	22,475	0	0	0	0	0	0	0	0	0	0	0	0	0	22,475	0
715	10002976	Eng Services	20	208	3301	WATER PLANT	GENERAL	8/26/2002	6,323	0	0	0	0	0	0	0	0	0	0	0	0	0	6,323	0
716	10002977	Ww Pep Tanks & Misc Parts	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	11/15/1999	117,501	0	0	0	0	0	0	0	0	117,501	0	0	0	0	0	0
717	10002978	Pep Tank Pumps*130	20	209	3501	WASTERWATER PLANT	WW Treatment	9/30/1998	20,180	0	0	0	0	0	0	20,180	0	0	0	0	0	0	0	0
718	10002979	10 1050 Gal Pep Tank 16"" Pump	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	1/3/2002	9,720	0	0	0	0	0	0	0	0	9,720	0	0	0	0	0	0
719	10002980	Pep Tank/5	20	209	3501	WASTERWATER PLANT	WW Treatment	10/25/1993	5,705	0	0	0	0	0	0	5,705	0	0	0	0	0	0	0	0
720	10002981	Pep Tanks W/ Pumps*5	20	209	3501	WASTERWATER PLANT	WW Treatment	4/28/1994	6,135	0	0	0	0	0	0	6,135	0	0	0	0	0	0	0	0
721	10002982	Pep Tanks W/ Pumps/6	20	209	3501	WASTERWATER PLANT	WW Treatment	3/25/1994	6,426	0	0	0	0	0	0	6,426	0	0	0	0	0	0	0	0
722	10002983	Pep Tanks W/Pumps/5	20	209	3501	WASTERWATER PLANT	WW Treatment	3/15/1994	6,310	0	0	0	0	0	0	6,310	0	0	0	0	0	0	0	0
723	10002984	Pep Tanks W/Pumps/5	20	209	3501	WASTERWATER PLANTER																		

Appendix I
City of Ormond Beach
Water and Wastewater System Connection Fee Study

Fixed Asset Data and Asset Functionalization

No.	Asset Code	Description	Class CD	Subclass	Location	Location Description	Allocation	Date Acquired	Acquired Cost	Water						Wastewater			Reclaimed		Other Plant		Other	
										Supply	Treatment	Transmission	Distribution	Hydrants	Meters	Treatment	Transmission	Collection	Treatment	Transmission	Distribution	Indirect		General
783	10003044	Float Set For Tsurumi Pep Tank Pump	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	3/23/2006	352	0	0	0	0	0	0	0	0	352	0	0	0	0	0	0
784	10003045	Freight	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	3/23/2006	10	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0
785	10003046	Pep Pumps - New Installations	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	3/29/2006	6,900	0	0	0	0	0	0	0	0	6,900	0	0	0	0	0	0
786	10003047	Pep Tanks - New Installation	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	1/27/2006	7,275	0	0	0	0	0	0	0	0	7,275	0	0	0	0	0	0
787	10003048	Pep Pumps - New Installs	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	1/25/2006	6,900	0	0	0	0	0	0	0	0	6,900	0	0	0	0	0	0
788	10003049	Equip Maint & Repair Serv	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	3/22/2006	7,275	0	0	0	0	0	0	0	0	7,275	0	0	0	0	0	0
789	10003050	Equip Maint & Repair	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	1/4/2006	7,275	0	0	0	0	0	0	0	0	7,275	0	0	0	0	0	0
790	10003051	Pep Tanks - New Installation	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	6/19/2006	2,425	0	0	0	0	0	0	0	0	2,425	0	0	0	0	0	0
791	10003052	(2) 120V E/One Model 2010-61 Grinder Pum	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	6/28/2006	3,704	0	0	0	0	0	0	0	0	3,704	0	0	0	0	0	0
792	10003053	(5) Complete 120V E/One Model 2010-61 Gr	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	6/28/2006	17,050	0	0	0	0	0	0	0	0	17,050	0	0	0	0	0	0
793	10003054	Irr. Materials	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	5/26/2006	499	0	0	0	0	0	0	0	0	499	0	0	0	0	0	0
794	10003055	Irr. Materials	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	5/16/2006	99	0	0	0	0	0	0	0	0	99	0	0	0	0	0	0
795	10003056	New Pep Tanks Under Res# 2006-123	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	8/1/2006	7,275	0	0	0	0	0	0	0	0	7,275	0	0	0	0	0	0
796	10003057	New Pep Tanks Under Res# 2006-123	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	8/9/2006	7,275	0	0	0	0	0	0	0	0	7,275	0	0	0	0	0	0
797	10003058	New Pep Tanks Under Res# 2006-123	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	8/16/2006	7,275	0	0	0	0	0	0	0	0	7,275	0	0	0	0	0	0
798	10003059	New Pep Tanks Under Res# 2006-123	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	8/29/2006	2,425	0	0	0	0	0	0	0	0	2,425	0	0	0	0	0	0
799	10003060	Pep Pump Replacements & Rehabs	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	7/27/2006	10,350	0	0	0	0	0	0	0	0	10,350	0	0	0	0	0	0
800	10003061	New Pep Tanks Under Res# 2006-123	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	8/29/2006	4,684	0	0	0	0	0	0	0	0	4,684	0	0	0	0	0	0
801	10003062	Repair Pep Tanks	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	8/16/2006	1,380	0	0	0	0	0	0	0	0	1,380	0	0	0	0	0	0
802	10003063	Irrigation Pipes For Pep Tanks	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	8/4/2006	410	0	0	0	0	0	0	0	0	410	0	0	0	0	0	0
803	10003064	Repair Pep Tanks	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	7/28/2006	6,900	0	0	0	0	0	0	0	0	6,900	0	0	0	0	0	0
804	10003065	Irrigation Pipes For Pep Tanks	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	7/12/2006	499	0	0	0	0	0	0	0	0	499	0	0	0	0	0	0
805	10003066	Ww Pep Tank Parts - FI Irrigation - 2 In	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	12/18/2007	484	0	0	0	0	0	0	0	0	484	0	0	0	0	0	0
806	10003067	Ww Pep Tank Pump Replacements - Lucas Te	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	5/23/2008	13,978	0	0	0	0	0	0	0	0	13,978	0	0	0	0	0	0
807	10003068	Ww Pep Tank Parts - Water Resource - 3 I	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	5/21/2008	4,449	0	0	0	0	0	0	0	0	4,449	0	0	0	0	0	0
808	10003069	Ww Pep Tank Parts - Florida Irrigat - 2	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	6/18/2008	557	0	0	0	0	0	0	0	0	557	0	0	0	0	0	0
809	10003070	Ww Pep Tank Replcmnt Parts - Alpha Gen	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	1/17/2008	21,225	0	0	0	0	0	0	0	0	21,225	0	0	0	0	0	0
810	10003071	Ww Pep Tanks - Lucas Tech - 1 Invoice	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	10/23/2007	6,900	0	0	0	0	0	0	0	0	6,900	0	0	0	0	0	0
811	10003072	Ww Pep Tank Parts - Water Resource - 2 I	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	10/19/2007	1,181	0	0	0	0	0	0	0	0	1,181	0	0	0	0	0	0
812	10003073	Ww Pep Tanks - Lucas Tech - 1 Invoice	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	11/13/2006	6,900	0	0	0	0	0	0	0	0	6,900	0	0	0	0	0	0
813	10003074	Ww Pep Tank E-One Part- Water Resource -	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	1/1/2007	996	0	0	0	0	0	0	0	0	996	0	0	0	0	0	0
814	10003075	Ww Pep Tanks & Parts - Multi-Vendors -	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	5/31/2007	36,628	0	0	0	0	0	0	0	0	36,628	0	0	0	0	0	0
815	10003076	Ww Pep Tanks & Parts - Multi-Vendors -1	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	9/10/2007	34,673	0	0	0	0	0	0	0	0	34,673	0	0	0	0	0	0
816	10003077	Ww Pep Tank & Parts Multi Vendors - Mult	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION AND REUSE	9/17/2007	50,530	0	0	0	0	0	0	0	0	50,530	0	0	0	0	0	0
817	10003078	Tank-Leeway Elevated Water Tank - 301 Le	20	208	3301	WATER PLANT	W Treatment	6/1/2000	43,122	0	43,122	0	0	0	0	0	0	0	0	0	0	0	0	0
818	10003079	Tomoka*Leeway*Breakaway	20	208	3301	WATER PLANT	W Treatment	9/1/2000	14,374	0	14,374	0	0	0	0	0	0	0	0	0	0	0	0	0
819	10003080	Quarterly Water Tank Maint	20	208	3301	WATER PLANT	GENERAL	3/1/2001	43,122	0	0	0	0	0	0	0	0	0	0	0	0	43,122	0	0
820	10003081	</																						

Appendix 1
City of Ormond Beach
Water and Wastewater System Connection Fee Study

Fixed Asset Data and Asset Functionalization

No.	Asset Code	Description	Class CD	Subclass	Location	Location Description	Allocation	Date Acquired	Acquired Cost	Water					Wastewater		Reclaimed		Other Plant				
										Supply	Treatment	Transmission	Distribution	Hydrants	Meters	Treatment	Transmission	Collection	Treatment	Transmission	Distribution	Indirect	General
881	10003142	Wtr Mtr 6"" Hp Prot Iii 6 Wh Gallon Enco	20	208	3301	WATER PLANT	W METERS	2/25/2004	118	0	0	0	0	0	118	0	0	0	0	0	0	0	0
882	10003143	Wtr 10"" Hp Port Iii 6 Wh Gallon Encoder	20	208	3301	WATER PLANT	W METERS	2/25/2004	59	0	0	0	0	0	59	0	0	0	0	0	0	0	0
883	10003144	Wtr Mtr 8"" Hp Prot Iii 6 Wh Gallon Enco	20	208	3301	WATER PLANT	W METERS	2/25/2004	118	0	0	0	0	0	118	0	0	0	0	0	0	0	0
884	10003145	Wtr Mtr 3"" Tt Turbine 6 Wh Gallon Enco	20	208	3301	WATER PLANT	W METERS	2/25/2004	118	0	0	0	0	0	118	0	0	0	0	0	0	0	0
885	10003146	Wtr Mtr 6"" Tt Turine 6 Wh Gallon Enco	20	208	3301	WATER PLANT	W METERS	2/25/2004	118	0	0	0	0	0	118	0	0	0	0	0	0	0	0
886	10003147	Wtr Mtr 4"" Tt Turbine 6 Wh Gallon Enco	20	208	3301	WATER PLANT	W METERS	2/25/2004	118	0	0	0	0	0	118	0	0	0	0	0	0	0	0
887	10003148	Wtr Mtr 2"" 6 Wh Gallon Encoder	20	208	3301	WATER PLANT	W METERS	2/25/2004	220	0	0	0	0	0	220	0	0	0	0	0	0	0	0
888	10003149	Wtr Mtr Neptune R900 V2 Miu W/6' Cable	20	208	3301	WATER PLANT	W METERS	3/2/2004	5,500	0	0	0	0	0	5,500	0	0	0	0	0	0	0	0
889	10003150	Wtr Mtr Neptune, 5/8""X3/4"" Manual Read	20	208	3301	WATER PLANT	W METERS	3/2/2004	2,400	0	0	0	0	0	2,400	0	0	0	0	0	0	0	0
890	10003151	Wtr Mtr 5/8""X3/4"" T10 Proread Pl/Bttm	20	208	3301	WATER PLANT	W METERS	5/3/2004	73,830	0	0	0	0	0	73,830	0	0	0	0	0	0	0	0
891	10003152	Wtr Mtr 5/8""X3/4"" T10 Proread Pl/Bttm	20	208	3301	WATER PLANT	W METERS	5/3/2004	8,121	0	0	0	0	0	8,121	0	0	0	0	0	0	0	0
892	10003153	Wtr Mtr 3/4"" Meter Expanders Ec-23	20	208	3301	WATER PLANT	W METERS	5/12/2004	2,715	0	0	0	0	0	2,715	0	0	0	0	0	0	0	0
893	10003154	Wtr Mtr B94-324W 1"" Cts Pj X 3/4"" Mete	20	208	3301	WATER PLANT	W METERS	5/12/2004	1,998	0	0	0	0	0	1,998	0	0	0	0	0	0	0	0
894	10003155	Wtr Mtr 5/8""X3/4"" T10 Proread Pl/Bttm	20	208	3301	WATER PLANT	W METERS	5/12/2004	29,800	0	0	0	0	0	29,800	0	0	0	0	0	0	0	0
895	10003156	Wtr Mtr 1"" 4 Wh Gallon Encoder	20	208	3301	WATER PLANT	W METERS	2/25/2004	220	0	0	0	0	0	220	0	0	0	0	0	0	0	0
896	10003157	Wtr Mtr 5/8"" X 3/4"" Manual Read Water	20	208	3301	WATER PLANT	W METERS	11/14/2003	2,400	0	0	0	0	0	2,400	0	0	0	0	0	0	0	0
897	10003158	Wtr Mtr 5/8"" X 3/4"" T10 Bb Proread Wir	20	208	3301	WATER PLANT	W METERS	7/7/2004	2,214	0	0	0	0	0	2,214	0	0	0	0	0	0	0	0
898	10003159	Wtr Mtr R900 V2 Pit Miu W/6' Cable	20	208	3301	WATER PLANT	W METERS	7/7/2004	5,500	0	0	0	0	0	5,500	0	0	0	0	0	0	0	0
899	10003160	Wtr Mtr 5/8""X3/4"" T10 Proread Pl/Bttm	20	208	3301	WATER PLANT	W METERS	7/7/2004	44,700	0	0	0	0	0	44,700	0	0	0	0	0	0	0	0
900	10003161	Wtr Mtr 3/4"" Meter Expanders For 3/4""	20	208	3301	WATER PLANT	W METERS	8/2/2004	6,100	0	0	0	0	0	6,100	0	0	0	0	0	0	0	0
901	10003162	Wtr Mtr Rhino.10X15 Box Lid W/Proread/R9	20	208	3301	WATER PLANT	W METERS	8/30/2004	11,235	0	0	0	0	0	11,235	0	0	0	0	0	0	0	0
902	10003163	Wtr Mtr Supplies	20	208	3301	WATER PLANT	W METERS	1/28/2004	18	0	0	0	0	0	18	0	0	0	0	0	0	0	0
903	10003164	Wtr Mtr 2"" Meter Flang Kits	20	208	3301	WATER PLANT	W METERS	1/7/2004	488	0	0	0	0	0	488	0	0	0	0	0	0	0	0
904	10003165	Wtr Mtr Nuts & Bolts	20	208	3301	WATER PLANT	W METERS	1/6/2004	235	0	0	0	0	0	235	0	0	0	0	0	0	0	0
905	10003166	Wtr Mtr 30 10"" Plastic Valve Boxes	20	208	3301	WATER PLANT	W METERS	12/11/2003	293	0	0	0	0	0	293	0	0	0	0	0	0	0	0
906	10003167	Wtr Mtr Concrete Meter Vault	20	208	3301	WATER PLANT	W METERS	2/18/2003	3,974	0	0	0	0	0	3,974	0	0	0	0	0	0	0	0
907	10003168	Wtr Mtr Meter Boxes	20	208	3301	WATER PLANT	W METERS	12/11/2002	6,075	0	0	0	0	0	6,075	0	0	0	0	0	0	0	0
908	10003169	Wtr Mtr Large Meter Parts	20	208	3301	WATER PLANT	W METERS	11/14/2002	50	0	0	0	0	0	50	0	0	0	0	0	0	0	0
909	10003170	Wtr Mtr Repair Clamps	20	208	3301	WATER PLANT	W METERS	11/11/2002	310	0	0	0	0	0	310	0	0	0	0	0	0	0	0
910	10003171	Wtr Mtr Large Meter Testing Materials	20	208	3301	WATER PLANT	W METERS	10/23/2002	167	0	0	0	0	0	167	0	0	0	0	0	0	0	0
911	10003172	Wtr Mtr Touch Read Meters	20	208	3301	WATER PLANT	W METERS	10/23/2002	13,868	0	0	0	0	0	13,868	0	0	0	0	0	0	0	0
912	10003173	Wtr Mtr Male Adapters	20	208	3301	WATER PLANT	W METERS	10/14/2002	357	0	0	0	0	0	357	0	0	0	0	0	0	0	0
913	10003174	Wtr Mtr Large Meter Box	20	208	3301	WATER PLANT	W METERS	10/10/2002	420	0	0	0	0	0	420	0	0	0	0	0	0	0	0
914	10003175	Wtr Mtr Male Adapter	20	208	3301	WATER PLANT	W METERS	10/10/2002	36	0	0	0	0	0	36	0	0	0	0	0	0	0	0
915	10003176	Wtr Mtr Commercial Meter Replacement	20	208	3301	WATER PLANT	W METERS	9/24/2003	117,647	0	0	0	0	0	117,647	0	0	0	0	0	0	0	0
916	10003177	Wtr Mtr Residential Meter Replacement	20	208	3301	WATER PLANT	W METERS	9/23/2003	197,603	0	0	0	0	0	197,603	0	0	0	0	0	0	0	0
917	10003178	Wtr Mtr Handheld Fld Programmer	20	208	3301	WATER PLANT	W METERS	9/11/2003	17,550	0	0	0	0	0	17,550	0	0	0	0	0	0	0	0
918	10003179	Wtr Mtr Sod For Replacement Areas Damage	20	208	3301	WATER PLANT	W METERS	9/3/2003	86	0	0	0	0	0	86	0	0	0	0	0	0	0	0
919	10003180	Wtr Mtr Cement And Rocks	20	208	3301	WATER PLANT	W METERS	8/29/2003	156	0	0	0	0	0	156	0	0	0	0	0	0	0	0
920	10003181	Wtr Mtr Supplies & Parts For Meters	20	208	3301	WATER PLANT	W METERS	10/10/2002	1,578	0	0	0	0	0	1,578	0	0	0	0	0	0	0	0
921	10003182	Wtr Mtr Water Meters	20	208	3301	WATER PLANT	W METERS	9/30/2003	2,497	0	0	0	0	0	2,497	0	0	0	0	0	0	0	0
922	10003183	Wtr Mtr Meter Replacement Parts	20	208	3301	WATER PLANT	W METERS	6/26/2003	1,007	0	0	0	0	0	1,007	0	0	0	0	0	0	0	0
923	10003184	Wtr Mtr Materials For Large Meter Repair	20	208	3301	WATER PLANT	W METERS	11/1/2002	3,090	0	0	0	0	0	3,090	0	0	0	0	0	0	0	0
924	10003185	Wtr Mtr Flanges For Meters	20	208	3301	WATER PLANT	W METERS	3/19/2003	173	0	0	0	0	0	173	0	0	0	0	0	0	0	0
925	10003186	Wtr Mtr Crushed Rock	20	208	3301	WATER PLANT	W METERS	3/11/2003	170	0	0	0	0	0	170	0	0	0	0	0	0	0	0
926	10003187	Wtr Mtr Cdr Boxes/Lids	20	208	3301	WATER PLANT	W METERS	6/16/2003	9,163	0	0	0	0	0	9,163	0	0	0	0	0	0	0	0
927	10003188	Wtr Mtr Supplies & Parts	20	208	3302	WATER DISTRIBUTION	W METERS	11/11/2002	181	0	0	0	0	0	181	0	0	0	0	0	0	0	0
928	10003189	Wtr Mtr Film Processing For Meter Pictur	20	208	3302	WATER DISTRIBUTION	W METERS	10/25/2002	13	0	0	0	0	0	13	0	0	0	0	0	0	0	0
929	10003190	Wtr Mtr 2"" 6 Wh Gallon Encoder	20	208	3301	WATER PLANT	W METERS	2/25/2004	220	0	0	0	0	0	220	0	0	0	0	0	0	0	0
930	10003191	Wtr Mtr R900 Rf Pit Miu Transmitter	20	208	3301	WATER PLANT	W METERS	1/24/2005	8,250	0	0	0	0	0	8,250	0	0	0	0	0	0	0	0
931	10003192	Wtr Mtr 2"" T10 Flanged Gallon Encoder M	20	208	3301	WATER PLANT	W METERS	1/24/2005	2,640	0	0	0	0	0	2,640	0	0	0	0	0	0	0	0
932	10003193	Wtr Mtr 1 1/2"" T10 Flanged Gallon Enco	20	208	3301	WATER PLANT	W METERS	1/24/2005	1,422	0	0	0	0	0	1,422	0	0	0	0	0	0	0	0
933	10003194	Wtr Mtr 1"" T10 Gallon Encoder Meter	20	208	3301	WATER PLANT	W METERS	1/24/2005	1,664	0	0	0	0	0	1,664	0	0	0	0	0	0	0	0
934	10003195	Wtr Mtr 5/8""X3/4"" Touch Read Meters	20	208	3301	WATER PLANT	W METERS	1/24/2005	18,763	0	0	0	0	0	18,763	0	0	0	0	0	0	0	0
935	10003196	Wtr Mtr 5/8""X3/4"" Touch Read Meters	20	208	3301	WATER PLANT	W METERS	3/22/2005	67,545	0	0	0	0	0	67,545	0	0	0	0	0	0	0	0
936	10003197	Wtr Mtr 1"" T10 Proread E49N, 1000G, Pre	20	208	3301	WATER PLANT	W METERS	3/30/2005	4,992	0	0	0	0	0	4,992	0	0	0	0	0	0	0	0
937	10003198	Wtr Mtr Rhino, 10X15 Mtr Lid W/Proread/R	20	208	3301	WATER PLANT	W METERS	3/30/2005	7,490	0	0	0	0	0	7,490	0	0	0	0	0	0	0	0
938	10003199	Wtr Mtr 1"" T10 Proread E49N, 10000G, Pr	20	208	3301	WATER PLANT	W METERS	4/26/2005	5,200	0	0	0	0	0	5,200	0	0	0	0	0	0	0	0
939	10003200	Wtr Mtr 5/8""X3/4"" Touch Read Meters	20	208	3301	WATER PLANT	W METERS	4/26/2005	105,070	0	0	0	0	0	105,070	0	0	0	0	0	0	0	0
940	10003201	Wtr Mtr 3/4"" Expanders	20	208	3301	WATER PLANT	W METERS	4/26/2005	1,929	0	0	0	0	0	1,929	0	0	0	0	0	0	0	0
941	10003202	Wtr Mtr 1"" Yoke Valves	20	208	3301	WATER PLANT	W METERS	4/26/2005	1,020	0	0	0	0	0	1,020	0	0	0	0	0	0	0	0
942	10003203	Wtr Mtr 1"" Expanders	20	208	3301	WATER PLANT	W METERS	4/26/2005	216	0	0	0	0	0	216	0	0	0	0	0	0	0	0
943	10003204	Wtr M																					

Appendix I
City of Ormond Beach
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Fixed Asset Data and Asset Functionalization

No.	Asset Code	Description	Class CD	Subclass	Location	Location Description	Allocation	Date Acquired	Acquired Cost	Water						Wastewater			Reclaimed		Other Plant		
										Supply	Treatment	Transmission	Distribution	Hydrants	Meters	Treatment	Transmission	Collection	Treatment	Transmission	Distribution	Indirect	General
979	10003240	Wtr Mtr (30) C45-33 Coupling	20	208	3301	WATER PLANT	W METERS	9/7/2006	146	0	0	0	0	0	146	0	0	0	0	0	0	0	0
980	10003241	Wtr Mtr (30) C45-33 Couplings	20	208	3301	WATER PLANT	W METERS	8/13/2006	146	0	0	0	0	0	146	0	0	0	0	0	0	0	0
981	10003242	Wtr Mtr 1000' Blue Poly Tubing X 100' Ro	20	208	3301	WATER PLANT	W METERS	8/13/2006	350	0	0	0	0	0	350	0	0	0	0	0	0	0	0
982	10003243	Wtr Mtr (10) 2"" X 6"" Brass Nipples	20	208	3301	WATER PLANT	W METERS	8/13/2006	150	0	0	0	0	0	150	0	0	0	0	0	0	0	0
983	10003244	Wtr Mtr (100) F1000-4 1"" Corp. Stops	20	208	3301	WATER PLANT	W METERS	8/13/2006	2,435	0	0	0	0	0	2,435	0	0	0	0	0	0	0	0
984	10003245	Wtr Mtr (8) 8"" M.J. 90 Degree Bends	20	208	3301	WATER PLANT	W METERS	8/13/2006	616	0	0	0	0	0	616	0	0	0	0	0	0	0	0
985	10003246	Wtr Mtr (72) Y-504 1"" Yokes	20	208	3301	WATER PLANT	W METERS	8/13/2006	457	0	0	0	0	0	457	0	0	0	0	0	0	0	0
986	10003247	Wtr Mtr (300) Y-502 3/4"" Yokes	20	208	3301	WATER PLANT	W METERS	8/13/2006	2,100	0	0	0	0	0	2,100	0	0	0	0	0	0	0	0
987	10003248	Wtr Mtr (100) C84-44 1"" Joint Coupling	20	208	3301	WATER PLANT	W METERS	8/13/2006	855	0	0	0	0	0	855	0	0	0	0	0	0	0	0
988	10003249	Wtr Mtr (50) Ec-4 1"" Expanders	20	208	3301	WATER PLANT	W METERS	8/13/2006	810	0	0	0	0	0	810	0	0	0	0	0	0	0	0
989	10003250	Wtr Mtr (25) 085-33 Male Joint Couplings	20	208	3301	WATER PLANT	W METERS	8/13/2006	218	0	0	0	0	0	218	0	0	0	0	0	0	0	0
990	10003251	Wtr Mtr (200) C91-34 Yoke Adapter 3/4""	20	208	3301	WATER PLANT	W METERS	8/13/2006	790	0	0	0	0	0	790	0	0	0	0	0	0	0	0
991	10003252	Wtr Mtr (200) Ec-23 3/4 Expanders	20	208	3301	WATER PLANT	W METERS	8/13/2006	1,920	0	0	0	0	0	1,920	0	0	0	0	0	0	0	0
992	10003253	Wtr Mtr (50) B91-223W Yoke Valves	20	208	3301	WATER PLANT	W METERS	8/13/2006	865	0	0	0	0	0	865	0	0	0	0	0	0	0	0
993	10003254	Wtr Mtr (20) 2"" X 1 1/2"" Brass Reducer	20	208	3301	WATER PLANT	W METERS	8/13/2006	160	0	0	0	0	0	160	0	0	0	0	0	0	0	0
994	10003255	Wtr Mtr (50) 3/4 4"" Brass Nipples	20	208	3301	WATER PLANT	W METERS	8/13/2006	160	0	0	0	0	0	160	0	0	0	0	0	0	0	0
995	10003256	Wtr Mtr (20) C84-77 Mix & Cts Coupling	20	208	3301	WATER PLANT	W METERS	8/13/2006	624	0	0	0	0	0	624	0	0	0	0	0	0	0	0
996	10003257	Wtr Mtr (10) B81-777W 2"" Ball Valves	20	208	3301	WATER PLANT	W METERS	8/13/2006	1,262	0	0	0	0	0	1,262	0	0	0	0	0	0	0	0
997	10003258	Wtr Mtr (20) 1 1/2"" X 1"" Brass Reducer	20	208	3301	WATER PLANT	W METERS	8/13/2006	165	0	0	0	0	0	165	0	0	0	0	0	0	0	0
998	10003259	Wtr Mtr (20) 2"" X 1"" Brass Reducer Bus	20	208	3301	WATER PLANT	W METERS	8/13/2006	160	0	0	0	0	0	160	0	0	0	0	0	0	0	0
999	10003260	Wtr Mtr (2) #9400-Wc Eclipse Auto Flushi	20	208	3301	WATER PLANT	W METERS	9/7/2006	3,150	0	0	0	0	0	3,150	0	0	0	0	0	0	0	0
1000	10003261	Wtr Mtr (5) #9700 Retro Fit Fire Hydrant	20	208	3301	WATER PLANT	W METERS	9/7/2006	1,035	0	0	0	0	0	1,035	0	0	0	0	0	0	0	0
1001	10003262	Wtr Mtr (50) C91-44 1"" Yoke Adapters	20	208	3301	WATER PLANT	W METERS	9/7/2006	328	0	0	0	0	0	328	0	0	0	0	0	0	0	0
1002	10003263	Wtr Mtr (72) Y-504 1"" Yokes	20	208	3301	WATER PLANT	W METERS	9/7/2006	457	0	0	0	0	0	457	0	0	0	0	0	0	0	0
1003	10003264	Wtr Mtr 1"" T10 Bb Mtr W/R900I Gal Integ	20	208	3301	WATER PLANT	W METERS	10/13/2006	2,240	0	0	0	0	0	2,240	0	0	0	0	0	0	0	0
1004	10003265	Wtr Mtr 2"" Compression Couplings	20	208	3301	WATER PLANT	W METERS	7/27/2006	256	0	0	0	0	0	256	0	0	0	0	0	0	0	0
1005	10003266	Wtr Mtr 2"" T10 Flngd Mtr W/R900I Gal In	20	208	3301	WATER PLANT	W METERS	10/13/2006	2,200	0	0	0	0	0	2,200	0	0	0	0	0	0	0	0
1006	10003267	Wtr Mtr 3/4"" Compression Couplings	20	208	3301	WATER PLANT	W METERS	7/27/2006	855	0	0	0	0	0	855	0	0	0	0	0	0	0	0
1007	10003268	Wtr Mtr 3/4"" Couplings	20	208	3301	WATER PLANT	W METERS	7/27/2006	466	0	0	0	0	0	466	0	0	0	0	0	0	0	0
1008	10003269	Wtr Mtr 3/4"" Expanders	20	208	3301	WATER PLANT	W METERS	7/27/2006	3,650	0	0	0	0	0	3,650	0	0	0	0	0	0	0	0
1009	10003270	Wtr Mtr 5/8 X 3/4 T10 Pb Mtr W/R900I Gal	20	208	3301	WATER PLANT	W METERS	10/13/2006	17,900	0	0	0	0	0	17,900	0	0	0	0	0	0	0	0
1010	10003271	Wtr Mtr Meters W/Backflow Preventers (16	20	208	3302	WATER DISTRIBUTION	W METERS	1/3/2008	29,733	0	0	0	0	0	29,733	0	0	0	0	0	0	0	0
1011	10003272	Wtr Mtr Large Valve Replace (Cordova-Buc	20	208	3302	WATER DISTRIBUTION	W METERS	2/8/2008	11,000	0	0	0	0	0	11,000	0	0	0	0	0	0	0	0
1012	10003273	Wtr Mtr Meters Replacements-Multi Invoic	20	208	3302	WATER DISTRIBUTION	W METERS	7/29/2008	216,630	0	0	0	0	0	216,630	0	0	0	0	0	0	0	0
1013	10003274	Wtr Meters & Parts	20	208	3302	WATER DISTRIBUTION	W METERS	9/30/2007	259,503	0	0	0	0	0	259,503	0	0	0	0	0	0	0	0
1014	10003275	Ww Manhole Frame/Cover Replacement	20	209	3501	WASTERWATER PLANT	WW Collection	3/2/2000	9,303	0	0	0	0	0	0	0	9,303	0	0	0	0	0	0
1015	10003276	Ww Manhole Williamson Blvd Widening	20	209	3501	WASTERWATER PLANT	WW Collection	11/30/1999	3,415	0	0	0	0	0	0	0	3,415	0	0	0	0	0	0
1016	10003277	Ww Manhole Replacement Of20 Covers On S	20	209	3501	WASTERWATER PLANT	WW Collection	7/7/2004															

Appendix 1
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Fixed Asset Data and Asset Functionalization

No.	Asset Code	Description	Class CD	Subclass	Location	Location Description	Allocation	Date Acquired	Acquired Cost	Water						Wastewater		Reclaimed		Other Plant					
										Supply	Treatment	Transmission	Distribution	Hydrants	Meters	Treatment	Transmission	Collection	Treatment	Transmission	Distribution	Indirect	General	Other	
1077	10003338	Lift Sta Bat Prof Services	20	209	3502	WW COLLECTION AND REUSE	General	9/16/2002	27,238	0	0	0	0	0	0	0	0	0	0	0	0	0	27,238	0	0
1078	10003339	Lift Sta Bat Prof Services	20	209	3502	WW COLLECTION AND REUSE	General	3/1/2002	2,407	0	0	0	0	0	0	0	0	0	0	0	0	0	2,407	0	0
1079	10003340	Lift Sta Bat Prof Services	20	209	3502	WW COLLECTION AND REUSE	General	1/2/2002	2,714	0	0	0	0	0	0	0	0	0	0	0	0	0	2,714	0	0
1080	10003341	Lift Sta Bat Fed Ex	20	209	3502	WW COLLECTION AND REUSE	General	4/26/2005	10	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0
1081	10003342	Lift Sta Bat Rehab/Impvmts Construction	20	209	3502	WW COLLECTION AND REUSE	WW T&C	11/17/2005	50,217	0	0	0	0	0	0	20,041	30,176	0	0	0	0	0	0	0	0
1082	10003343	Lift Sta Bat Rehab/Impvmts Construction	20	209	3502	WW COLLECTION AND REUSE	WW T&C	12/20/2005	18,600	0	0	0	0	0	0	7,423	11,177	0	0	0	0	0	0	0	0
1083	10003344	Lift Sta Bat Rehab/Impvmts Construction	20	209	3502	WW COLLECTION AND REUSE	WW T&C	2/16/2006	13,800	0	0	0	0	0	0	5,507	8,293	0	0	0	0	0	0	0	0
1084	10003345	Lift Sta Bat Rehab/Impvmts Construction	20	209	3502	WW COLLECTION AND REUSE	WW T&C	3/15/2006	22,949	0	0	0	0	0	0	9,159	13,790	0	0	0	0	0	0	0	0
1085	10003346	Lift Sta Bat Rehab/Impvmts Construction	20	209	3502	WW COLLECTION AND REUSE	WW T&C	1/19/2006	6,215	0	0	0	0	0	0	2,480	3,735	0	0	0	0	0	0	0	0
1086	10003347	Lift Sta Bat Rehab/Impvmts Construction	20	209	3502	WW COLLECTION AND REUSE	WW T&C	4/11/2006	25,076	0	0	0	0	0	0	10,007	15,068	0	0	0	0	0	0	0	0
1087	10003348	Lift Sta Bat E1 Repair Of Tank	20	209	3502	WW COLLECTION AND REUSE	WW T&C	4/20/2006	1,661	0	0	0	0	0	0	663	998	0	0	0	0	0	0	0	0
1088	10003349	Lift Sta Bat E-One Misc Parts	20	209	3502	WW COLLECTION AND REUSE	WW T&C	5/10/2006	454	0	0	0	0	0	0	181	273	0	0	0	0	0	0	0	0
1089	10003350	Lift Sta Bat 1P,5P&Bt1 Rehab/Impvmts Con	20	209	3502	WW COLLECTION AND REUSE	WW T&C	6/13/2006	11,275	0	0	0	0	0	0	4,500	6,775	0	0	0	0	0	0	0	0
1090	10003351	Safety Mgmt Plan	20	208	3301	WATER PLANT	General	2/17/2000	2,689	0	0	0	0	0	0	0	0	0	0	0	0	0	2,689	0	0
1091	10003352	Engineering Services	20	209	3501	WASTERWATER PLANT	Other	2/17/2000	2,689	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,689	0
1092	10003353	Wtr Water System Master Plan - Engineeri	20	208	3301	WATER PLANT	General	12/31/1999	5,075	0	0	0	0	0	0	0	0	0	0	0	0	0	5,075	0	0
1093	10003354	Wtr Water System Master Plan - Engineeri	20	208	3301	WATER PLANT	General	1/2/2008	7,688	0	0	0	0	0	0	0	0	0	0	0	0	0	7,688	0	0
1094	10003355	Wtr System Facility Plan Revisions	20	208	3301	WATER PLANT	General	3/4/1994	650	0	0	0	0	0	0	0	0	0	0	0	0	0	650	0	0
1095	10003356	Wtr System Facility Plan	20	208	3301	WATER PLANT	General	4/30/1994	5,800	0	0	0	0	0	0	0	0	0	0	0	0	0	5,800	0	0
1096	10003357	Wtr Water System Master Plan Qhampton-Fy	20	208	3301	WATER PLANT	General	8/7/2007	50,112	0	0	0	0	0	0	0	0	0	0	0	0	0	50,112	0	0
1097	10003358	Force Main Us1/Airport Rd	20	209	3501	WASTERWATER PLANT	WW T&C	5/27/2000	22,340	0	0	0	0	0	0	8,916	13,424	0	0	0	0	0	0	0	0
1098	10003359	Airport Rd Force Main Upgrade	20	209	3501	WASTERWATER PLANT	WW T&C	6/6/2000	557	0	0	0	0	0	0	222	335	0	0	0	0	0	0	0	0
1099	10003360	Prof Services	20	209	3501	WASTERWATER PLANT	Other	8/26/2000	3,540	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,540	0
1100	10003361	Admin Services	20	209	3501	WASTERWATER PLANT	Other	5/3/2001	5,760	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,760	0
1101	10003362	Field Testing Service	20	209	3501	WASTERWATER PLANT	Other	5/31/2001	735	0	0	0	0	0	0	0	0	0	0	0	0	0	0	735	0
1102	10003363	Const Payment 1-4	20	209	3501	WASTERWATER PLANT	Other	4/6/2001	311,159	0	0	0	0	0	0	0	0	0	0	0	0	0	0	311,159	0
1103	10003364	Film Processing	20	209	3501	WASTERWATER PLANT	Other	5/23/2001	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	0
1104	10003365	Geotechnical Service	20	209	3501	WASTERWATER PLANT	Other	4/30/2000	1,799	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,799	0
1105	10003401	Pmt 6 & 7 Upgrade Swr Line	20	209	3502	WW COLLECTION AND REUSE	WW T&C	4/12/2001	213,403	0	0	0	0	0	0	85,166	128,237	0	0	0	0	0	0	0	0
1106	10003429	Wtr Water Treatment Plant 298 Tomoka Ave	20	208	3301	WATER PLANT	W Treatment	9/26/2000	1,225	0	1,225	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1107	10003430	Pump*Shaft*Couplings	30	305	3301	WATER PLANT	W Treatment	9/7/2000	1,625	0	1,625	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1108	10003431	Teco Hi Service Motor	30	309	3301	WATER PLANT	W Treatment	7/27/2000	1,750	0	1,750	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1109	10003432	Baldor Motor M255 100Hp	30	305	3301	WATER PLANT	W Treatment	7/28/2000	2,592	0	2,592	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1110	10003433	Pmt #1	20	208	3301	WATER PLANT	General	11/27/2001	60,255	0	0	0	0	0	0	0	0	0	0	0	0	0	60,255	0	0
1111	10003434	Machine That De-Waters Sludge/Centrifuge	30	309	3301	WATER PLANT	W Treatment	3/16/2001	11,806	0	11,806	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1112	10003435	Pneumatic Actuator/3	30	309	3301	WATER PLANT	W Treatment	1/12/2001	4,281	0	4,281	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1113	10003436	Replacement Of Lime Slaker @ Wtp - Equip	20	208	3301	WATER PLANT	W Treatment	4/12/2006	55,116	0	55,116	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1114	10003437	Water Fac & Equip Painting	20	208	3301	WATER PLANT	General	10/10/2000	43,400	0	0	0	0	0	0	0	0	0	0	0	0	0	43,400	0	0
1115	10003438	Engineering Services	20	208	3301	WATER PLANT	General	3/1/2001	2,361	0	0	0	0	0	0	0	0	0	0	0	0	0	2,361	0	0
1116	10003439	Ele Upgrade For New Generator Pmt #1	20	208	3301	WATER PLANT	W Treatment	12/31/2001	44,695	0	44,695	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1117	10003440	Painting	20	208	3301	WATER PLANT	General	2/14/2002	38,997	0	0	0	0	0	0	0	0	0	0	0	0	0	38,997	0	0
1118	10003441	Pmt 5	20	208	3301	WATER PLANT	General	3/25/2002	140,760	0	0	0	0	0	0	0	0	0	0	0	0	0	140,760	0	0
1119	10003442	Pmt #2 Painting	20	208	3301	WATER PLANT	General	4/26/2002	18,873	0	0	0	0	0	0	0	0	0	0	0	0	0	18,873	0	0
1120	10003443	24" Line Leak Repair Labor & Materials	20	208	3301	WATER PLANT	W Treatment	4/1/2002	6,540	0	6,540	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1121	10003444	Concrete Compressive Strength	20	208	3301	WATER PLANT	W Treatment	4/1/2002	90	0	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1122	10003445	Prof Services	20	208	3301	WATER PLANT	General	4/25/2002	102,611	0	0	0	0	0	0	0	0	0	0	0	0	0	102,611	0	0
1123	10003446	Prof Services	20	208	3301	WATER PLANT	General	5/31/2002	281,672	0	0	0	0	0	0	0	0	0	0	0	0	0	281,672	0	0
1124	10003447	Prof Services	20	208	3301	WATER PLANT	General	4/30/2002	220	0	0	0	0	0	0	0	0	0	0	0	0	0	220	0	0
1125	10003448	Wtr Plant Metal Building Replacement	10	105	3301	WATER PLANT	W Treatment	9/30/2002	25,971	0	25,971	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1126	10003449	Improv.	20	208	3301	WATER PLANT	W Treatment	9/30/2002	8,477	0	8,477	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1127	10003450	Lift Sta Walmart Ps Replace #2	20	209	3501	WASTERWATER PLANT	WW T&C	10/17/2003	3,320	0	0	0	0	0	0	1,325	1,995	0	0	0	0	0	0	0	0
1128	10003451	Lift Sta Maintenance / Invoice # 069688	20	209	3501	WASTERWATER PLANT	WW T&C	10/27/2003	1,289	0	0	0	0	0	0	514	775	0	0	0	0	0	0	0	0
1129	10003452	Lift Sta 12M Invoice# 069860	20	209	3501	WASTERWATER PLANT	WW T&C	11/5/2003	3,320	0	0	0	0	0	0	1,325	1,995	0	0	0	0	0	0	0	0
1130	10003453	Lift Sta Repairs Invoice# 70862	20	209	3501	WASTERWATER PLANT	WW T&C	1/21/2004	1,193	0	0	0	0	0	0	476	717	0	0	0	0	0	0	0	0
1131	10003454	Effluent Pump Repair / Inv# 072555	20	209	3501	WASTERWATER PLANT	WW Treatment	4/21/2004	988	0	0	0	0	0	988	0	0	0	0	0	0	0	0	0	0
1132	10003455	Effluent Flygt Parts / Inv# 072849	20	209	3501	WASTERWATER PLANT	WW Treatment	5/12/2004	2,756	0	0	0	0	0	2,756	0	0	0	0	0	0	0	0	0	0
1133	10003456	Lift Sta C30Lt Drive & Parts	20	209	3501	WASTERWATER PLANT	WW T&C	5/12/2004	45,550	0	0	0	0	0	0	18,178	27,372	0	0	0	0	0	0	0	0
1134	10003457	Effluent Erect New & Reuse Steel	20	209	3501	WASTERWATER PLANT	WW Treatment	5/12/2004	93,067	0	0	0	0	0	93,067	0	0	0	0	0	0	0	0	0	0
1135	10003458	Wtr Wtp Electric Actuators	20	208	3301	WATER PLANT	W Treatment	5/18/2004	5,180	0	5,180	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1136	10003459	Ww Wwtp Conveyor Belt For Centrifuge	20	209	3501	WASTERWATER PLANT</																			

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No.	Asset Code	Description	Class CD	Subclass	Location	Location Description	Allocation	Date Acquired	Acquired Cost	Water						Wastewater			Reclaimed		Other Plant				
										Supply	Treatment	Transmission	Distribution	Hydrants	Meters	Treatment	Transmission	Collection	Treatment	Transmission	Distribution	Indirect	General	Other	
1175	10003498	12"" Di Joint Restraint Kits W/ 3/4"" Ro	20	208	3301	WATER PLANT	W T&D	8/3/2005	440	0	0	130	310	0	0	0	0	0	0	0	0	0	0	0	0
1176	10003499	12"" Di Mj Wye	20	208	3301	WATER PLANT	W T&D	8/3/2005	671	0	0	199	472	0	0	0	0	0	0	0	0	0	0	0	0
1177	10003500	12"" Mj Kits	20	208	3301	WATER PLANT	W T&D	8/3/2005	126	0	0	37	89	0	0	0	0	0	0	0	0	0	0	0	0
1178	10003501	12"" Zip Flange Or Equal To Adapt To Fla	20	208	3301	WATER PLANT	W T&D	8/3/2005	378	0	0	112	266	0	0	0	0	0	0	0	0	0	0	0	0
1179	10003502	Ammonia Analyzer/2Nd Floor Treatment Gal	20	208	3301	WATER PLANT	W Treatment	3/28/2000	8,920	0	8,920	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1180	10003503	Water Facility-Equipment/ Jefferson St	20	208	3301	WATER PLANT	W Treatment	9/30/2000	15,200	0	15,200	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1181	10003504	24"" X 12"" Wet Tap, Including Materials	20	208	3301	WATER PLANT	W T&D	8/24/2005	9,582	0	0	2,840	6,742	0	0	0	0	0	0	0	0	0	0	0	0
1182	10003505	Complete Underdrain System Filter #4	20	208	3301	WATER PLANT	W Treatment	8/21/1998	8,612	0	8,612	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1183	10003506	(1) 12"" Bermad #730 IF-Thg Valve For By	20	208	3301	WATER PLANT	W Treatment	8/26/2005	7,965	0	7,965	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1184	10003507	Bolts For Water Plant Job	20	208	3301	WATER PLANT	W Treatment	8/8/2005	494	0	494	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1185	10003508	Design For Raw Water Bypass/Claricones	20	208	3301	WATER PLANT	General	9/26/2005	1,835	0	0	0	0	0	0	0	0	0	0	0	0	0	1,835	0	0
1186	10003509	18 X 18 Rotating Assembly Repair	20	208	3301	WATER PLANT	W Treatment	9/26/2005	8,915	0	8,915	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1187	10003510	Rotating Assembly Per Quote# 070605C4	20	208	3301	WATER PLANT	W Treatment	9/26/2005	6,050	0	6,050	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1188	10003511	Emergency Repair For C12 Crane Host At W	20	208	3301	WATER PLANT	W Treatment	9/15/2005	3,080	0	3,080	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1189	10003512	Replace Conduit & Wiring To Lighting On	20	208	3301	WATER PLANT	W Treatment	1/31/2005	2,601	0	2,601	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1190	10003513	40 Hp Motor For Centrifuge	20	208	3301	WATER PLANT	W Treatment	12/22/2005	1,541	0	1,541	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1191	10003514	Repairs To Wtp As A Result Of Hurricane	20	209	3501	WASTERWATER PLANT	WW Treatment	6/20/2005	3,749	0	0	0	0	0	0	3,749	0	0	0	0	0	0	0	0	0
1192	10003515	Design For Installation Of Raw Water Byp	20	208	3301	WATER PLANT	General	12/30/2005	1,223	0	0	0	0	0	0	0	0	0	0	0	0	0	1,223	0	0
1193	10003516	Filter Nozzles For (2) Potable Water San	20	208	3301	WATER PLANT	W Treatment	3/1/2006	18,000	0	18,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1194	10003517	Freight	20	208	3301	WATER PLANT	General	3/1/2006	120	0	0	0	0	0	0	0	0	0	0	0	0	0	120	0	0
1195	10003518	It-Scada System	20	208	3301	WATER PLANT	W Treatment	7/14/1998	8,375	0	8,375	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1196	10003519	Safety Platform Freight Charge	10	105	3301	WATER PLANT	General	6/17/1994	110	0	0	0	0	0	0	0	0	0	0	0	0	0	110	0	0
1197	10003520	Lime Building & Safety Platform	10	105	3301	WATER PLANT	W Treatment	5/20/1994	6,560	0	6,560	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1198	10003521	Water System Land (Location Unknown)	70	701	3301	WATER PLANT	W Treatment	9/30/1979	35,615	0	35,615	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1199	10003522	Pep Pumps And Parts	20	209	3301	WATER PLANT	WW Collection	5/16/2006	194	0	0	0	0	0	0	0	0	194	0	0	0	0	0	0	0
1200	10003523	E-One Misc Pump Prts	20	209	3502	WW COLLECTION AND REUSE	General	5/16/2006	842	0	0	0	0	0	0	0	0	0	0	0	0	0	842	0	0
1201	10003524	Dr5000-01 Spectrophotometer	30	309	3301	WATER PLANT	General	7/10/2006	5,924	0	0	0	0	0	0	0	0	0	0	0	0	0	5,924	0	0
1202	10003525	Chambers - 16 Inch	20	209	3502	WW COLLECTION AND REUSE	General	7/10/2006	5,280	0	0	0	0	0	0	0	0	0	0	0	0	0	5,280	0	0
1203	10003526	Control Panel	20	209	3502	WW COLLECTION AND REUSE	General	7/10/2006	4,950	0	0	0	0	0	0	0	0	0	0	0	0	0	4,950	0	0
1204	10003527	High Level Floats	20	209	3502	WW COLLECTION AND REUSE	General	7/10/2006	1,050	0	0	0	0	0	0	0	0	0	0	0	0	0	1,050	0	0
1205	10003528	J-Box	20	209	3502	WW COLLECTION AND REUSE	General	7/10/2006	1,350	0	0	0	0	0	0	0	0	0	0	0	0	0	1,350	0	0
1206	10003529	New Style Lids	20	209	3502	WW COLLECTION AND REUSE	General	7/10/2006	1,080	0	0	0	0	0	0	0	0	0	0	0	0	0	1,080	0	0
1207	10003530	Old Style Lids	20	209	3502	WW COLLECTION AND REUSE	General	6/22/2006	468	0	0	0	0	0	0	0	0	0	0	0	0	0	468	0	0
1208	10003531	Old Style Lids	20	209	3502	WW COLLECTION AND REUSE	General	7/10/2006	612	0	0	0	0	0	0	0	0	0	0	0	0	0	612	0	0
1209	10003532	3"" X 1 1/2 Rubber Bushing	20	209	3502	WW COLLECTION AND REUSE	General	7/10/2006	195	0	0	0	0	0	0	0	0	0	0	0	0	0	195	0	0
1210	10003533	Pep Pump Replacements	20	209	3502	WW COLLECTION AND REUSE	WW COLLECTION	6/19/2006	6,900	0	0	0	0	0	0	0	0	6,900	0	0	0	0	0	0	0
1211	10003534	Mobile Port Station	20	209	3502	WW COLLECTION AND REUSE	General	5/30/2006	468	0	0	0	0	0	0	0	0	0	0	0	0	0			

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No.	Asset Code	Description	Class CD	Subclass	Location	Location Description	Allocation	Date Acquired	Acquired Cost	Water						Wastewater			Reclaimed		Other Plant			
										Supply	Treatment	Transmission	Distribution	Hydrants	Meters	Treatment	Transmission	Collection	Treatment	Transmission	Distribution	Indirect	General	Other
1273	10003596	Wtp - Set Of Control Panels	20	208	3301	WATER PLANT	W Treatment	6/12/2007	50,000	0	50,000	0	0	0	0	0	0	0	0	0	0	0	0	0
1274	10003597	Wtp - Const Admin - Engineering Services	20	208	3301	WATER PLANT	W Treatment	4/18/2007	18,801	0	18,801	0	0	0	0	0	0	0	0	0	0	0	0	0
1275	10003598	Wtp - Additional Design Work	20	208	3301	WATER PLANT	General	4/18/2007	26,450	0	0	0	0	0	0	0	0	0	0	0	0	0	26,450	0
1276	10003599	Wtp - Recarbonation Basin - Design	20	208	3301	WATER PLANT	General	4/24/2007	6,985	0	0	0	0	0	0	0	0	0	0	0	0	0	6,985	0
1277	10003600	Wtp - Recarbonation Basin - Design	20	208	3301	WATER PLANT	General	4/24/2007	4,425	0	0	0	0	0	0	0	0	0	0	0	0	0	4,425	0
1278	10003601	Wtp - Additional Design Work	20	208	3301	WATER PLANT	General	10/18/2006	10,636	0	0	0	0	0	0	0	0	0	0	0	0	0	10,636	0
1279	10003602	Wtp - Engineering & Design Work	20	208	3301	WATER PLANT	General	9/15/2007	22,828	0	0	0	0	0	0	0	0	0	0	0	0	0	22,828	0
1280	10003603	Wtp - Design Filter Structure - Fy 2006	20	208	3301	WATER PLANT	General	9/30/2006	50,300	0	0	0	0	0	0	0	0	0	0	0	0	0	50,300	0
1281	10003604	Wtp - Const Admin - Engineering Services	20	208	3301	WATER PLANT	General	10/19/2006	2,717	0	0	0	0	0	0	0	0	0	0	0	0	0	2,717	0
1282	10003605	Wtp - Const Admin - Engineering Services	20	208	3301	WATER PLANT	General	10/18/2006	9,694	0	0	0	0	0	0	0	0	0	0	0	0	0	9,694	0
1283	10003606	Wtp - Const Admin - Engineering Services	20	208	3301	WATER PLANT	General	9/30/2006	3,910	0	0	0	0	0	0	0	0	0	0	0	0	0	3,910	0
1284	10003607	Wtp - Const Admin - Flow Pacing - Engine	20	208	3301	WATER PLANT	General	10/18/2006	4,425	0	0	0	0	0	0	0	0	0	0	0	0	0	4,425	0
1285	10003608	Wtp - Const Admin - Engineering Services	20	208	3301	WATER PLANT	General	9/30/2006	8,948	0	0	0	0	0	0	0	0	0	0	0	0	0	8,948	0
1286	10003609	Water Treatment Plant - 298 Tomoka Av -	20	208	3301	WATER PLANT	W Treatment	1/1/1945	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1287	10003610	Wtr Wtp Engineering - Barnes Ferland-1 I	20	208	3301	WATER PLANT	W Treatment	6/16/2008	5,575	0	5,575	0	0	0	0	0	0	0	0	0	0	0	0	0
1288	10003611	Wtr Wtp Engineering - Cdm - 12 Invoices	20	208	3301	WATER PLANT	W Treatment	5/22/2008	101,420	0	101,420	0	0	0	0	0	0	0	0	0	0	0	0	0
1289	10003612	Wtr Wtp Engineering - Quentin Hampton -	20	208	3301	WATER PLANT	W Treatment	6/5/2008	94,665	0	94,665	0	0	0	0	0	0	0	0	0	0	0	0	0
1290	10003613	Wtr Wtp Engineering - Cdm - 6 Invoices	20	208	3301	WATER PLANT	W Treatment	5/27/2008	47,840	0	47,840	0	0	0	0	0	0	0	0	0	0	0	0	0
1291	10003614	Wtr Wtp Engineering - Nodarse & Assoc -	20	208	3301	WATER PLANT	W Treatment	4/30/2008	1,726	0	1,726	0	0	0	0	0	0	0	0	0	0	0	0	0
1292	10003615	Wtr Wtp Engineering -Engineering Techno-	20	208	3301	WATER PLANT	W Treatment	2/8/2008	2,500	0	2,500	0	0	0	0	0	0	0	0	0	0	0	0	0
1293	10003616	Wtr Wtp Construction - Mcmahon Const - 1	20	208	3301	WATER PLANT	W Treatment	10/31/2007	91,732	0	91,732	0	0	0	0	0	0	0	0	0	0	0	0	0
1294	10003617	Wtr Wtp Construction - Mcmahon Const - 7	20	208	3301	WATER PLANT	W Treatment	5/30/2008	2,673,653	0	2,673,653	0	0	0	0	0	0	0	0	0	0	0	0	0
1295	10003618	Wtr Wtp Construction - Various Const - 3	20	208	3301	WATER PLANT	W Treatment	4/30/2008	803,756	0	803,756	0	0	0	0	0	0	0	0	0	0	0	0	0
1296	10003619	Wtr Wtp Engineering-High Srv Pump-Qhampt	20	208	3301	WATER PLANT	W Treatment	7/14/2008	10,713	0	10,713	0	0	0	0	0	0	0	0	0	0	0	0	0
1297	10003620	Wtr Plant Rehabs - 11 Invoices	20	208	3301	WATER PLANT	W Treatment	3/18/2008	96,520	0	96,520	0	0	0	0	0	0	0	0	0	0	0	0	0
1298	10003621	Wtr Wtp Treatment Plant Exp & Imp-Multi	20	208	3301	WATER PLANT	W Treatment	9/30/2007	15,045,812	0	15,045,812	0	0	0	0	0	0	0	0	0	0	0	0	0
1299	10003622	Wtr Wtp Treatment Plant Eng-Cdm 2 Invoic	20	208	3301	WATER PLANT	W Treatment	10/19/2006	12,410	0	12,410	0	0	0	0	0	0	0	0	0	0	0	0	0
1300	10003623	Wtr Wtp Treatment Plant Operations Train	20	208	3301	WATER PLANT	W Treatment	4/23/2008	170,838	0	170,838	0	0	0	0	0	0	0	0	0	0	0	0	0
1301	10003624	Wtp - Const Admin - Engineering Services	20	208	3301	WATER PLANT	W Treatment	4/18/2007	274,671	0	274,671	0	0	0	0	0	0	0	0	0	0	0	0	0
1302	10003625	Wtp - Construction Design Work	20	208	3301	WATER PLANT	W Treatment	9/30/2007	365,050	0	365,050	0	0	0	0	0	0	0	0	0	0	0	0	0
1303	10003626	Wtp - Plant Engineering Services - Fy 20	20	208	3301	WATER PLANT	General	9/30/2006	69,221	0	0	0	0	0	0	0	0	0	0	0	0	0	69,221	0
1304	10003627	Wtr Wtp Improvements	20	208	3301	WATER PLANT	W Treatment	9/30/2002	2,031,490	0	2,031,490	0	0	0	0	0	0	0	0	0	0	0	0	0
1305	10003711	Improvements	20	208	3301	WATER PLANT	W Treatment	8/31/2000	98,750	0	98,750	0	0	0	0	0	0	0	0	0	0	0	0	0
1306	10003731	Sterthaus Dr Roadway Reconst	20	209	3501	WASTERWATER PLANT	WW T&C	2/5/2002	3,455	0	0	0	0	0	0	0	1,379	2,076	0	0	0	0	0	0
1307	10003733	Wtr Main Unknown Locations 2"" Line Repl	20	208	3301	WATER PLANT	W T&D	8/6/2001	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
1308	10003734	Pmt #8 Final	20	208	3301	WATER PLANT	General	6/11/2001	7,051	0	0	0	0	0	0	0	0	0	0	0	0	0	7,051	0
1309	10003735	Improvements	20	208	3301	WATER PLANT	W Treatment	5/20/2001	87,772	0	87,772	0	0	0	0	0	0	0	0	0	0	0	0	0
1310	10003736	Pmt #2 & 3	20	208	3																			

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										Supply	Treatment	Transmission	Distribution	Hydrants	Meters	Treatment	Transmission	Collection	Treatment	Transmission	Distribution	Indirect	General	Other
1371	10003797	Lift Sta 4M In Place Density Test	20	209	3502	WW COLLECTION AND REUSE	General	4/24/2002	20	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0
1372	10003798	Lift Sta 4M Prof Services	20	209	3502	WW COLLECTION AND REUSE	General	5/15/2002	32,080	0	0	0	0	0	0	0	0	0	0	0	0	0	32,080	0
1373	10003799	Lift Sta 4M Payment #8	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/16/2002	21,401	0	0	0	0	0	0	0	8,541	12,860	0	0	0	0	0	0
1374	10003800	Lift Sta 4M Professional Services	20	209	3502	WW COLLECTION AND REUSE	General	9/23/2002	842	0	0	0	0	0	0	0	0	0	0	0	0	0	842	0
1375	10003801	Lift Sta 4M Fed Ex	20	209	3502	WW COLLECTION AND REUSE	General	11/26/2002	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0
1376	10003802	Lift Sta 4M Film Processing	20	209	3502	WW COLLECTION AND REUSE	General	10/17/2002	10	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0
1377	10003803	Lift Sta 4M Eng Services	20	209	3502	WW COLLECTION AND REUSE	General	11/7/2002	602	0	0	0	0	0	0	0	0	0	0	0	0	0	602	0
1378	10003804	Lift Sta 4M Pmt #10 Final	20	209	3502	WW COLLECTION AND REUSE	WW T&C	11/6/2002	4,689	0	0	0	0	0	0	0	1,871	2,817	0	0	0	0	0	0
1379	10003805	Lift Sta 4M Pmt #9	20	209	3502	WW COLLECTION AND REUSE	WW T&C	10/16/2002	193	0	0	0	0	0	0	0	77	116	0	0	0	0	0	0
1380	10003806	Lift Sta 4M Geotechnical Service	20	209	3502	WW COLLECTION AND REUSE	General	8/31/2000	892	0	0	0	0	0	0	0	0	0	0	0	0	0	892	0
1381	10003807	Lift Sta 4M & Western Relief Force Main	20	209	3502	WW COLLECTION AND REUSE	WW T&C	2/7/2002	115,151	0	0	0	0	0	0	0	45,955	69,196	0	0	0	0	0	0
1382	10003808	Lift Sta 4M Improvements	20	209	3502	WW COLLECTION AND REUSE	WW T&C	2/8/2002	1,188	0	0	0	0	0	0	0	474	714	0	0	0	0	0	0
1383	10003809	Lift Sta 4M Prof Services	20	209	3502	WW COLLECTION AND REUSE	General	4/15/2002	52,329	0	0	0	0	0	0	0	0	0	0	0	0	0	52,329	0
1384	10003810	Lift Sta 4M Prof Services	20	209	3502	WW COLLECTION AND REUSE	General	3/26/2002	2,314	0	0	0	0	0	0	0	0	0	0	0	0	0	2,314	0
1385	10003811	Lift Sta 4M Professional Services	20	209	3502	WW COLLECTION AND REUSE	General	3/26/2002	500	0	0	0	0	0	0	0	0	0	0	0	0	0	500	0
1386	10003812	Lift Sta 4M Professional Services	20	209	3502	WW COLLECTION AND REUSE	General	4/10/2002	344	0	0	0	0	0	0	0	0	0	0	0	0	0	344	0
1387	10003813	Lift Sta 4M Professional Services	20	209	3502	WW COLLECTION AND REUSE	General	4/19/2002	34	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0
1388	10003814	Lift Sta 4M In Place Density Test	20	209	3502	WW COLLECTION AND REUSE	General	4/24/2002	34	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0
1389	10003815	Lift Sta 4M Concrete Test Cylinders	20	209	3502	WW COLLECTION AND REUSE	WW T&C	5/20/2002	34	0	0	0	0	0	0	0	13	20	0	0	0	0	0	0
1390	10003816	Lift Sta 4M Prof Services	20	209	3502	WW COLLECTION AND REUSE	General	5/17/2002	1,471	0	0	0	0	0	0	0	0	0	0	0	0	0	1,471	0
1391	10003817	Lift Sta 4M In Place Density Test	20	209	3502	WW COLLECTION AND REUSE	General	4/24/2002	25	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0
1392	10003818	Lift Sta 4M Prof Services	20	209	3502	WW COLLECTION AND REUSE	General	5/15/2002	40,829	0	0	0	0	0	0	0	0	0	0	0	0	0	40,829	0
1393	10003819	Lift Sta 4M Design & Engineering	20	209	3502	WW COLLECTION AND REUSE	General	1/12/2004	3,390	0	0	0	0	0	0	0	0	0	0	0	0	0	3,390	0
1394	10003820	Lift Sta 4M Design & Engineering	20	209	3502	WW COLLECTION AND REUSE	General	3/8/2004	5,720	0	0	0	0	0	0	0	0	0	0	0	0	0	5,720	0
1395	10003821	Lift Sta 4M Pump Station Rehabilitation	20	209	3502	WW COLLECTION AND REUSE	WW T&C	3/8/2004	9,359	0	0	0	0	0	0	0	3,735	5,624	0	0	0	0	0	0
1396	10003822	Lift Sta 4M Design & Engineering	20	209	3502	WW COLLECTION AND REUSE	General	5/3/2004	635	0	0	0	0	0	0	0	0	0	0	0	0	0	635	0
1397	10003823	Lift Sta 4M Improvements	20	209	3502	WW COLLECTION AND REUSE	WW T&C	1/3/2001	19,590	0	0	0	0	0	0	0	7,818	11,772	0	0	0	0	0	0
1398	10003824	Lift Sta 4M Engineering Services	20	209	3502	WW COLLECTION AND REUSE	General	8/27/2003	1,693	0	0	0	0	0	0	0	0	0	0	0	0	0	1,693	0
1399	10003825	Lift Sta 4M Final Pmt	20	209	3502	WW COLLECTION AND REUSE	WW T&C	8/22/2003	10,500	0	0	0	0	0	0	0	4,190	6,310	0	0	0	0	0	0
1400	10003826	Lift Sta 4M Final Pmt*Retainage Returned	20	209	3502	WW COLLECTION AND REUSE	WW T&C	8/22/2003	17,450	0	0	0	0	0	0	0	6,964	10,486	0	0	0	0	0	0
1401	10003827	Lift Sta 4M Eng Services	20	209	3502	WW COLLECTION AND REUSE	General	8/7/2003	1,715	0	0	0	0	0	0	0	0	0	0	0	0	0	1,715	0
1402	10003828	Lift Sta 4M Pmt #5	20	209	3502	WW COLLECTION AND REUSE	WW T&C	7/31/2003	7,200	0	0	0	0	0	0	0	2,873	4,327	0	0	0	0	0	0
1403	10003829	Lift Sta 4M Pump Rehab Engineering Servi	20	209	3502	WW COLLECTION AND REUSE	WW T&C	7/1/2003	6,870	0	0	0	0	0	0	0	2,742	4,128	0	0	0	0	0	0
1404	10003830	Lift Sta 4M Pmt #4	20	209	3502	WW COLLECTION AND REUSE	WW T&C	6/30/2003	12,080	0	0	0	0	0	0	0	4,821	7,259	0	0	0	0	0	0
1405	10003831	Lift Sta 4M Pmt #3	20	209	3502	WW COLLECTION AND REUSE	WW T&C	5/28/2003	108,520	0	0	0	0	0	0	0	43,309	65,211	0	0	0	0	0	0
1406	10003832	Lift Sta 4M Engineering Services	20	209	3502	WW COLLECTION AND REUSE	General	5/8/2003	1,571	0	0	0	0	0	0	0	0	0	0	0	0	0	1,571	0
1407	10003833	Lift Sta 4M Pmt #2	20	209	3502	WW COLLECTION AND REUSE	WW T&C	4/30/2003	9,000	0	0	0	0	0	0	0	3,592	5,408	0	0	0	0	0	0
1408	10003834	Lift Sta 4M Engineering Services	20	209	3502	WW COLLECTION AND REUSE	General	4/30/2003	179	0	0	0	0	0	0	0	0	0	0	0	0	0	179	0
1409	10003835	Lift Sta 4M Engineering Services	20	209	3502	WW COLLECTION AND REUSE	General	4/3/2003	3,142	0	0	0	0	0	0	0	0	0	0	0	0	0	3,142	0
1410	10003836	Lift Sta 4M Pmt #1	20	209	3502	WW COLLECTION AND REUSE	WW T&C	3/27/2003	20,250	0	0	0	0	0	0	0	8,081	12,169	0	0	0	0	0	0
1411	10003837	Lift Sta 4M Engineering Services	20	209	3502	WW COLLECTION AND REUSE	General	2/25/2003	2,588	0	0	0	0	0	0	0	0	0	0	0	0	0	2,588	0
1412	10003838	Lift Sta 4M Sanitary Sewer Permit Fee	20	209	3502	WW COLLECTION AND REUSE	General	11/21/2002	500	0	0	0	0	0	0	0	0	0	0	0	0	0	500	0
1413	10003839	Lift Sta 4M Legal Ad * Public Notice	20	209	3502	WW COLLECTION AND REUSE	General	11/17/2002	96	0	0	0	0	0	0	0	0	0	0	0	0	0	96	0
1414	10003840	Lift Sta 4M Pmt #10 Final	20	209	3502	WW COLLECTION AND REUSE	WW T&C	11/6/2002	5,967	0	0	0	0	0	0	0	2,381	3,586	0	0	0	0	0	0
1415	10003841	Lift Sta 4M Pmt #10 Final	20	209	3502	WW COLLECTION AND REUSE	WW T&C	11/6/2002	5,967	0	0	0	0	0	0	0	2,381	3,586	0	0	0	0	0	0
1416	10003842	Lift Sta 4M Western Relay Pmt #9	20	209	3502	WW COLLECTION AND REUSE	WW T&C	10/16/2002	245	0	0	0	0	0	0	0	98	147	0	0	0	0	0	0
1417	10003843	Lift Sta 4M Engineering Services	20	209	3502	WW COLLECTION AND REUSE	General	10/16/2002	13,171	0	0	0	0	0	0	0	0	0	0	0	0	0	13,171	0
1418	10003844	Lift Sta 4M Engineering Services	20	209	3502	WW COLLECTION AND REUSE	General	9/30/2003	3,032	0	0	0	0	0	0	0	0	0	0	0	0	0	3,032	0
1419	10003845	Lift Sta 4M Engineering Services	20	209	3502	WW COLLECTION AND REUSE	General	9/2/2003	800	0	0	0	0	0	0	0	0	0	0	0	0	0	800	0
1420	10003846	Lift Sta 4M Fed Ex	20	209	3502	WW COLLECTION AND REUSE	General	4/26/2005	7	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0
1421	10003847	Lift Sta 4M 6"" Flygt Pump 30 Hp	20	209	3502	WW COLLECTION AND REUSE	WW T&C	6/18/2001	30,952	0	0	0	0	0	0	0	12,353	18,600	0	0	0	0	0	0
1422	10003848	Lift Sta Misc (3) 8-In Dip Risers At 4M	20	209	3502	WW COLLECTION AND REUSE	WW T&C	8/13/2006	34,800	0	0	0	0	0	0	0	13,888	20,912	0	0	0	0	0	0
1423	10003849	Lift Sta 4M Prof Services	20	209	3502	WW COLLECTION AND REUSE	General	9/30/2002	118,391	0	0	0	0	0	0	0	0	0	0	0	0	0	118,391	0
1424	10003865	It-Server-Questys Document Imaging	30	308	1303	INFORMATION TECHNOLOGY	OTHER	8/3/2001	9,711	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,711
1425	10003866	It-Server-Click 2 Gov Core & Modules	30	308	1303	INFORMATION TECHNOLOGY	OTHER	5/29/2001	16,460	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16,460
1426	10003867	Veh 01 Liftmore Power Hoist Power Boom	30	303	3501	WASTERWATER PLANT	General	7/2/2001	14,084	0	0	0	0	0	0	0	0	0	0	0	0	0	14,084	0
1427	10003869	Veh 01 Utility Body	40	404	3502	WW COLLECTION AND REUSE	General	7/2/2001	4,341	0	0	0	0	0	0	0	0	0	0	0	0	0	4,341	0
1428	10003880	Cmplx Fleet New Fuel Storage Facility	10	105	4103	FLEET	OTHER	6/27/2008	117,487	0	0	0	0	0	0	0	0	0	0	0	0	0	0	117,487
1429	10004357	Water System Fire Hydrants 00-01	20	208	3302	WATER DISTRIBUTION	W HYDRANTS	10/1/2000	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
1430	10004358	38 Hydrants & Sod	20	208	3302	WATER DISTRIBUTION	W HYDRANTS	6/18/2001	49,768	0	0	0	49,768	0	0	0	0	0	0	0	0	0	0	0
1431	10004359	Hydrant Valve & Pipe Fittings	20	208	3302	WATER DISTRIBUTION	W HYDRANTS	5/3/2001	108,678	0	0	0	108,678	0	0	0	0	0	0	0	0	0	0</	

Appendix I
City of Ormond Beach
Water and Wastewater System Connection Fee Study

Fixed Asset Data and Asset Functionalization

Line No.	Asset Code	Description	Class CD	Subclass	Location	Location Description	Allocation	Date Acquired	Acquired Cost	Water						Wastewater		Reclaimed			Other Plant		Other
										Supply	Treatment	Transmission	Distribution	Hydrants	Meters	Treatment	Collection	Treatment	Transmission	Distribution	Indirect	General	
1469	10004524	Drainage - Dormont Slip Lining Sanitary	20	209	3501	WASTERWATER PLANT	WW T&C	9/27/2005	5,197	0	0	0	0	0	0	2,074	3,123	0	0	0	0	0	0
1470	10004528	2"" Water Main Replacement Portion Of Th	20	208	3301	WATER PLANT	W T&D	12/5/2005	14,663	0	0	4,346	10,318	0	0	0	0	0	0	0	0	0	0
1471	10004529	2"" Water Main Replacement Portion Of Th	20	208	3301	WATER PLANT	W T&D	12/5/2005	1,828	0	0	542	1,286	0	0	0	0	0	0	0	0	0	0
1472	10004530	Slip Lining Of Sanitary Sewer Portion Of	20	209	3501	WASTERWATER PLANT	WW T&C	12/5/2005	4,178	0	0	0	0	0	0	1,667	2,510	0	0	0	0	0	0
1473	10004531	Addition Of 12-In Force Main From John A	20	209	3501	WASTERWATER PLANT	WW T&C	12/5/2005	53,572	0	0	0	0	0	0	21,380	32,192	0	0	0	0	0	0
1474	10004533	Change Order #3-Additl Water Tie-In On A	20	208	3301	WATER PLANT	W T&D	5/5/2006	1,500	0	0	445	1,055	0	0	0	0	0	0	0	0	0	0
1475	10004534	Change Order #4 - Water Main Upgrades	20	208	3301	WATER PLANT	W T&D	5/5/2006	19,200	0	0	5,690	13,510	0	0	0	0	0	0	0	0	0	0
1476	10004535	Addition Of 12-In Force Main From John A	20	209	3501	WASTERWATER PLANT	WW T&C	5/5/2006	30,318	0	0	0	0	0	0	12,099	18,219	0	0	0	0	0	0
1477	10004536	Change Order #2, Construction Of New 12-	20	209	3501	WASTERWATER PLANT	WW T&C	5/5/2006	22,445	0	0	0	0	0	0	8,957	13,488	0	0	0	0	0	0
1478	10004593	Well 1 Rima Well Field - #50 - #53 Rima	20	208	3301	WATER PLANT	W Supply	11/15/2001	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1479	10004594	Prof Services	20	208	3301	WATER PLANT	General	11/15/2001	2,658	0	0	0	0	0	0	0	0	0	0	0	0	2,658	0
1480	10004595	Prof Services	20	208	3301	WATER PLANT	General	12/6/2001	8,223	0	0	0	0	0	0	0	0	0	0	0	0	8,223	0
1481	10004596	Water Permit	20	208	3301	WATER PLANT	General	1/7/2002	500	0	0	0	0	0	0	0	0	0	0	0	0	500	0
1482	10004597	Prof Services	20	208	3301	WATER PLANT	General	1/16/2002	12,654	0	0	0	0	0	0	0	0	0	0	0	0	12,654	0
1483	10004598	Prof Services	20	208	3301	WATER PLANT	General	3/6/2002	1,062	0	0	0	0	0	0	0	0	0	0	0	0	1,062	0
1484	10004599	Prof Services	20	208	3301	WATER PLANT	General	4/11/2002	1,062	0	0	0	0	0	0	0	0	0	0	0	0	1,062	0
1485	10004600	Prof Services	20	208	3301	WATER PLANT	General	5/2/2002	1,180	0	0	0	0	0	0	0	0	0	0	0	0	1,180	0
1486	10004601	24"" Raw Water Transmission Main	20	208	3301	WATER PLANT	W Supply	1/27/2004	3,741	3,741	0	0	0	0	0	0	0	0	0	0	0	0	0
1487	10004602	24-Inch Raw Water Main-Construction	20	208	3301	WATER PLANT	W Supply	1/30/2004	380,333	380,333	0	0	0	0	0	0	0	0	0	0	0	0	0
1488	10004603	Well Rima Ridge 24-Inch Raw Water Main-C	20	208	3301	WATER PLANT	W Supply	3/31/2004	196,901	196,901	0	0	0	0	0	0	0	0	0	0	0	0	0
1489	10004604	24-Inch Raw Water Transmission Main - Co	20	208	3301	WATER PLANT	W Supply	2/16/2004	889	889	0	0	0	0	0	0	0	0	0	0	0	0	0
1490	10004605	24-Inch Raw Water Main-Construction	20	208	3301	WATER PLANT	W Supply	2/24/2004	449,013	449,013	0	0	0	0	0	0	0	0	0	0	0	0	0
1491	10004606	24-Inch Raw Water Transmission Main - Co	20	208	3301	WATER PLANT	W Supply	3/2/2004	1,256	1,256	0	0	0	0	0	0	0	0	0	0	0	0	0
1492	10004607	24"" Raw Water Transmission Main	20	208	3301	WATER PLANT	W Supply	3/3/2004	4,814	4,814	0	0	0	0	0	0	0	0	0	0	0	0	0
1493	10004608	24-Inch Raw Water Main-Construction	20	208	3301	WATER PLANT	W Supply	3/22/2004	409,964	409,964	0	0	0	0	0	0	0	0	0	0	0	0	0
1494	10004609	24"" Raw Water Transmission Main	20	208	3301	WATER PLANT	W Supply	3/29/2004	6,217	6,217	0	0	0	0	0	0	0	0	0	0	0	0	0
1495	10004610	24-Inch Raw Water Transmission Main - Co	20	208	3301	WATER PLANT	W Supply	4/6/2004	555	555	0	0	0	0	0	0	0	0	0	0	0	0	0
1496	10004611	24-Inch Raw Water Transmission Main - Co	20	208	3301	WATER PLANT	W Supply	5/3/2004	735	735	0	0	0	0	0	0	0	0	0	0	0	0	0
1497	10004612	24"" Raw Water Transmission Main	20	208	3301	WATER PLANT	W Supply	5/19/2004	5,067	5,067	0	0	0	0	0	0	0	0	0	0	0	0	0
1498	10004613	24"" Raw Water Transmission Main	20	208	3301	WATER PLANT	W Supply	6/15/2004	2,690	2,690	0	0	0	0	0	0	0	0	0	0	0	0	0
1499	10004614	24-Inch Raw Water Main-Construction	20	208	3301	WATER PLANT	W Supply	9/30/2004	77,721	77,721	0	0	0	0	0	0	0	0	0	0	0	0	0
1500	10004615	24"" Raw Water Transmission Main	20	208	3301	WATER PLANT	W Supply	9/14/2004	1,504	1,504	0	0	0	0	0	0	0	0	0	0	0	0	0
1501	10004616	40 Additional Hours Of Construction Insp	20	208	3301	WATER PLANT	General	9/14/2004	1,260	0	0	0	0	0	0	0	0	0	0	0	0	1,260	0
1502	10004617	16"" Potable Wtr Main Ext.	20	208	3301	WATER PLANT	W T&D	10/8/2003	620	0	0	184	436	0	0	0	0	0	0	0	0	0	0
1503	10004618	Legal Ad*Public Notice	20	208	3301	WATER PLANT	General	8/17/2003	94	0	0	0	0	0	0	0	0	0	0	0	0	94	0
1504	10004619	Water Permit	20	208	3301	WATER PLANT	General	6/5/2003	375	0	0	0	0	0	0	0	0	0	0	0	0	375	0
1505	10004620	Field Survey*Rima Ridge	70	701	3301	WATER PLANT	General	11/22/2002	13,800	0	0	0	0	0	0	0	0	0	0	0	0	13,800	0
1506	10004621	Field Survey	70	701	3301	WATER PLANT	General	10/26/2002	3,928	0	0	0	0	0	0	0	0	0	0	0	0	3,928	0
1507	10004622	Eng Services	20	208	3301	WATER PLANT	General	9/30/2003	75,498	0	0	0	0	0	0	0	0	0	0	0	0	75,	

Appendix 1
City of Ormond Beach
Water and Wastewater System Connection Fee Study

Fixed Asset Data and Asset Functionalization

No.	Asset Code	Description	Class CD	Subclass	Location	Location Description	Allocation	Date Acquired	Acquired Cost	Water						Wastewater		Reclaimed		Other Plant				
										Supply	Treatment	Transmission	Distribution	Hydrants	Meters	Treatment	Transmission	Collection	Treatment	Transmission	Distribution	Indirect	General	Other
1567	10004682	Construction	20	208	3301	WATER PLANT	W Treatment	1/25/1994	22,202	0	22,202	0	0	0	0	0	0	0	0	0	0	0	0	0
1568	10004683	Construction	20	208	3301	WATER PLANT	W Treatment	12/24/1993	36,635	0	36,635	0	0	0	0	0	0	0	0	0	0	0	0	0
1569	10004684	Construction	20	208	3301	WATER PLANT	W Treatment	11/25/1993	84,550	0	84,550	0	0	0	0	0	0	0	0	0	0	0	0	0
1570	10004685	Construction	20	208	3301	WATER PLANT	W Treatment	10/25/1993	117,935	0	117,935	0	0	0	0	0	0	0	0	0	0	0	0	0
1571	10004686	Equipping Well 52 And 53	20	208	3301	WATER PLANT	W Supply	3/4/1994	34	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1572	10004687	Well #52 & 53 Rima Ridge	20	208	3301	WATER PLANT	W Supply	9/30/1994	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1573	10004688	Well Pump & Motor For Well #53	20	208	3301	WATER PLANT	W Supply	7/27/2006	4,988	4,988	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1574	10004689	Well Rima Ridge-Eng-Consol Survey	20	208	3301	WATER PLANT	W Supply	3/11/2008	5,990	5,990	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1575	10004690	Well Rima Ridge-Eng-Barnes Fer-6 Invoice	20	208	3301	WATER PLANT	W Supply	12/20/2007	5,617	5,617	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1576	10004691	Well Rima Ridge-Eng-Pennington Moore-3 I	20	208	3301	WATER PLANT	W Supply	12/20/2007	5,356	5,356	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1577	10004692	Well Rima Ridge-Eng-Pennington Moore-9 I	20	208	3301	WATER PLANT	W Supply	9/24/2007	8,688	8,688	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1578	10004693	Well Rima Ridge 24-Inch Raw Water Main-C	20	208	3301	WATER PLANT	W Supply	9/30/2004	160,321	160,321	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1579	10004694	Prof Services	20	208	3301	WATER PLANT	General	1/16/2002	5,034	0	0	0	0	0	0	0	0	0	0	0	0	0	5,034	0
1580	10004695	Rst 01 Thompson 6Tsv-Djdrd Vacuum 6"" Po	30	305	3501	WASTERWATER PLANT	General	11/30/2001	30,700	0	0	0	0	0	0	0	0	0	0	0	0	0	30,700	0
1581	10004706	Pump Sta Rehab & Upgrades	20	208	3301	WATER PLANT	W T&D	2/7/2002	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
1582	10004707	Pump Station Rehabilitation	20	209	3502	WW COLLECTION AND REUSE	WW T&C	12/29/2005	2,246	0	0	0	0	0	0	896	1,350	0	0	0	0	0	0	0
1583	10004708	Pump Sta Eng Design For Standby Generato	20	209	3502	WW COLLECTION AND REUSE	General	12/29/2005	7,099	0	0	0	0	0	0	0	0	0	0	0	0	0	7,099	0
1584	10004709	Pump Station Rehabilitation	20	209	3502	WW COLLECTION AND REUSE	WW T&C	2/9/2006	1,797	0	0	0	0	0	0	717	1,080	0	0	0	0	0	0	0
1585	10004710	Pump Station Rehabilitation	20	209	3502	WW COLLECTION AND REUSE	WW T&C	2/9/2006	389	0	0	0	0	0	0	155	234	0	0	0	0	0	0	0
1586	10004711	Pump Station Rehabilitation	20	209	3502	WW COLLECTION AND REUSE	WW T&C	3/8/2006	449	0	0	0	0	0	0	179	270	0	0	0	0	0	0	0
1587	10004712	Pump Station Rehabilitation	20	209	3502	WW COLLECTION AND REUSE	WW T&C	5/15/2006	3,301	0	0	0	0	0	0	1,317	1,983	0	0	0	0	0	0	0
1588	10004713	Pump Station Rehabilitation	20	209	3502	WW COLLECTION AND REUSE	WW T&C	5/15/2006	551	0	0	0	0	0	0	220	331	0	0	0	0	0	0	0
1589	10004714	Pump Sta Northwest Booster Pump Station	20	208	3302	WATER DISTRIBUTION	W T&D	6/20/1994	1,652	0	0	489	1,162	0	0	0	0	0	0	0	0	0	0	0
1590	10004741	Gen 02 John Deere Jd120S/13 (At Hunters	30	302	3502	WW COLLECTION AND REUSE	General	5/7/2002	24,782	0	0	0	0	0	0	0	0	0	0	0	0	0	24,782	0
1591	10004768	2"" Diameter Main Replacement Portion Of	20	208	3301	WATER PLANT	W T&D	6/14/2005	1,696	0	0	503	1,193	0	0	0	0	0	0	0	0	0	0	0
1592	10004770	2"" Diameter Main Replacement Portion Of	20	208	3301	WATER PLANT	W T&D	8/3/2005	904	0	0	268	636	0	0	0	0	0	0	0	0	0	0	0
1593	10004777	2"" Diameter Main Replacement Portion Of	20	208	3301	WATER PLANT	W T&D	7/18/2005	1,581	0	0	469	1,113	0	0	0	0	0	0	0	0	0	0	0
1594	10004787	2"" Diameter Main Replacement Portion Of	20	208	3301	WATER PLANT	W T&D	9/28/2005	953	0	0	282	670	0	0	0	0	0	0	0	0	0	0	0
1595	10004791	2"" Diameter Main Replacement Portion Of	20	208	3301	WATER PLANT	W T&D	9/28/2005	1,529	0	0	453	1,076	0	0	0	0	0	0	0	0	0	0	0
1596	10004797	2"" Diameter Main Replacement Portion Of	20	208	3301	WATER PLANT	W T&D	11/17/2005	1,151	0	0	341	810	0	0	0	0	0	0	0	0	0	0	0
1597	10004801	2"" Diameter Main Replacement Portion Of	20	208	3301	WATER PLANT	W T&D	12/14/2005	1,204	0	0	357	848	0	0	0	0	0	0	0	0	0	0	0
1598	10004807	2"" Diameter Main Replacement Portion Of	20	208	3301	WATER PLANT	W T&D	2/16/2006	3,967	0	0	1,176	2,791	0	0	0	0	0	0	0	0	0	0	0
1599	10004811	2"" Diameter Main Replacement Portion Of	20	208	3301	WATER PLANT	W T&D	3/20/2006	4,568	0	0	1,354	3,214	0	0	0	0	0	0	0	0	0	0	0
1600	10004816	2"" Diameter Main Replacement Portion Of	20	208	3301	WATER PLANT	W T&D	1/11/2006	1,597	0	0	473	1,124	0	0	0	0	0	0	0	0	0	0	0
1601	10004818	2"" Diameter Main Replacement Portion Of	20	208	3301	WATER PLANT	W T&D	5/18/2006	2,169	0	0	643	1,526	0	0	0	0	0	0	0	0	0	0	0
1602	10004819	2"" Diameter Main Replacement Portion Of	20	208	3301	WATER PLANT	W T&D	4/25/2006	3,980	0	0	1,179	2,800	0	0	0	0	0	0	0	0	0	0	0
1603	10004835	2"" Diameter Main Replacement Portion Of	20	208	3301	WATER PLANT	W T&D	6/8/2006	2,450	0	0	726	1,724	0	0	0	0	0	0	0	0	0	0	0
1604	10004838	2"" Diameter Main Replacement Portion Of	20	208	3301	WATER PLANT	W T&D	7/12/2006	1,518	0	0	450	1,068	0	0	0	0	0	0	0	0	0	0	0
1605	10004843	Wtr Main Hull Road & Airport Rd 12"" Loo	20	208	3301	WATER PLANT	W T&D	9/30/2002	4,350	0	0	1,289	3,061	0	0	0	0	0	0	0	0	0	0	0
1606	10004844	Wtr Main Obsc Road Extension Constructio	20	208	3302	WATER DISTRIBUTION	W T&D	9/30/2007	39,074	0	0	11,580	27,494	0	0	0	0	0	0	0	0	0	0	0
1607	10004845	Wtr Main Obsc Road Extension Constructio	20	208	3302	WATER DISTRIBUTION	W T&D	12/19/2007	2,926	0	0	867	2,059	0	0	0	0	0	0	0	0	0	0	0
1608	10004920	It-Esri - Gis Software For Looking Glass	30	308	3301	WATER PLANT	W T&D	9/27/2004	6,064	0	0	1,797	4,267	0	0	0	0	0	0	0	0	0	0	0
1609	10004921	It-Esri - Gis Software License For Looking	30	308	3301	WATER PLANT	General	9/27/2004	6,064	0	0	0	0	0	0	0	0	0	0	0	0	0	6,064	0
1610	10005028	I-95/Us1 Utility Relocation	20	208	3301	WATER PLANT	W T&D	1/7/2004	19,460	0	0	5,767	13,693	0	0	0	0	0	0	0	0	0	0	0
1611	10005029	I-95/Us1 Utility Relocation - Constructi	20	208	3301	WATER PLANT	W T&D	10/31/2003	138,236	0	0	40,968	97,268	0	0	0	0	0	0	0	0	0	0	0
1612	10005030	I-95/Us1 Utility Relocation - Constructi	20	208	3301	WATER PLANT	W T&D	1/21/2004	1,165	0	0	345	820	0	0	0	0	0	0	0	0	0	0	0
1613	10005031	I-95/Us1 Utility Relocation - Constructi	20	208	3301	WATER PLANT	W T&D	1/22/2004	1,165	0	0	345	820	0	0	0	0	0	0	0	0	0	0	0
1614	10005032	I-95/Us1 Utility Relocation	20	208	3301	WATER PLANT	W T&D	1/27/2004	1,854	0	0	549	1,305	0	0	0	0	0	0	0	0	0	0	0
1615	10005033	Fed Ex	20	208	3301	WATER PLANT	General	12/15/2003	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0
1616	10005034	Fed Ex	20	208	3301	WATER PLANT	General	10/28/2003	11	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0
1617	10005035	Const Services	20	208	3301	WATER PLANT	General	12/22/2003	3,200	0	0	0	0	0	0	0	0	0	0	0	0	0	3,200	0
1618	10005036	Fed Ex	20	208	3301	WATER PLANT	General	4/22/2003	26	0	0	0	0	0	0	0	0	0	0	0	0	0	26	0
1619	10005037	Legal Ad Public Notice Bid #2003-12	20	208	3301	WATER PLANT	General	4/13/2003	114	0	0	0	0	0	0	0	0	0	0	0	0	0	114	0
1620	10005038	Engin. Services	20	208	3301	WATER PLANT	General	4/30/2003	2,210	0	0	0	0	0	0	0	0	0	0	0	0	0	2,210	0
1621	10005039	Eng. Services	20	208	3301	WATER PLANT	General	9/30/2003	12,628	0	0	0	0	0	0	0	0	0	0	0	0	0	12,628	0
1622	10005040	Eng. Services	20	208	3301	WATER PLANT	General	6/3/2003	4,741	0	0	0	0	0	0	0	0	0	0	0	0	0	4,741	0
1623	10005041	Eng. Services	20	208	3301	WATER PLANT	General	5/31/2003	75	0	0	0	0	0	0	0	0	0	0	0	0	0	75	0
1624	10005042	Eng. Services	20	208	3301	WATER PLANT	General	4/25/2003	4,380	0	0	0	0	0	0	0	0	0	0	0	0	0	4,380	0
1625	10005043	Drinking Water Permit	20	208	3301	WATER PLANT	General	3/24/2003	500	0	0	0	0	0	0	0	0	0	0	0	0	0	500	0
1626	10005044	Eng. Services	20	208	3301	WATER PLANT	General	1/29/2003	23,098	0	0	0	0	0	0	0	0	0	0	0	0	0	23,098	0
1627	10005045	Eng Services	20	208	3301	WATER PLANT	General	1/3/2003	9,524	0	0	0	0	0	0	0	0	0	0	0	0	0	9,524	0
1628	10005046	Eng. Services	20	208	330																			

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Fixed Asset Data and Asset Functionalization

No.	Asset Code	Description	Class CD	Subclass	Location	Location Description	Allocation	Date Acquired	Acquired Cost	Water						Wastewater			Reclaimed		Other Plant		
										Supply	Treatment	Transmission	Distribution	Hydrants	Meters	Treatment	Transmission	Collection	Treatment	Transmission	Distribution	Indirect	General
1665	10005630	40 Additional Hours Of Construction Insp	20	208	3301	WATER PLANT	General	9/14/2004	420	0	0	0	0	0	0	0	0	0	0	0	420	0	
1666	10005631	Joint Participation Agreement W/The Deve	20	209	3501	WASTERWATER PLANT	Other	11/22/2004	113,973	0	0	0	0	0	0	0	0	0	0	0	0	113,973	
1667	10005632	Sr 40 Wtr Main	20	208	3302	WATER DISTRIBUTION	W T&D	12/22/2004	923	0	0	274	649	0	0	0	0	0	0	0	0	0	
1668	10005633	Joint Participation Agreement W/The Deve	20	209	3501	WASTERWATER PLANT	Other	12/21/2004	92,903	0	0	0	0	0	0	0	0	0	0	0	0	92,903	
1669	10005634	24"" Raw Wtr Transmi Main	20	208	3301	WATER PLANT	W Supply	10/8/2003	207	207	0	0	0	0	0	0	0	0	0	0	0	0	
1670	10005635	Prof Services	20	209	3501	WASTERWATER PLANT	Other	9/30/2004	8,425	0	0	0	0	0	0	0	0	0	0	0	0	8,425	
1671	10005636	Offsite Sewer Reimbursement	20	209	3501	WASTERWATER PLANT	Other	8/30/2004	30,319	0	0	0	0	0	0	0	0	0	0	0	0	30,319	
1672	10005637	Booth Rd Utility Ext.	20	208	3301	WATER PLANT	W T&D	10/23/2002	6	0	0	2	4	0	0	0	0	0	0	0	0	0	
1673	10005638	Booth Rd Pmt #1	20	208	3301	WATER PLANT	General	12/31/2002	48,397	0	0	0	0	0	0	0	0	0	0	0	48,397	0	
1674	10005639	Copies	20	209	3502	WW COLLECTION AND REUSE	General	10/14/2002	47	0	0	0	0	0	0	0	0	0	0	0	47	0	
1675	10005640	Water Permit	20	208	3301	WATER PLANT	General	6/5/2003	125	0	0	0	0	0	0	0	0	0	0	0	125	0	
1676	10005641	Eng Services	20	208	3301	WATER PLANT	General	6/3/2003	12,130	0	0	0	0	0	0	0	0	0	0	0	12,130	0	
1677	10005642	Pmt #2 Eng Services	20	208	3301	WATER PLANT	General	4/24/2003	8,088	0	0	0	0	0	0	0	0	0	0	0	8,088	0	
1678	10005643	Joint Participation Agreement W/The Deve	20	209	3501	WASTERWATER PLANT	Other	1/18/2005	81,144	0	0	0	0	0	0	0	0	0	0	0	0	81,144	
1679	10005644	16"" Potable Water Main Extension	20	208	3301	WATER PLANT	W T&D	1/24/2005	256	0	0	76	180	0	0	0	0	0	0	0	0	0	
1680	10005645	Joint Participation Agreement W/The Deve	20	209	3501	WASTERWATER PLANT	Other	2/9/2005	81,953	0	0	0	0	0	0	0	0	0	0	0	0	81,953	
1681	10005646	16"" Potable Water Main Extension	20	208	3301	WATER PLANT	W T&D	1/27/2004	1,247	0	0	370	877	0	0	0	0	0	0	0	0	0	
1682	10005647	16-Inch Potable Water Main Extension-Con	20	208	3301	WATER PLANT	W T&D	1/30/2004	139,277	0	0	41,276	98,001	0	0	0	0	0	0	0	0	0	
1683	10005648	Wtr Main Sr40 16-Inch Potable Water Main	20	208	3301	WATER PLANT	W T&D	3/31/2004	72,105	0	0	21,369	50,736	0	0	0	0	0	0	0	0	0	
1684	10005649	16-Inch Potalbe Water Main Extension -Co	20	208	3301	WATER PLANT	W T&D	2/16/2004	296	0	0	88	208	0	0	0	0	0	0	0	0	0	
1685	10005650	16-Inch Potable Water Main Extension-Con	20	208	3301	WATER PLANT	W T&D	2/24/2004	164,427	0	0	48,730	115,697	0	0	0	0	0	0	0	0	0	
1686	10005651	16-Inch Potable Water Main Extension -Co	20	208	3301	WATER PLANT	W T&D	3/2/2004	419	0	0	124	295	0	0	0	0	0	0	0	0	0	
1687	10005652	16"" Potable Water Main Extension	20	208	3301	WATER PLANT	W T&D	3/3/2004	1,605	0	0	476	1,129	0	0	0	0	0	0	0	0	0	
1688	10005653	16-Inch Potable Water Main Extension-Con	20	208	3301	WATER PLANT	W T&D	3/22/2004	150,127	0	0	44,492	105,636	0	0	0	0	0	0	0	0	0	
1689	10005654	16"" Potable Water Main Extension	20	208	3301	WATER PLANT	W T&D	3/29/2004	2,072	0	0	614	1,458	0	0	0	0	0	0	0	0	0	
1690	10005655	16-Inch Potalbe Water Main Extension -Co	20	208	3301	WATER PLANT	W T&D	4/6/2004	185	0	0	55	130	0	0	0	0	0	0	0	0	0	
1691	10005656	16-Inch Potalbe Water Main Extension -Co	20	208	3301	WATER PLANT	W T&D	5/3/2004	245	0	0	73	172	0	0	0	0	0	0	0	0	0	
1692	10005657	16"" Potable Water Main Extension	20	208	3301	WATER PLANT	W T&D	5/19/2004	1,689	0	0	501	1,188	0	0	0	0	0	0	0	0	0	
1693	10005658	16"" Potable Water Main Extension	20	208	3301	WATER PLANT	W T&D	6/15/2004	897	0	0	266	631	0	0	0	0	0	0	0	0	0	
1694	10005659	Raw Water Main Repair/Relocation On Sr40	20	208	3301	WATER PLANT	W Supply	9/30/2004	12,592	12,592	0	0	0	0	0	0	0	0	0	0	0	0	
1695	10005660	Raw Water Main Repair/Relocation On Sr40	20	208	3301	WATER PLANT	W Supply	3/22/2004	17,322	17,322	0	0	0	0	0	0	0	0	0	0	0	0	
1696	10005661	Raw Water Main Repair/Relocation On Sr40	20	208	3301	WATER PLANT	W Supply	2/24/2004	18,972	18,972	0	0	0	0	0	0	0	0	0	0	0	0	
1697	10005662	Raw Water Main Repair/Relocation On Sr40	20	208	3301	WATER PLANT	W Supply	1/30/2004	16,070	16,070	0	0	0	0	0	0	0	0	0	0	0	0	
1698	10005663	Raw Water Main Repair/Relocation On Sr40	20	208	3301	WATER PLANT	W Supply	1/30/2004	16,070	16,070	0	0	0	0	0	0	0	0	0	0	0	0	
1699	10005664	Water Main Break*Emergency Repair	20	208	3301	WATER PLANT	W T&D	11/9/1999	10,040	0	0	2,975	7,065	0	0	0	0	0	0	0	0	0	
1700	10005665	Concrete For Pipe Forms	20	208	3301	WATER PLANT	General	8/18/2005	179	0	0	0	0	0	0	0	0	0	0	0	179	0	
1701	10005666	Const. Services	20	209	3501	WASTERWATER PLANT	Other	3/20/2005	8,617	0	0	0	0	0	0	0	0	0	0	0	0	8,617	
1702	10005667	Construction Services	20	209	3501	WASTERWATER PLANT	Other	2/20/2005	24,139	0	0	0	0	0	0	0	0	0	0	0	0	24,139	
1703	10005668	Const. Services	20	209	3501	WASTERWATER PLANT	Other	11/25/2004	74,813	0	0	0	0	0	0	0	0	0	0	0	0	74,813	
1704	10005669	Const Services	20	209	3501	WASTERWATER PLANT	Other	11/25/2004	74,813	0	0	0	0	0	0	0	0	0	0	0	0	74,813	

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Fixed Asset Data and Asset Functionalization

No.	Asset Code	Description	Class CD	Subclass	Location	Location Description	Allocation	Date Acquired	Acquired Cost	Water						Wastewater		Reclaimed			Other Plant		Other	
										Supply	Treatment	Transmission	Distribution	Hydrants	Meters	Treatment	Transmission	Collection	Treatment	Transmission	Distribution	Indirect		General
1763	10005906	Rotating Assembly For Aurora Pump	30	305	3502	WW COLLECTION AND REUSE	WW T&C	9/1/2000	9,775	0	0	0	0	0	0	0	3,901	5,874	0	0	0	0	0	0
1764	10005907	Pumps/172	30	305	3502	WW COLLECTION AND REUSE	WW T&C	12/6/1999	45,264	0	0	0	0	0	0	0	18,064	27,200	0	0	0	0	0	0
1765	10005908	New Style Chambers 16"	30	309	3502	WW COLLECTION AND REUSE	WW T&C	4/15/2004	1,980	0	0	0	0	0	0	0	790	1,190	0	0	0	0	0	0
1766	10005909	Risers New Style 12"	30	309	3502	WW COLLECTION AND REUSE	WW T&C	4/15/2004	1,200	0	0	0	0	0	0	0	479	721	0	0	0	0	0	0
1767	10005910	J-Boxes	30	309	3502	WW COLLECTION AND REUSE	WW T&C	4/15/2004	540	0	0	0	0	0	0	0	216	324	0	0	0	0	0	0
1768	10005911	Control Panels	30	309	3502	WW COLLECTION AND REUSE	WW T&C	4/15/2004	1,980	0	0	0	0	0	0	0	790	1,190	0	0	0	0	0	0
1769	10005912	New Style Lids	30	309	3502	WW COLLECTION AND REUSE	WW T&C	4/15/2004	248	0	0	0	0	0	0	0	99	149	0	0	0	0	0	0
1770	10005913	Old Style Lids	30	309	3502	WW COLLECTION AND REUSE	WW T&C	4/15/2004	216	0	0	0	0	0	0	0	86	130	0	0	0	0	0	0
1771	10005914	Tsurumi Effluent Pumps	30	305	3502	WW COLLECTION AND REUSE	WW T&C	6/11/2004	6,900	0	0	0	0	0	0	0	2,754	4,146	0	0	0	0	0	0
1772	10005915	Tsurumi Effluent Pumps	30	305	3502	WW COLLECTION AND REUSE	WW T&C	6/11/2004	6,900	0	0	0	0	0	0	0	2,754	4,146	0	0	0	0	0	0
1773	10005916	New Style Chambers 16"	30	309	3502	WW COLLECTION AND REUSE	WW T&C	8/12/2004	2,475	0	0	0	0	0	0	0	988	1,487	0	0	0	0	0	0
1774	10005917	Tsurumi Effluent Pumps	30	305	3502	WW COLLECTION AND REUSE	WW T&C	9/15/2004	5,175	0	0	0	0	0	0	0	2,065	3,110	0	0	0	0	0	0
1775	10005918	Tsurumi Effluent Pumps	30	305	3502	WW COLLECTION AND REUSE	WW T&C	10/4/2004	6,900	0	0	0	0	0	0	0	2,754	4,146	0	0	0	0	0	0
1776	10005919	Float Switch	30	309	3502	WW COLLECTION AND REUSE	WW T&C	10/8/2003	273	0	0	0	0	0	0	0	109	164	0	0	0	0	0	0
1777	10005920	Pilot Green Bulbs	30	309	3502	WW COLLECTION AND REUSE	WW T&C	10/8/2003	216	0	0	0	0	0	0	0	86	130	0	0	0	0	0	0
1778	10005921	110 V Automatic Pumps	30	305	3502	WW COLLECTION AND REUSE	WW T&C	9/5/2003	1,725	0	0	0	0	0	0	0	688	1,037	0	0	0	0	0	0
1779	10005922	Tsurumi Pump .5/Hp 15	30	305	3502	WW COLLECTION AND REUSE	WW T&C	7/2/2003	5,175	0	0	0	0	0	0	0	2,065	3,110	0	0	0	0	0	0
1780	10005923	Pep Tank Parts	30	309	3502	WW COLLECTION AND REUSE	WW COLLECTION	5/30/2003	2,190	0	0	0	0	0	0	0	0	2,190	0	0	0	0	0	0
1781	10005924	Pep Tank Parts	30	309	3502	WW COLLECTION AND REUSE	WW COLLECTION	5/23/2003	2,760	0	0	0	0	0	0	0	0	2,760	0	0	0	0	0	0
1782	10005925	Rehab Pumps	30	305	3502	WW COLLECTION AND REUSE	WW T&C	5/23/2003	5,175	0	0	0	0	0	0	0	2,065	3,110	0	0	0	0	0	0
1783	10005926	Pep Tank Parts	30	309	3502	WW COLLECTION AND REUSE	WW COLLECTION	5/14/2003	11,426	0	0	0	0	0	0	0	0	11,426	0	0	0	0	0	0
1784	10005927	16" Chambers For Rehabs	30	309	3502	WW COLLECTION AND REUSE	WW T&C	4/15/2003	495	0	0	0	0	0	0	0	198	297	0	0	0	0	0	0
1785	10005928	Bjm Auto. Pumps .5Hp	30	305	3502	WW COLLECTION AND REUSE	WW T&C	4/9/2003	4,425	0	0	0	0	0	0	0	1,766	2,659	0	0	0	0	0	0
1786	10005929	Pvc Materials	30	309	3502	WW COLLECTION AND REUSE	WW T&C	4/1/2003	1,057	0	0	0	0	0	0	0	422	635	0	0	0	0	0	0
1787	10005930	Junction Boxes, Control Panel,P/C Insert	30	309	3502	WW COLLECTION AND REUSE	WW T&C	2/27/2003	5,382	0	0	0	0	0	0	0	2,148	3,234	0	0	0	0	0	0
1788	10005931	Reuse Pump Replacement Parts	30	305	3502	WW COLLECTION AND REUSE	WW T&C	2/10/2003	85	0	0	0	0	0	0	0	34	51	0	0	0	0	0	0
1789	10005932	Bjm .05Hp Pump	30	305	3502	WW COLLECTION AND REUSE	WW T&C	12/20/2002	8,850	0	0	0	0	0	0	0	3,532	5,318	0	0	0	0	0	0
1790	10005933	Tsurumi Pump	30	305	3502	WW COLLECTION AND REUSE	WW T&C	11/6/2002	5,999	0	0	0	0	0	0	0	2,394	3,605	0	0	0	0	0	0
1791	10005934	Eff. Pump Replacement	30	305	3502	WW COLLECTION AND REUSE	WW T&C	10/2/2002	5,999	0	0	0	0	0	0	0	2,394	3,605	0	0	0	0	0	0
1792	10005935	1050 Gal Traffic Tank Assembled W/Marine	30	310	3502	WW COLLECTION AND REUSE	WW T&C	8/20/2004	6,063	0	0	0	0	0	0	0	2,419	3,643	0	0	0	0	0	0
1793	10005936	1050 Gal Traffic Tank Assembled W/Marine	30	310	3502	WW COLLECTION AND REUSE	WW T&C	8/30/2004	6,063	0	0	0	0	0	0	0	2,419	3,643	0	0	0	0	0	0
1794	10005937	1050 Gal Traffic Tank Assembled W/Marine	30	310	3502	WW COLLECTION AND REUSE	WW T&C	9/29/2004	6,063	0	0	0	0	0	0	0	2,419	3,643	0	0	0	0	0	0
1795	10005938	Tsurumi Effluent Pumps	30	305	3502	WW COLLECTION AND REUSE	WW T&C	12/15/2004	6,900	0	0	0	0	0	0	0	2,754	4,146	0	0	0	0	0	0
1796	10005939	Pumps & Accessories	30	305	3502	WW COLLECTION AND REUSE	WW T&C	8/11/2004	5,175	0	0	0	0	0	0	0	2,065	3,110	0	0	0	0	0	0
1797	10005940	E/One 2' Extension Kit	30	305	3502	WW COLLECTION AND REUSE	WW T&C	1/11/2005	732	0	0	0	0	0	0	0	292	440	0	0	0	0	0	0
1798	10005941	E/One 2' Extension Kit	30	305	3502	WW COLLECTION AND REUSE	WW T&C	1/11/2005	411	0	0	0	0	0	0	0	164	247	0	0	0	0	0	0
1799	10005942	1050 Gal Traffic Tank Assemble W/Marine	30	310	3502	WW COLLECTION AND REUSE	WW T&C	1/11/2005	7,275	0	0	0	0	0	0	0	2,903	4,372	0	0	0	0	0	0
1800	10005943	1050 Gal Traffic Tank Assemble W/Marine	30																					

Appendix 1
City of Ormond Beach
Water and Wastewater System Connection Fee Study

Fixed Asset Data and Asset Functionalization

No.	Asset Code	Description	Class CD	Subclass	Location	Location Description	Allocation	Date Acquired	Acquired Cost	Water						Wastewater		Reclaimed		Other Plant				
										Supply	Treatment	Transmission	Distribution	Hydrants	Meters	Treatment	Transmission	Collection	Treatment	Transmission	Distribution	Indirect	General	Other
1861	10006004	Risers New Style 12"	30	309	3502	WW COLLECTION AND REUSE	General	8/30/2004	1,500	0	0	0	0	0	0	0	0	0	0	0	0	0	1,500	0
1862	10006005	J-Boxes	30	309	3502	WW COLLECTION AND REUSE	General	8/30/2004	675	0	0	0	0	0	0	0	0	0	0	0	0	0	675	0
1863	10006006	Control Panels	30	309	3502	WW COLLECTION AND REUSE	General	8/30/2004	990	0	0	0	0	0	0	0	0	0	0	0	0	0	990	0
1864	10006007	Tsurumi Effluent Pumps	30	305	3502	WW COLLECTION AND REUSE	WW T&C	6/11/2004	6,900	0	0	0	0	0	0	0	2,754	4,146	0	0	0	0	0	0
1865	10006008	1050 Gal Traffic Tank Assemble W/Marine	30	310	3502	WW COLLECTION AND REUSE	WW T&C	10/25/2004	7,275	0	0	0	0	0	0	0	2,903	4,372	0	0	0	0	0	0
1866	10006009	1050 Gal Traffic Tank Assemble W/Marine	30	310	3502	WW COLLECTION AND REUSE	WW T&C	10/25/2004	7,275	0	0	0	0	0	0	0	2,903	4,372	0	0	0	0	0	0
1867	10006010	1050 Gal Traffic Tank Assemble W/Marine	30	310	3502	WW COLLECTION AND REUSE	WW T&C	12/1/2004	2,425	0	0	0	0	0	0	0	968	1,457	0	0	0	0	0	0
1868	10006011	1050 Gal Traffic Tank Assemble W/Marine	30	310	3502	WW COLLECTION AND REUSE	WW T&C	12/1/2004	7,275	0	0	0	0	0	0	0	2,903	4,372	0	0	0	0	0	0
1869	10006012	Tsurumi Effluent Pumps	30	305	3502	WW COLLECTION AND REUSE	WW T&C	12/15/2004	6,900	0	0	0	0	0	0	0	2,754	4,146	0	0	0	0	0	0
1870	10006013	Irrigation Material	30	309	3502	WW COLLECTION AND REUSE	General	7/25/2003	233	0	0	0	0	0	0	0	0	0	0	0	0	0	233	0
1871	10006014	1050 Gal Traffic Tank Assemble W/Marine	30	310	3502	WW COLLECTION AND REUSE	WW T&C	3/30/2005	7,275	0	0	0	0	0	0	0	2,903	4,372	0	0	0	0	0	0
1872	10006015	Replacement Pumps	30	305	3502	WW COLLECTION AND REUSE	WW T&C	12/7/2005	6,900	0	0	0	0	0	0	0	2,754	4,146	0	0	0	0	0	0
1873	10006016	Tsurumi Effluent Pumps	30	305	3502	WW COLLECTION AND REUSE	WW T&C	4/8/2005	6,900	0	0	0	0	0	0	0	2,754	4,146	0	0	0	0	0	0
1874	10006017	J Boxes	30	309	3502	WW COLLECTION AND REUSE	General	4/8/2005	450	0	0	0	0	0	0	0	0	0	0	0	0	0	450	0
1875	10006018	1 1/2" Rubber Bushings	30	309	3502	WW COLLECTION AND REUSE	General	4/8/2005	65	0	0	0	0	0	0	0	0	0	0	0	0	0	65	0
1876	10006019	High Level Floats	30	309	3502	WW COLLECTION AND REUSE	General	4/8/2005	350	0	0	0	0	0	0	0	0	0	0	0	0	0	350	0
1877	10006020	Repair Supplies	30	305	3502	WW COLLECTION AND REUSE	General	10/26/2005	296	0	0	0	0	0	0	0	0	0	0	0	0	0	296	0
1878	10006021	12" New Style Risers	30	309	3502	WW COLLECTION AND REUSE	General	4/22/2005	1,000	0	0	0	0	0	0	0	0	0	0	0	0	0	1,000	0
1879	10006022	New Style Lids (Small)	30	309	3502	WW COLLECTION AND REUSE	General	4/22/2005	360	0	0	0	0	0	0	0	0	0	0	0	0	0	360	0
1880	10006023	10 30" Lids @ \$41.25 Each	30	310	3502	WW COLLECTION AND REUSE	General	4/7/2005	413	0	0	0	0	0	0	0	0	0	0	0	0	0	413	0
1881	10006024	Riser*E-One Installation	30	309	3502	WW COLLECTION AND REUSE	General	9/25/2001	370	0	0	0	0	0	0	0	0	0	0	0	0	0	370	0
1882	10006025	Effluent Pump 16" Propeller	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/30/1998	5,600	0	0	0	0	0	0	0	2,235	3,365	0	0	0	0	0	0
1883	10006026	Paint And Pump Repairs	30	305	3502	WW COLLECTION AND REUSE	WW T&C	9/30/2000	10,600	0	0	0	0	0	0	0	4,230	6,370	0	0	0	0	0	0
1884	10006027	12" Old Style Risers	30	309	3502	WW COLLECTION AND REUSE	General	8/24/2005	1,000	0	0	0	0	0	0	0	0	0	0	0	0	0	1,000	0
1885	10006028	J Boxes	30	309	3502	WW COLLECTION AND REUSE	General	8/24/2005	450	0	0	0	0	0	0	0	0	0	0	0	0	0	450	0
1886	10006029	New Style Lids (Small)	30	309	3502	WW COLLECTION AND REUSE	General	8/24/2005	360	0	0	0	0	0	0	0	0	0	0	0	0	0	360	0
1887	10006030	1 1/2" Rubber Bushings	30	309	3502	WW COLLECTION AND REUSE	General	8/24/2005	65	0	0	0	0	0	0	0	0	0	0	0	0	0	65	0
1888	10006031	High Level Floats	30	309	3502	WW COLLECTION AND REUSE	General	8/24/2005	350	0	0	0	0	0	0	0	0	0	0	0	0	0	350	0
1889	10006032	Power Generation Equip	30	302	3301	WATER PLANT	General	3/4/2005	2,710	0	0	0	0	0	0	0	0	0	0	0	0	0	2,710	0
1890	10006033	Pep Tank Supplies	30	309	3502	WW COLLECTION AND REUSE	WW Collection	5/18/2005	187	0	0	0	0	0	0	0	0	187	0	0	0	0	0	0
1891	10006034	Pep Tank Supplies	30	309	3502	WW COLLECTION AND REUSE	WW Collection	4/10/2005	318	0	0	0	0	0	0	0	0	318	0	0	0	0	0	0
1892	10006035	15% Fuel Surcharge	30	309	3502	WW COLLECTION AND REUSE	General	9/26/2005	30	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0
1893	10006036	Freight - Pneumatic	30	309	3502	WW COLLECTION AND REUSE	General	9/26/2005	1,900	0	0	0	0	0	0	0	0	0	0	0	0	0	1,900	0
1894	10006037	Filter Sand Media For (2) Filters	30	309	3502	WW COLLECTION AND REUSE	General	9/26/2005	4,185	0	0	0	0	0	0	0	0	0	0	0	0	0	4,185	0
1895	10006038	15% Fuel Surcharge	30	309	3502	WW COLLECTION AND REUSE	General	9/26/2005	273	0	0	0	0	0	0	0	0	0	0	0	0	0	273	0
1896	10006039	Pep Tanks Less Pumps	30	309	3502	WW COLLECTION AND REUSE	WW Collection	9/26/2005	7,275	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1897	10006040	Pumps For Pep Tanks	30	305	3502	WW COLLECTION AND REUSE	WW Collection	9/26/2005	6,900	0	0	0	0	0	0	0	0	6,900	0	0	0	0	0	0
1898	10006041	Pumps For Pep Tanks	30	305	3502	WW COLLECTION AND REUSE	WW Collection	9/26/2005	6,900	0	0	0	0	0	0	0	0	6,900	0	0	0	0	0	0
1899	10006042	Pep Tanks Less Pumps	30	309	3502	WW COLLECTION AND REUSE	WW Collection	9/27/2005	2,425	0	0	0	0	0	0	0	0	2,425	0	0	0	0	0	0
1900	10006043	Pep Tanks - New Installation	30	309	3502	WW COLLECTION AND REUSE	WW Collection	9/27/2005	4,850	0	0	0	0	0	0	0	0	4,850	0	0	0	0	0	0
1901	10006044	Pep Tanks - New Installation	30	309	3502	WW COLLECTION AND REUSE	WW Collection	9/27/2005	19,400	0	0	0	0	0	0	0	0	19,400	0	0	0	0	0	0
1902	10006045	Pep Tanks Less Pumps	30	309	3502	WW COLLECTION AND REUSE	WW Collection	9/27/2005	7,275	0	0	0	0	0	0	0	0	7,275	0	0	0	0	0	0
1903	10006046	Tsurumi Effluent Pumps	30	305	3502	WW COLLECTION AND REUSE	WW T&C	9/8/2004	10,005	0	0	0	0	0	0	0	3,993	6,012	0	0	0	0	0	0
1904	10006047	Replacement Pumps	30	305	3502	WW COLLECTION AND REUSE	WW T&C	1/25/2006	4,485	0	0	0	0	0	0	0	1,790	2,695	0	0	0	0	0	0
1905	10006048	Effluent Engineering Evaluation Of	20	208	3301	WATER PLANT	General	5/22/2006	2,526	0	0	0	0	0	0	0	0	0	0	0	0	0	2,526	0
1906	10006049	Effluent Engineering Evaluation	20	208	3301	WATER PLANT	General	5/22/2006	5,162	0	0	0	0	0	0	0	0	0	0	0	0	0	5,162	0
1907	10006050	Effluent Engineering Evaluation	20	208	3301	WATER PLANT	General	8/10/2006	2,196	0	0	0	0	0	0	0	0	0	0	0	0	0	2,196	0
1908	10006051	Effluent Engineering Evaluation	20	208	3301	WATER PLANT	General	8/10/2006	549	0	0	0	0	0	0	0	0	0	0	0	0	0	549	0
1909	10006052	Effluent Engineering Evaluation	20	208	3301	WATER PLANT	General	8/10/2006	549	0	0	0	0	0	0	0	0	0	0	0	0	0	549	0
1910	10006053	Effluent Reuse Hunters Ridge	20	209	3501	WASTERWATER PLANT	WW T&C	1/12/2004	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
1911	10006054	2003 Reuse System Improvements (Hunter'S	20	209	3501	WASTERWATER PLANT	WW T&C	1/12/2004	1,512	0	0	0	0	0	0	0	603	909	0	0	0	0	0	0
1912	10006055	2003 Reuse System Impvmnts (Hunter'S Ridg	20	209	3501	WASTERWATER PLANT	WW T&C	2/16/2004	1,701	0	0	0	0	0	0	0	679	1,022	0	0	0	0	0	0
1913	10006056	2003 Reuse System Impvmnts (Hunter'S Ridg	20	209	3501	WASTERWATER PLANT	WW T&C	2/16/2004	1,701	0	0	0	0	0	0	0	679	1,022	0	0	0	0	0	0
1914	10006057	2003 Reuse System Improvements (Hunter'S	20	209	3501	WASTERWATER PLANT	WW T&C	1/12/2004	1,512	0	0	0	0	0	0	0	603	909	0	0	0	0	0	0
1915	10006058	Ad For Storage Container	20	209	3501	WASTERWATER PLANT	OTHER	8/11/2005	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57
1916	10006059	2003 Reuse System Improvements (Hunter'S	20	209	3501	WASTERWATER PLANT	WW T&C	8/30/2004	2,922	0	0	0	0	0	0	0	1,166	1,756	0	0	0	0	0	0
1917	10006060	2003 Reuse System Impvmnts (Hunter'S Ridg	20	209	3501	WASTERWATER PLANT	WW T&C	8/23/2004	1,405	0	0	0	0	0	0	0	561	844	0	0	0	0	0	0
1918	10006061	Additional/Correction	20	209	3501	WASTERWATER PLANT	General	8/17/2005	1,948	0	0	0	0	0	0	0	0	0	0	0	0	0	1,948	0
1919	10006062	2003 Reuse System Improvements (Hunter'S	20	209	3501	WASTERWATER PLANT	WW T&C	3/8/2004	1,512	0	0	0	0	0	0	0	603	909	0	0	0	0	0	0
1920	10006063	Additional/Correction	20	209	3501	WASTERWATER PLANT	General	2/14/2005	3,896	0	0	0	0	0	0	0	0	0	0	0	0	0	3,896	0
1921	10006064	Additional/Correction	20	209	3501	WASTERWATER PLANT	General	2/14/2005	700	0	0	0	0	0	0	0	0	0	0	0	0	0	700	0
1922	10006065	Additional/Correction	20	209	3501	WASTERWATER PLANT	General	5/5/2005	2,922	0	0	0	0	0	0	0	0	0	0	0	0	0	2,	

Appendix I
City of Ormond Beach
Water and Wastewater System Connection Fee Study

Fixed Asset Data and Asset Functionalization

No.	Asset Code	Description	Class CD	Subclass	Location	Location Description	Allocation	Date Acquired	Acquired Cost	Water					Wastewater			Reclaimed		Other Plant		Other	
										Supply	Treatment	Transmission	Distribution	Hydrants	Meters	Treatment	Transmission	Collection	Treatment	Transmission	Distribution		Indirect
1959	10006102	Kjeldahl Digester 115Vac	30	309	3501	WASTERWATER PLANT	WW Treatment	1/30/2002	1,405	0	0	0	0	0	0	1,405	0	0	0	0	0	0	0
1960	10006103	Prec Bath Sm Coliform	30	309	3501	WASTERWATER PLANT	WW Treatment	2/22/2002	689	0	0	0	0	0	0	689	0	0	0	0	0	0	0
1961	10006104	Portable Sampler	30	309	3501	WASTERWATER PLANT	WW Treatment	12/1/2000	5,655	0	0	0	0	0	0	5,655	0	0	0	0	0	0	0
1962	10006107	Lift Sta 2P - 605 Riverside Dr	20	209	3502	WW COLLECTION AND REUSE	WW T&C	8/17/2005	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0
1963	10006108	Lift Sta 2P Design For Standby Generator	20	209	3502	WW COLLECTION AND REUSE	General	8/17/2005	357	0	0	0	0	0	0	0	0	0	0	0	0	357	0
1964	10006109	Lift Sta 2P Permit Fee	20	209	3502	WW COLLECTION AND REUSE	General	11/2/2005	125	0	0	0	0	0	0	0	0	0	0	0	0	125	0
1965	10006110	Lift Sta 2P	20	209	3502	WW COLLECTION AND REUSE	WW T&C	5/22/2006	470	0	0	0	0	0	0	188	282	0	0	0	0	0	0
1966	10006111	Lift Sta 2P	20	209	3502	WW COLLECTION AND REUSE	WW T&C	5/22/2006	470	0	0	0	0	0	0	188	282	0	0	0	0	0	0
1967	10006112	Lift Sta 2P - Construction - Censtate -	20	209	3502	WW COLLECTION AND REUSE	WW T&C	3/11/2008	8,000	0	0	0	0	0	0	3,193	4,807	0	0	0	0	0	0
1968	10006113	Lift Sta 3P - 252 Riverside Drive	20	209	3502	WW COLLECTION AND REUSE	WW T&C	8/17/2005	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0
1969	10006114	Lift Sta 3P Design For Standby Generator	20	209	3502	WW COLLECTION AND REUSE	General	8/17/2005	357	0	0	0	0	0	0	0	0	0	0	0	0	357	0
1970	10006115	Lift Sta 3P Permit Fee	20	209	3502	WW COLLECTION AND REUSE	General	11/2/2005	125	0	0	0	0	0	0	0	0	0	0	0	0	125	0
1971	10006116	Lift Sta 3P	20	209	3502	WW COLLECTION AND REUSE	WW T&C	5/22/2006	470	0	0	0	0	0	0	188	282	0	0	0	0	0	0
1972	10006117	Lift Sta 3P	20	209	3502	WW COLLECTION AND REUSE	WW T&C	5/22/2006	470	0	0	0	0	0	0	188	282	0	0	0	0	0	0
1973	10006118	Lift Sta 5P - 812 Riverside Drive	20	209	3502	WW COLLECTION AND REUSE	WW T&C	8/17/2005	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0
1974	10006119	Lift Sta 5P Design For Standby Generator	20	209	3502	WW COLLECTION AND REUSE	General	8/17/2005	357	0	0	0	0	0	0	0	0	0	0	0	0	357	0
1975	10006120	Lift Sta 5P Rehab/Impvmts Construction	20	209	3502	WW COLLECTION AND REUSE	WW T&C	11/17/2005	50,217	0	0	0	0	0	0	20,041	30,176	0	0	0	0	0	0
1976	10006121	Lift Sta 5P Rehab/Impvmts Construction	20	209	3502	WW COLLECTION AND REUSE	WW T&C	12/20/2005	18,600	0	0	0	0	0	0	7,423	11,177	0	0	0	0	0	0
1977	10006122	Lift Sta 5P Rehab/Impvmts Construction	20	209	3502	WW COLLECTION AND REUSE	WW T&C	2/16/2006	13,800	0	0	0	0	0	0	5,507	8,293	0	0	0	0	0	0
1978	10006123	Lift Sta 5P Rehab/Impvmts Construction	20	209	3502	WW COLLECTION AND REUSE	WW T&C	3/15/2006	22,949	0	0	0	0	0	0	9,159	13,790	0	0	0	0	0	0
1979	10006124	Lift Sta 5P Rehab/Impvmts Construction	20	209	3502	WW COLLECTION AND REUSE	WW T&C	1/19/2006	6,215	0	0	0	0	0	0	2,480	3,735	0	0	0	0	0	0
1980	10006125	Lift Sta 5P Rehab/Impvmts Construction	20	209	3502	WW COLLECTION AND REUSE	WW T&C	4/11/2006	25,076	0	0	0	0	0	0	10,007	15,068	0	0	0	0	0	0
1981	10006126	Lift Sta 5P Rehab/Impvmts Construction	20	209	3502	WW COLLECTION AND REUSE	WW T&C	6/13/2006	11,275	0	0	0	0	0	0	4,500	6,775	0	0	0	0	0	0
1982	10006127	Lift Sta 7P - 710L Alden Drive	20	209	3502	WW COLLECTION AND REUSE	WW T&C	8/17/2005	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0
1983	10006128	Lift Sta 7P Design For Standby Generator	20	209	3502	WW COLLECTION AND REUSE	General	8/17/2005	357	0	0	0	0	0	0	0	0	0	0	0	0	357	0
1984	10006129	Lift Sta 8P - 1044 John Anderson Drive	20	209	3502	WW COLLECTION AND REUSE	WW T&C	10/1/1970	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0
1985	10006130	Lift Sta 8P Design For Standby Generator	20	209	3502	WW COLLECTION AND REUSE	General	8/17/2005	357	0	0	0	0	0	0	0	0	0	0	0	0	357	0
1986	10006131	Lift Sta Om - 1260 Ocean Shore Blvd	20	209	3502	WW COLLECTION AND REUSE	WW T&C	8/17/2005	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0
1987	10006132	Lift Sta Om Design For Standby Generator	20	209	3502	WW COLLECTION AND REUSE	General	8/17/2005	357	0	0	0	0	0	0	0	0	0	0	0	0	357	0
1988	10006133	Lift Sta Sc - 100 Hunters Ridge Blvd	20	209	3502	WW COLLECTION AND REUSE	WW T&C	8/24/2005	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0
1989	10006134	Lift Sta Sc Interior Rehab On Ls	20	209	3502	WW COLLECTION AND REUSE	WW T&C	8/24/2005	9,612	0	0	0	0	0	0	3,836	5,776	0	0	0	0	0	0
1990	10006135	Lift Sta Sc Fed Ex	20	209	3502	WW COLLECTION AND REUSE	General	5/24/2005	7	0	0	0	0	0	0	0	0	0	0	0	0	7	0
1991	10006136	Lift Sta Sc Eng Design For Standby Gener	20	209	3502	WW COLLECTION AND REUSE	General	2/9/2006	11,760	0	0	0	0	0	0	0	0	0	0	0	0	11,760	0
1992	10006137	Lift Sta Sc Design & Engineering	20	209	3502	WW COLLECTION AND REUSE	General	2/14/2006	3,410	0	0	0	0	0	0	0	0	0	0	0	0	3,410	0
1993	10006138	Lift Sta Sc Eng Design For Standby	20	209	3502	WW COLLECTION AND REUSE	General	3/7/2006	2,940	0	0	0	0	0	0	0	0	0	0	0	0	2,940	0
1994	10006139	Lift Sta Sc Design & Engineering	20	209	3502	WW COLLECTION AND REUSE	General	3/16/2006	1,326	0	0	0	0	0	0	0	0	0	0	0	0	1,326	0
1995	10006140	Lift Sta Sc Shadow X-Ing #2 Pump / Inv#	20	209	3502	WW COLLECTION AND REUSE	WW T&C	6/10/2004	1,774	0	0	0	0	0	0	708	1,066	0	0	0	0	0	0
1996	10006141	Lift Sta Sc Parts For Shadow Crossing Pu	20	209	3502	WW COLLECTION AND REUSE	WW T&C	6/29/2004	1,338	0	0	0	0	0	0	534	804	0	0	0	0	0	0
1997	10006142	Lift Sta Hunters Ridge High Service Pump	20	209	3502	WW COLLECTION AND REUSE	WW T&C	3/23/2004	7,077	0													

Appendix I
City of Ormond Beach
Water and Wastewater System Connection Fee Study

Fixed Asset Data and Asset Functionalization

No.	Asset Code	Description	Class CD	Subclass	Location	Location Description	Allocation	Date Acquired	Acquired Cost	Water						Wastewater			Reclaimed		Other Plant		Other	
										Supply	Treatment	Transmission	Distribution	Hydrants	Meters	Treatment	Transmission	Collection	Treatment	Transmission	Distribution	Indirect		General
2057	10006241	Lift Sta Arp - 14L Sunshine Blvd	20	209	3502	WW COLLECTION AND REUSE	WW T&C	5/1/2006	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
2058	10006242	Lift Sta Arp Parts #2 Pump	20	209	3502	WW COLLECTION AND REUSE	WW T&C	6/29/2004	3,271	0	0	0	0	0	0	0	1,305	1,965	0	0	0	0	0	0
2059	10006243	Lift Sta Arp Sewpercoat Manholes	20	209	3501	WASTERWATER PLANT	WW T&C	9/26/2005	13,898	0	0	0	0	0	0	0	5,546	8,352	0	0	0	0	0	0
2060	10006244	Lift Sta Arp Manhole Repairs	20	209	3501	WASTERWATER PLANT	WW T&C	9/26/2005	3,220	0	0	0	0	0	0	0	1,285	1,935	0	0	0	0	0	0
2061	10006245	Lift Sta 4M1 - 1308L Overbrook Ave	20	209	3502	WW COLLECTION AND REUSE	WW T&C	10/1/1977	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
2062	10006246	Lift Sta 4M1 Flyght Parts Inv# 075411	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/22/2004	1,548	0	0	0	0	0	0	0	618	930	0	0	0	0	0	0
2063	10006247	Lift Sta Sm - 7 Sweetmeadow Ct	20	209	3502	WW COLLECTION AND REUSE	WW T&C	10/1/1994	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
2064	10006248	Lift Sta Sm Parts Inv# 075689	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/24/2004	643	0	0	0	0	0	0	0	257	386	0	0	0	0	0	0
2065	10006249	Lift Sta Sm Parts Inv# 075689	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/24/2004	145	0	0	0	0	0	0	0	58	87	0	0	0	0	0	0
2066	10006250	Lift Sta 12M - 22L Iroquois Trail	20	209	3502	WW COLLECTION AND REUSE	WW T&C	5/1/2006	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
2067	10006251	Lift Sta 12M Pump Replacement	20	209	3502	WW COLLECTION AND REUSE	WW T&C	7/16/2003	3,320	0	0	0	0	0	0	0	1,325	1,995	0	0	0	0	0	0
2068	10006252	Lift Sta 1M - 699 S Beach St	20	209	3502	WW COLLECTION AND REUSE	WW T&C	5/1/2006	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
2069	10006253	Land Lift Sta 1M	70	701	3502	WW COLLECTION AND REUSE	WW T&C	2/22/2001	13,056	0	0	0	0	0	0	0	5,210	7,845	0	0	0	0	0	0
2070	10006255	Sludge Holding And Handling Facility Upg	20	209	3501	WASTERWATER PLANT	WW Treatment	1/29/2002	1,465	0	0	0	0	0	0	1,465	0	0	0	0	0	0	0	0
2071	10006256	Engineering Fees	20	209	3501	WASTERWATER PLANT	WW Treatment	9/26/2002	19,608	0	0	0	0	0	0	19,608	0	0	0	0	0	0	0	0
2072	10006257	Ww Sludge Holding & Handling Facility U	20	209	3501	WASTERWATER PLANT	WW Treatment	11/10/2003	1,291	0	0	0	0	0	0	1,291	0	0	0	0	0	0	0	0
2073	10006258	Gear Box Repair	30	309	3501	WASTERWATER PLANT	WW Treatment	2/12/2004	8,493	0	0	0	0	0	0	8,493	0	0	0	0	0	0	0	0
2074	10006259	Gearbox For Post-Anoxic	30	309	3501	WASTERWATER PLANT	WW Treatment	4/26/2004	3,916	0	0	0	0	0	0	3,916	0	0	0	0	0	0	0	0
2075	10006260	Gearbox Adapter (Incl Motor Adptr & Rigi	30	309	3501	WASTERWATER PLANT	WW Treatment	9/30/2004	1,697	0	0	0	0	0	0	1,697	0	0	0	0	0	0	0	0
2076	10006261	Centrifuge Conveyor/Replace No.1 Centrif	30	305	3501	WASTERWATER PLANT	WW Treatment	5/14/2004	42,797	0	0	0	0	0	0	42,797	0	0	0	0	0	0	0	0
2077	10006262	Pump Replacement Parts	30	305	3501	WASTERWATER PLANT	WW Treatment	8/6/2003	2,990	0	0	0	0	0	0	2,990	0	0	0	0	0	0	0	0
2078	10006263	Pump Replacement Parts	30	305	3501	WASTERWATER PLANT	WW Treatment	7/11/2003	9,622	0	0	0	0	0	0	9,622	0	0	0	0	0	0	0	0
2079	10006264	Local Vid Panel	30	309	3501	WASTERWATER PLANT	WW Treatment	6/11/2003	2,670	0	0	0	0	0	0	2,670	0	0	0	0	0	0	0	0
2080	10006265	Repair Gear Unit	30	305	3501	WASTERWATER PLANT	WW Treatment	5/29/2003	9,925	0	0	0	0	0	0	9,925	0	0	0	0	0	0	0	0
2081	10006266	Repair Centrifuge #2	30	305	3501	WASTERWATER PLANT	WW Treatment	5/29/2003	24,261	0	0	0	0	0	0	24,261	0	0	0	0	0	0	0	0
2082	10006267	Repair Centrifuge	30	305	3501	WASTERWATER PLANT	WW Treatment	3/27/2003	4,200	0	0	0	0	0	0	4,200	0	0	0	0	0	0	0	0
2083	10006268	Replace Feed Pipe*Centrifuge	30	305	3501	WASTERWATER PLANT	WW Treatment	3/27/2003	4,285	0	0	0	0	0	0	4,285	0	0	0	0	0	0	0	0
2084	10006269	Repair Centrifuge	30	305	3501	WASTERWATER PLANT	WW Treatment	3/27/2003	21,873	0	0	0	0	0	0	21,873	0	0	0	0	0	0	0	0
2085	10006270	Repair*Influent Motors #1 & #3	30	305	3501	WASTERWATER PLANT	WW Treatment	3/14/2003	10,092	0	0	0	0	0	0	10,092	0	0	0	0	0	0	0	0
2086	10006271	Hot Tap Flow Sensor 200	30	309	3501	WASTERWATER PLANT	WW Treatment	3/10/2003	2,167	0	0	0	0	0	0	2,167	0	0	0	0	0	0	0	0
2087	10006272	Monthly Centrifuge Rental	30	305	3501	WASTERWATER PLANT	OTHER	2/26/2003	15,422	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,422
2088	10006273	Replacement Grinder Pump	30	305	3501	WASTERWATER PLANT	WW Treatment	2/20/2003	6,746	0	0	0	0	0	0	6,746	0	0	0	0	0	0	0	0
2089	10006274	Replacement Grinder Pump	30	305	3501	WASTERWATER PLANT	WW Treatment	2/20/2003	6,746	0	0	0	0	0	0	6,746	0	0	0	0	0	0	0	0
2090	10006275	Centrifuge Gear Box	30	305	3501	WASTERWATER PLANT	WW Treatment	2/3/2003	29,843	0	0	0	0	0	0	29,843	0	0	0	0	0	0	0	0
2091	10006276	Monthly Centrifuge Rental	30	305	3501	WASTERWATER PLANT	OTHER	1/25/2003	15,422	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,422
2092	10006277	Eimco Chain Guard	30	309	3501	WASTERWATER PLANT	WW Treatment	1/21/2003	1,160	0	0	0	0	0	0	1,160	0	0	0	0	0	0	0	0
2093	10006278	Sludge Pump	30	305	3501	WASTERWATER PLANT	WW Treatment	1/21/2003	5,130	0	0	0	0	0	0	5,130	0	0	0	0	0	0	0	0
2094	10006279	Station Controller Pumps	30	305	3501	WASTERWATER PLANT	WW Treatment	1/17/2003																

Appendix 1
City of Ormond Beach
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Fixed Asset Data and Asset Functionalization

Asset Code	Description	Class CD	Subclass	Location	Location Description	Allocation	Date Acquired	Acquired Cost	Water					Wastewater		Reclaimed		Other Plant		Other	
									Supply	Treatment	Transmission	Distribution	Hydrants	Meters	Treatment	Transmission	Collection	Treatment	Transmission		Distribution
2155	10007173	Rst 06 Option #00331, Diesel Engine	40	404	3301	WATER PLANT	GENERAL	8/2/2006	2,550	0	0	0	0	0	0	0	0	0	0	2,550	0
2156	10007174	Rst 06 Option #2043X, Full Susp Seat	40	404	3301	WATER PLANT	GENERAL	8/2/2006	198	0	0	0	0	0	0	0	0	0	0	198	0
2157	10007175	Rst 06 Option #14403 Hose Take Up	40	404	3301	WATER PLANT	GENERAL	8/2/2006	390	0	0	0	0	0	0	0	0	0	0	390	0
2158	10007176	Rst 06 Option #15908, 48" Forks	40	404	3301	WATER PLANT	GENERAL	8/2/2006	39	0	0	0	0	0	0	0	0	0	0	39	0
2159	10007177	Rst 06 Option #2250X, Strobe Light	40	404	3301	WATER PLANT	GENERAL	8/2/2006	213	0	0	0	0	0	0	0	0	0	0	213	0
2160	10007178	It-Neptune Ut Handheld Mtr Read Units W/	30	308	1302	UTILITY BILLING	GENERAL	11/10/2006	7,000	0	0	0	0	0	0	0	0	0	0	7,000	0
2161	10007179	It-Neptune, Dap, Rf Receiver For Ce5320X	30	308	1302	UTILITY BILLING	GENERAL	11/10/2006	3,000	0	0	0	0	0	0	0	0	0	0	3,000	0
2162	10007180	It-Neptune, Dap Ce5320X Equinox On-Site	30	308	1302	UTILITY BILLING	GENERAL	11/14/2006	2,800	0	0	0	0	0	0	0	0	0	0	2,800	0
2163	10007181	It-Neptune, Dap Universal Cradle For Ce5	30	308	1302	UTILITY BILLING	GENERAL	11/10/2006	1,050	0	0	0	0	0	0	0	0	0	0	1,050	0
2164	10007182	It-Neptune, Advantage Ii Cordless Readin	30	308	1302	UTILITY BILLING	GENERAL	11/10/2006	1,996	0	0	0	0	0	0	0	0	0	0	1,996	0
2165	10007183	It-Neptune Ut Handheld Mtr Read Unit Sof	30	308	1302	UTILITY BILLING	GENERAL	10/23/2007	5,475	0	0	0	0	0	0	0	0	0	0	5,475	0
2166	10007184	It-Neptune Ut Handheld Mtr Read Unit Sof	30	308	1302	UTILITY BILLING	GENERAL	10/23/2007	5,475	0	0	0	0	0	0	0	0	0	0	5,475	0
2167	10007185	It-Neptune Ut Handheld Mtr Read Unit Sof	30	308	1302	UTILITY BILLING	GENERAL	10/23/2007	5,475	0	0	0	0	0	0	0	0	0	0	5,475	0
2168	10007214	Vise Plate For Right Rear Of Serv Body-D	40	404	3301	WATER PLANT	GENERAL	8/8/2007	150	0	0	0	0	0	0	0	0	0	0	150	0
2169	10007215	Trailer Towing Package	40	404	3301	WATER PLANT	GENERAL	8/8/2007	680	0	0	0	0	0	0	0	0	0	0	680	0
2170	10007216	Backup Alarm	30	309	3301	WATER PLANT	GENERAL	8/8/2007	105	0	0	0	0	0	0	0	0	0	0	105	0
2171	10007217	Electric Brake Controller	30	309	3301	WATER PLANT	GENERAL	8/8/2007	460	0	0	0	0	0	0	0	0	0	0	460	0
2172	10007218	Spray On Bed Liner For Service Body And	40	404	3301	WATER PLANT	GENERAL	8/8/2007	945	0	0	0	0	0	0	0	0	0	0	945	0
2173	10007219	Standard Wide Service Body For Single Wh	40	404	3301	WATER PLANT	GENERAL	8/8/2007	4,900	0	0	0	0	0	0	0	0	0	0	4,900	0
2174	10007322	It-Scada System For W-Ww-Base Asset	20	208	3301	WATER PLANT	W Treatment	1/1/1970	1	0	1	0	0	0	0	0	0	0	0	0	0
2175	10007323	It-Scada System-Ethernet	20	208	3301	WATER PLANT	W Treatment	6/19/2007	717	0	717	0	0	0	0	0	0	0	0	0	0
2176	10007324	It-Scada System-Engineering Services	20	208	3301	WATER PLANT	W Treatment	4/14/2007	17,800	0	17,800	0	0	0	0	0	0	0	0	0	0
2177	10007325	It-Scada System-Engineering Services	20	208	3301	WATER PLANT	W Treatment	6/9/2007	3,559	0	3,559	0	0	0	0	0	0	0	0	0	0
2178	10007326	It Scada System Upgrade	20	208	3301	WATER PLANT	W Treatment	9/30/2007	125,724	0	125,724	0	0	0	0	0	0	0	0	0	0
2179	10007327	It-Scada Telemetry - Master Radio(Under	30	308	3301	WATER PLANT	W Treatment	8/22/2005	5,860	0	5,860	0	0	0	0	0	0	0	0	0	0
2180	10007328	It Scada System Upgrade For New Plant	30	308	3301	WATER PLANT	W Treatment	6/3/2008	522,599	0	522,599	0	0	0	0	0	0	0	0	0	0
2181	10007329	It-Scada System-Engineering Services	20	208	3301	WATER PLANT	W Treatment	9/30/2007	17,776	0	17,776	0	0	0	0	0	0	0	0	0	0
2182	10007330	Scada System Upgrade*Y2K	20	209	3501	WASTERWATER PLANT	WW Treatment	2/25/2000	51,667	0	0	0	0	0	51,667	0	0	0	0	0	0
2183	10007331	Scada System Upgrade*Y2K	20	208	3301	WATER PLANT	W Treatment	2/25/2000	51,667	0	51,667	0	0	0	0	0	0	0	0	0	0
2184	10007332	Ww Force Main Tymber Creek	20	209	3502	WW COLLECTION AND REUSE	WW T&C	10/31/2006	1	0	0	0	0	0	0	1	0	0	0	0	0
2185	10007333	Ww Force Main Tymber Creek Geotechnical	20	209	3502	WW COLLECTION AND REUSE	GENERAL	10/31/2006	2,302	0	0	0	0	0	0	0	0	0	0	2,302	0
2186	10007334	Ww Force Main Tymber Creek Geotechnical	20	209	3502	WW COLLECTION AND REUSE	GENERAL	9/30/2006	688	0	0	0	0	0	0	0	0	0	0	688	0
2187	10007335	Ww Force Main Tymber Ck-Fl Contract-4 In	20	209	3502	WW COLLECTION AND REUSE	WW T&C	2/22/2008	287,056	0	0	0	0	0	114,560	172,496	0	0	0	0	0
2188	10007336	Ww Force Main Tymber Ck-Eng-Qhampton-3 I	20	209	3502	WW COLLECTION AND REUSE	WW T&C	4/17/2008	17,680	0	0	0	0	0	7,056	10,624	0	0	0	0	0
2189	10007337	Ww Force Main Tymber Ck-Eng-Nodarse-3 In	20	209	3502	WW COLLECTION AND REUSE	WW T&C	11/30/2007	1,125	0	0	0	0	0	449	676	0	0	0	0	0
2190	10007338	Ww Force Main Tymber Ck-Const-Flemtret 2	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/30/2007	108,063	0	0	0	0	0	43,126	64,937	0	0	0	0	0
2191	10007339	Ww Force Main Tymber Ck-Engineering Mult	20	209	3502	WW COLLECTION AND REUSE	GENERAL	4/5/2007	21,086	0	0	0	0	0	0	0	0	0	0	21,086	0
2192	10007340	Ww Wastewater Collection Lines -Base Ass	20	209	3502	WW COLLECTION AND REUSE	WW T&C	1/1/1950	1	0	0	0	0	0	0	1	0	0	0	0	0
2193	10007341	Ww Us 1 Ww Collection Lines	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/4/2007	8,602	0	0	0	0	0	3,433	5,169	0	0	0	0	0
2194	10007342	Wtr Main Hand Ave & Us 1 Relocation	20	208	3302	WATER DISTRIBUTION	W T&D	9/6/2007	24,975	0	0	7,402	17,573	0	0	0	0	0	0	0	0
2195	10007343	Land Public Utilities - Deposit - 501 N	70	701	3501	WASTERWATER PLANT	WW Treatment	6/1/2007	5,000	0	0	0	0	0	5,000	0	0	0	0	0	0
2196	10007344	Land Public Utilities - Vacant - 501 N O	70	701	3501	WASTERWATER PLANT	WW Treatment	9/11/2007	293,133	0	0	0	0	0	293,133	0	0	0	0	0	0
2197	10007345	Land Public Utilities - Velie Appraisal	70	701	3501	WASTERWATER PLANT	WW Treatment	9/28/2007	625	0	0	0	0	0	625	0	0	0	0	0	0
2198	10007346	Land Public Utilities - Advalorem Prop T	70	701	3501	WASTERWATER PLANT	WW Treatment	9/22/2007	4,052	0	0	0	0	0	4,052	0	0	0	0	0	0
2199	10007347	Land Public Utilities - Velie Appraisal	70	701	3501	WASTERWATER PLANT	WW Treatment	6/22/2007	1,800	0	0	0	0	0	1,800	0	0	0	0	0	0
2200	10007348	Well 1 Division Well Field - #7 - #21 Di	20	208	3301	WATER PLANT	W SUPPLY	1/1/1990	1	1	0	0	0	0	0	0	0	0	0	0	0
2201	10007349	Well #13 & 15 - Division Ave - Rtu Repla	20	208	3301	WATER PLANT	W SUPPLY	5/7/2007	3,850	3,850	0	0	0	0	0	0	0	0	0	0	0
2202	10007350	Well #8, 9, 10, 11 - Division Ave-Rtu Re	20	208	3301	WATER PLANT	W SUPPLY	5/7/2007	3,850	3,850	0	0	0	0	0	0	0	0	0	0	0
2203	10007351	Submersible Pump Replacement For Well #1	30	305	3301	WATER PLANT	W SUPPLY	11/30/2000	1,461	1,461	0	0	0	0	0	0	0	0	0	0	0
2204	10007352	Well #18 Jefferson St	20	208	3301	WATER PLANT	W SUPPLY	11/30/2000	1	1	0	0	0	0	0	0	0	0	0	0	0
2205	10007353	Propeller Meter Assy/5	30	309	3301	WATER PLANT	W Treatment	8/25/2000	5,723	0	5,723	0	0	0	0	0	0	0	0	0	0
2206	10007354	Wellfield Rehab	20	208	3301	WATER PLANT	W SUPPLY	9/12/2000	2,340	2,340	0	0	0	0	0	0	0	0	0	0	0
2207	10007355	Data Collection & Well Design	20	208	3301	WATER PLANT	W SUPPLY	3/2/2001	26,548	26,548	0	0	0	0	0	0	0	0	0	0	0
2208	10007356	Eng Services	20	208	3301	WATER PLANT	GENERAL	1/31/2001	35,794	0	0	0	0	0	0	0	0	0	0	35,794	0
2209	10007357	Pmt #6 Final	20	208	3301	WATER PLANT	GENERAL	1/31/2001	1,622	0	0	0	0	0	0	0	0	0	0	1,622	0
2210	10007358	Legal Ad	20	208	3301	WATER PLANT	GENERAL	4/15/2001	92	0	0	0	0	0	0	0	0	0	0	92	0
2211	10007359	Permit Fees	20	208	3301	WATER PLANT	GENERAL	8/6/2001	500	0	0	0	0	0	0	0	0	0	0	500	0
2212	10007360	Prof Services	20	208	3301	WATER PLANT	GENERAL	9/28/2001	8,863	0	0	0	0	0	0	0	0	0	0	8,863	0
2213	10007361	Admin/Inspectin Fees	20	208	3301	WATER PLANT	GENERAL	10/16/2001	1,226	0	0	0	0	0	0	0	0	0	0	1,226	0
2214	10007362	Density Test	20	208	3301	WATER PLANT	GENERAL	10/31/2001	122	0	0	0	0	0	0	0	0	0	0	122	0
2215	10007363	Pmt #1	20	208	3301	WATER PLANT	GENERAL	10/15/2001	4,431	0	0	0	0	0	0	0	0	0	0	4,431	0
2216	10007364	Well 13&15 Pmt 1	20	208	3301	WATER PLANT	W SUPPLY	10/15/2001	4,431	4,431	0	0	0	0	0	0	0	0	0	0	0
2217	10007365	Well 13 & 15 Pmt #2	20	208	3301	WATER PLANT	W SUPPLY	11/15/2001	31,045	31,045	0	0	0	0	0	0	0	0	0	0	0
2218	10007366	Payment #2 (Diff Dept)	20	208	3301	WATER PLANT	GENERAL	11/15/2001	31,045	0	0	0	0	0	0	0	0	0	0	31,045	0
2219	10007367	Prof Services	20	208	3301	WATER PLANT	GENERAL	12/7/2001	10,410	0	0	0	0	0	0	0	0	0	0	10,410	0
2220	10007368	Well 13 & 15 Pmt #3	20	208	3301	WATER PLANT	W SUPPLY	12/15/2001	41,650	41,650	0	0	0	0	0	0	0	0	0	0	0
2221	10007369	Well 13 & 15 Pmt #3(Diff Dept)	20	208	3301	WATER PLANT	W SUPPLY	12/15/2001	41,650	41,650	0	0	0	0	0	0	0	0	0	0	0
2222	10007370	Engin. Services	20	208	3301																

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No.	Asset Code	Description	Class CD	Subclass	Location	Location Description	Allocation	Date Acquired	Acquired Cost	Water						Wastewater		Reclaimed		Other Plant		Other
										Supply	Treatment	Transmission	Distribution	Hydrants	Meters	Treatment	Transmission	Collection	Treatment	Transmission	Distribution	
2253	10007401	(3) 7 1/2 Hp 230V Model 150575-4 4" Mot	20	208	3301	WATER PLANT	GENERAL	5/10/2006	5,584	0	0	0	0	0	0	0	0	0	0	0	5,584	0
2254	10007402	Abandon #3,4,5,7,18	20	208	3301	WATER PLANT	GENERAL	1/25/2006	16,672	0	0	0	0	0	0	0	0	0	0	0	16,672	0
2255	10007403	Abandon #3,4,5,7,18	20	208	3301	WATER PLANT	GENERAL	1/25/2006	4,737	0	0	0	0	0	0	0	0	0	0	0	4,737	0
2256	10007404	Wells-Division Ave Wellfield Rehab	20	208	3301	WATER PLANT	W SUPPLY	1/31/2000	18,393	18,393	0	0	0	0	0	0	0	0	0	0	0	0
2257	10007405	Well 1 Division Well Field - Prop Taxes	70	701	3301	WATER PLANT	W SUPPLY	9/30/2003	1,133	1,133	0	0	0	0	0	0	0	0	0	0	0	0
2258	10007406	Wells-Division Ave Wellfield Rehab-Multi	20	208	3301	WATER PLANT	W SUPPLY	8/14/2008	21,195	21,195	0	0	0	0	0	0	0	0	0	0	0	0
2259	10007407	It-Work Orders-Utility Dist Only	30	308	4103	FLEET	OTHER	9/1/2007	1	0	0	0	0	0	0	0	0	0	0	0	0	1
2260	10007408	It-Wo Utlty Dell Pwr Srvr-Maintainitroi	30	308	3301	WATER PLANT	GENERAL	9/13/2007	5,164	0	0	0	0	0	0	0	0	0	0	0	5,164	0
2261	10007412	Fuel St For Gen - Rebar For Tanks	10	105	3501	WASTERWATER PLANT	GENERAL	10/1/2007	341	0	0	0	0	0	0	0	0	0	0	0	341	0
2262	10007434	Well 1 Sr40 Well Field - #22 - #28 Divis	20	208	3301	WATER PLANT	W SUPPLY	1/1/1990	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2263	10007435	Well 1 Wtp Well Field - #1 - #6 Division	20	208	3301	WATER PLANT	W SUPPLY	1/1/1990	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2264	10007436	Pump Sta Riverview Pump Station-559 S Be	20	208	3302	WATER DISTRIBUTION	W T&D	1/1/1970	1	0	0	1	0	0	0	0	0	0	0	0	0	0
2265	10007437	Pump Sta Melrose Reuse Station-401 N Bea	20	208	3302	WATER DISTRIBUTION	WW T&C	1/1/1990	1	0	0	0	0	0	0	0	1	0	0	0	0	0
2266	10007438	Pump Sta Granada Pump Station-1 N Beach	20	208	3302	WATER DISTRIBUTION	W T&D	1/1/1970	1	0	0	0	1	0	0	0	0	0	0	0	0	0
2267	10007439	Pump Sta Btw Irrig (Reuse) St-66 River C	20	208	3302	WATER DISTRIBUTION	WW T&C	1/1/2005	1	0	0	0	0	0	0	0	0	1	0	0	0	0
2268	10007440	Tank-Ground Reuse Tank - 500 N Orchard S	20	209	3501	WASTERWATER PLANT	WW T&C	1/1/1996	1	0	0	0	0	0	0	0	0	1	0	0	0	0
2269	10007441	Tank-Ground Water Tank - 100 Hunters Rdg	20	208	3301	WATER PLANT	GENERAL	1/1/1990	1	0	0	0	0	0	0	0	0	0	0	0	1	0
2270	10007442	Tank-Bwt Ground Water Tank - 35 Breakawa	20	208	3301	WATER PLANT	GENERAL	1/1/1986	1	0	0	0	0	0	0	0	0	0	0	0	1	0
2271	10007443	Tank-Bwt Elevated Water Tank - 35 Breaka	20	208	3301	WATER PLANT	GENERAL	1/1/1986	1	0	0	0	0	0	0	0	0	0	0	0	1	0
2272	10007444	Tank-Bwt Ground Water Tank - 35 Breakawa	20	208	3301	WATER PLANT	GENERAL	1/1/1986	1	0	0	0	0	0	0	0	0	0	0	0	1	0
2273	10007445	Tank-Grnd Wtr Tnk & Pump Sta-20 Standish	20	208	3301	WATER PLANT	GENERAL	1/1/1972	1	0	0	0	0	0	0	0	0	0	0	0	1	0
2274	10007446	Interconnect - Ob/Hh - 1732 Ridge Ave	20	208	3301	WATER PLANT	GENERAL	1/1/1983	1	0	0	0	0	0	0	0	0	0	0	0	1	0
2275	10007447	Interconnect - Ob/Db - 3000 N Atlantic A	20	208	3301	WATER PLANT	GENERAL	1/1/1986	1	0	0	0	0	0	0	0	0	0	0	0	1	0
2276	10007448	Interconnect - Ob/Db - 664 S Nova Rd	20	208	3301	WATER PLANT	GENERAL	1/1/2000	1	0	0	0	0	0	0	0	0	0	0	0	1	0
2277	10007449	Interconnect - Ob/Db - 425 Williamson Bl	20	208	3301	WATER PLANT	GENERAL	1/1/2007	1	0	0	0	0	0	0	0	0	0	0	0	1	0
2278	10007450	Interconnect Ob/Db Finished Water (Res#	20	208	3302	WATER DISTRIBUTION	W T&D	7/27/2006	51,392	0	0	15,231	36,161	0	0	0	0	0	0	0	0	0
2279	10007451	Interconnect - Ob/Hh - 585 Calle Grande	20	208	3301	WATER PLANT	GENERAL	1/1/2007	1	0	0	0	0	0	0	0	0	0	0	0	1	0
2280	10007474	Gen Spectrum 50Ds60 Generator Portable*T	30	302	3501	WASTERWATER PLANT	GENERAL	11/18/1997	16,607	0	0	0	0	0	0	0	0	0	0	0	16,607	0
2281	10007478	Veh 08 Chevy Silverado	40	404	1302	UTILITY BILLING	GENERAL	3/25/2008	16,918	0	0	0	0	0	0	0	0	0	0	0	16,918	0
2282	10007486	Eqp 71 Allis Chal 2800 Water Pump (Stand	20	208	3302	WATER DISTRIBUTION	W T&D	6/1/1971	25,000	0	0	7,409	17,591	0	0	0	0	0	0	0	0	0
2283	10007487	Gen 89 Marathon 431Rs12006 Generator	30	302	7201	LEISURE SERVICES	OTHER	3/14/1989	25,000	0	0	0	0	0	0	0	0	0	0	0	0	25,000
2284	10007488	Gen 84 Cat 3408 Generator	30	302	3301	WATER PLANT	GENERAL	1/1/1984	50,000	0	0	0	0	0	0	0	0	0	0	0	50,000	0
2285	10007490	Gen 06 Baldor 65 Kw Generator	30	302	3502	WW COLLECTION AND REUSE	WW T&C	8/24/2006	25,857	0	0	0	0	0	0	10,319	15,538	0	0	0	0	0
2286	10007491	Gen 06 Baldor 65 Kw Generator	30	302	3502	WW COLLECTION AND REUSE	WW T&C	8/24/2006	25,857	0	0	0	0	0	0	10,319	15,538	0	0	0	0	0
2287	10007492	Gen 06 Baldor 65 Kw Generator	30	302	3502	WW COLLECTION AND REUSE	WW T&C	8/24/2006	25,857	0	0	0	0	0	0	10,319	15,538	0	0	0	0	0
2288	10007493	Gen 06 Baldor 65 Kw Generator	30	302	3502	WW COLLECTION AND REUSE	WW T&C	8/24/2006	25,857	0	0	0	0	0	0	10,319	15,538	0	0	0	0	0
2289	10007494	Gen 06 Baldor 65 Kw Generator	30	302	3502	WW COLLECTION AND REUSE	WW T&C	8/24/2006	25,857	0	0	0	0	0	0	10,319	15,538	0	0	0	0	0
2290	10007495	Gen 06 Baldor 65 Kw Generator	30	302	3502	WW COLLECTION AND REUSE	WW T&C	8/24/2006	25,857	0	0	0	0	0	0	10,319	15,538	0	0	0	0	0
2291	10007496	Gen 06 Baldor 65 Kw Generator	30	302	3502	WW COLLECTION AND REUSE	WW T&C	8/24/2006	25,857	0	0	0	0	0	0	10,319	15,538	0	0	0	0	0
2292	10007497	Gen 06 Baldor 65 Kw Generator	30	302	3502	WW COLLECTION AND REUSE	WW T&C	8/24/2006	38,287													

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	Asset Code	Description	Class CD	Subclass	Location	Location Description	Allocation	Date Acquired	Acquired Cost	Water						Wastewater			Reclaimed		Other Plant			
										Supply	Treatment	Transmission	Distribution	Hydrants	Meters	Treatment	Transmission	Collection	Treatment	Transmission	Distribution	Indirect	General	Other
2351	10007604	Wtr Main Clyde Morris Blvd Relocation	20	208	3302	WATER DISTRIBUTION	W T&D	2/29/2008	76,545	0	0	22,685	53,860	0	0	0	0	0	0	0	0	0	0	0
2352	10007606	Wtr Main Sterthaus Drive	20	208	3302	WATER DISTRIBUTION	W T&D	1/1/1990	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2353	10007607	Wtr Main Sterthaus Dr (Reconstruction)	20	208	3302	WATER DISTRIBUTION	W T&D	2/5/2002	51,829	0	0	15,360	36,469	0	0	0	0	0	0	0	0	0	0	0
2354	10007608	Wtr Main Standish Dr	20	208	3302	WATER DISTRIBUTION	W T&D	1/1/1990	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2355	10007609	Wtr Main Standish Water Permit	20	208	3302	WATER DISTRIBUTION	General	7/14/2003	500	0	0	0	0	0	0	0	0	0	0	0	0	500	0	0
2356	10007610	Wtr Main Coolidge	20	208	3302	WATER DISTRIBUTION	W T&D	1/1/1990	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2357	10007611	Wtr Main Coolidge Water Permit	20	208	3302	WATER DISTRIBUTION	General	6/23/2003	250	0	0	0	0	0	0	0	0	0	0	0	0	250	0	0
2358	10007612	Wtr Main Dormont / Ellicott	20	208	3302	WATER DISTRIBUTION	W T&D	1/1/1990	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2359	10007613	Wtr Main Dormont / Ellicott Add'L Water	20	208	3302	WATER DISTRIBUTION	W T&D	8/15/2003	250	0	0	74	176	0	0	0	0	0	0	0	0	0	0	0
2360	10007614	Wtr Main Water Permit Dormont/Ellicott	20	208	3302	WATER DISTRIBUTION	General	7/17/2003	500	0	0	0	0	0	0	0	0	0	0	0	0	500	0	0
2361	10007615	Wtr Main Camellia	20	208	3302	WATER DISTRIBUTION	W T&D	1/1/1990	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2362	10007616	Wtr Main 2" Replacement For Camellia Dr	20	208	3302	WATER DISTRIBUTION	W T&D	4/5/2002	54,881	0	0	16,265	38,616	0	0	0	0	0	0	0	0	0	0	0
2363	10007617	Wtr Main 2" Meter Replacement Camelia D	20	208	3302	WATER DISTRIBUTION	W METERS	5/20/2002	18,040	0	0	0	0	0	18,040	0	0	0	0	0	0	0	0	0
2364	10007618	Ww Line Extension Tuscany Subdivision	20	209	3502	WW COLLECTION AND REUSE	WW T&C	11/14/2006	2,389	0	0	0	0	0	0	0	953	1,435	0	0	0	0	0	0
2365	10007619	Wtr Water System General Rehab-Unknown L	20	208	3301	WATER PLANT	W T&D	9/30/2007	413,950	0	0	122,679	291,272	0	0	0	0	0	0	0	0	0	0	0
2366	10007620	Wtr Water System Const Dist Lines-Multia	20	208	3302	WATER DISTRIBUTION	W T&D	9/30/2007	268,903	0	0	79,692	189,210	0	0	0	0	0	0	0	0	0	0	0
2367	10007621	Wtr Water System General Rehab - Fy 2006	20	208	3301	WATER PLANT	W T&D	9/30/2006	920,527	0	0	272,808	647,719	0	0	0	0	0	0	0	0	0	0	0
2368	10007624	It-Server-Power Edge 2650	30	308	1303	INFORMATION TECHNOLOGY	OTHER	9/18/2003	6,287	0	0	0	0	0	0	0	0	0	0	0	0	0	6,287	0
2369	10007625	It-Server-Power Edge 2650	30	308	1303	INFORMATION TECHNOLOGY	OTHER	9/12/2003	6,630	0	0	0	0	0	0	0	0	0	0	0	0	0	6,630	0
2370	10007626	It-Server-Power Edge 2650	30	308	1303	INFORMATION TECHNOLOGY	OTHER	4/29/2003	5,617	0	0	0	0	0	0	0	0	0	0	0	0	0	5,617	0
2371	10007627	It-Server-Power Edge 2650	30	308	1303	INFORMATION TECHNOLOGY	OTHER	4/1/2003	5,510	0	0	0	0	0	0	0	0	0	0	0	0	0	5,510	0
2372	10007628	It-Server-Power Edge 2650	30	308	1303	INFORMATION TECHNOLOGY	OTHER	12/13/2002	5,750	0	0	0	0	0	0	0	0	0	0	0	0	0	5,750	0
2373	10007634	Ww Force Main Obsc Road Extension	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/14/2007	66,983	0	0	0	0	0	0	0	26,732	40,251	0	0	0	0	0	0
2374	10007635	Ww Force Main Obsc Road Extension	20	209	3501	WASTERWATER PLANT	WW T&C	12/19/2007	5,017	0	0	0	0	0	0	0	2,002	3,015	0	0	0	0	0	0
2375	10007658	Meters 5 Invoices	20	208	3301	WATER PLANT	General	9/17/2008	26,007	0	0	0	0	0	0	0	0	0	0	0	0	26,007	0	0
2376	10007659	Lift Stations	20	209	3501	WASTERWATER PLANT	WW T&C	8/11/2008	26,959	0	0	0	0	0	0	0	10,759	16,200	0	0	0	0	0	0
2377	10007660	Supplemental Mix Zone/Studies	20	209	3501	WASTERWATER PLANT	OTHER	8/6/2008	3,349	0	0	0	0	0	0	0	0	0	0	0	0	0	3,349	0
2378	10007661	Cl 2 Tank	20	209	3301	WATER PLANT	W Treatment	7/31/2008	11,772	0	11,772	0	0	0	0	0	0	0	0	0	0	0	0	0
2379	10007662	Influent Pump	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/12/2008	7,181	0	0	0	0	0	0	0	2,866	4,315	0	0	0	0	0	0
2380	10007663	Us1 Foremain Ext Ii	20	209	3501	WASTERWATER PLANT	WW T&C	8/23/2008	4,050	0	0	0	0	0	0	0	1,616	2,434	0	0	0	0	0	0
2381	10007664	Wwtp Expansion	20	209	3501	WASTERWATER PLANT	WW Treatment	9/17/2008	30,290	0	0	0	0	0	0	30,290	0	0	0	0	0	0	0	0
2382	10007665	Engineering Division Avenue	20	208	3302	WATER DISTRIBUTION	W T&D	9/30/2008	11,762	0	0	3,486	8,276	0	0	0	0	0	0	0	0	0	0	0
2383	10007666	Nursery Cleanup	20	210	3401	SOLID WASTE COLLECTION	OTHER	8/30/2008	9,475	0	0	0	0	0	0	0	0	0	0	0	0	0	9,475	0
2384	10007667	Wells-Division Ave Wellfield Rehab-Multi	20	208	3301	WATER PLANT	W SUPPLY	8/14/2008	11,762	11,762	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2385	10007678	Alcazar, Buena Vista, Seville Sw	20	208	3302	WATER DISTRIBUTION	W T&D	9/30/2010	19,940	0	0	5,909	14,031	0	0	0	0	0	0	0	0	0	0	0
2386	10007711	Hand Avenue Upgrade-Utilities	20	208	3301	WATER PLANT	W T&D	9/30/2009	29,205	0	0	8,655	20,550	0	0	0	0	0	0	0	0	0	0	0
2387	10007712	Hand Avenue Upgrade-Utilities	20	208	3302	WATER DISTRIBUTION	W T&D	9/30/2010	3,100	0	0	919	2,181	0	0	0	0	0	0	0	0	0	0	0
2388	10007715	Hand Avenue Watermains	20	208	3302																			

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										Supply	Treatment	Transmission	Distribution	Hydrants	Meters	Treatment	Transmission	Collection	Treatment	Transmission	Distribution		Indirect
2449	10007843	Wwtp Expansion-Capitalized Interest	20	209	3501	WASTERWATER PLANT	WW Treatment	9/30/2010	118,410	0	0	0	0	0	0	118,410	0	0	0	0	0	0	0
2450	10007846	Ormond Shores Storm Drain	20	208	3302	WATER DISTRIBUTION	OTHER	9/30/2010	10,175	0	0	0	0	0	0	0	0	0	0	0	0	10,175	
2451	10007938	Chevy Colorado	40	404	1302	UTILITY BILLING	GENERAL	9/30/2011	13,812	0	0	0	0	0	0	0	0	0	0	0	0	13,812	
2452	10007939	Chevy Colorado	40	404	3501	WASTERWATER PLANT	GENERAL	9/30/2011	20,527	0	0	0	0	0	0	0	0	0	0	0	0	20,527	
2453	10007941	Chevy Colorado	40	404	3502	WW COLLECTION AND REUSE	GENERAL	9/30/2011	23,079	0	0	0	0	0	0	0	0	0	0	0	0	23,079	
2454	10007943	Alcazar, Buena Vista, Seville	20	208	3302	WATER DISTRIBUTION	W T&D	9/30/2011	166,628	0	0	49,382	117,246	0	0	0	0	0	0	0	0	0	
2455	10007944	Gravity Sewer Pipeline	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/30/2011	199,595	0	0	0	0	0	0	0	79,655	119,940	0	0	0	0	
2456	10007945	Low Press Effluent Pump Replacement	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/30/2011	43,480	0	0	0	0	0	0	0	17,352	26,128	0	0	0	0	
2457	10007946	Pep Tanks	20	209	3502	WW COLLECTION AND REUSE	WW Collection	9/30/2011	36,810	0	0	0	0	0	0	0	0	36,810	0	0	0	0	
2458	10007947	Residential Meter Replacement	20	208	3301	WATER PLANT	W METERS	9/30/2011	85,692	0	0	0	0	0	85,692	0	0	0	0	0	0	0	
2459	10007948	Utility Relocate - Tymber Creek Widening	20	208	3301	WATER PLANT	W T&D	9/30/2011	6,198	0	0	1,837	4,361	0	0	0	0	0	0	0	0	0	
2460	10007949	High Service Pumps - Replacements	20	208	3301	WATER PLANT	W Treatment	9/30/2011	21,280	0	21,280	0	0	0	0	0	0	0	0	0	0	0	
2461	10007950	Roll Off Filter Dumpster	20	209	3501	WASTERWATER PLANT	GENERAL	9/30/2011	33,130	0	0	0	0	0	0	0	0	0	0	0	0	33,130	
2462	10007951	Utility Relocate - Tymber Creek Widening	20	208	3302	WATER DISTRIBUTION	W T&D	9/30/2011	359	0	0	106	253	0	0	0	0	0	0	0	0	0	
2463	10007952	Water Plant Well Rehab Program	20	208	3301	WATER PLANT	W SUPPLY	9/30/2011	70,278	70,278	0	0	0	0	0	0	0	0	0	0	0	0	
2464	10007953	Hydrant Replacement	20	208	3302	WATER DISTRIBUTION	W HYDRANTS	9/30/2011	265,842	0	0	0	0	265,842	0	0	0	0	0	0	0	0	
2465	10007954	2 Inch Main Replacement	20	208	3301	WATER PLANT	W T&D	9/30/2011	18,330	0	0	5,432	12,898	0	0	0	0	0	0	0	0	0	
2466	10007955	General Facility Upgrades	20	209	3501	WASTERWATER PLANT	WW Treatment	9/30/2011	79,929	0	0	0	0	0	0	79,929	0	0	0	0	0	0	
2467	10007956	General Facility Upgrades	20	209	3501	WASTERWATER PLANT	WW Treatment	9/30/2011	121,828	0	0	0	0	0	0	121,828	0	0	0	0	0	0	
2468	10007957	Airport Road Forcemain	20	209	3501	WASTERWATER PLANT	WW T&C	9/30/2011	726	0	0	0	0	0	0	0	290	436	0	0	0	0	
2469	10007958	N Us1 Forcemain Phase Ii (Srf)	20	209	3501	WASTERWATER PLANT	WW T&C	9/30/2011	41,082	0	0	0	0	0	0	0	16,395	24,687	0	0	0	0	
2470	10007959	Coolidge Ave Stormwater	20	208	3302	WATER DISTRIBUTION	OTHER	9/30/2011	243,103	0	0	0	0	0	0	0	0	0	0	0	0	243,103	
2471	10007960	Hand Ave Collector Rd Upgrade	20	208	3302	WATER DISTRIBUTION	W T&D	9/30/2011	195	0	0	58	137	0	0	0	0	0	0	0	0	0	
2472	10007961	Rima Ridge Well	20	208	3301	WATER PLANT	W SUPPLY	9/30/2011	1,059,078	1,059,078	0	0	0	0	0	0	0	0	0	0	0	0	
2473	10007962	Distribution System	20	208	3301	WATER PLANT	W T&D	9/30/2011	321,992	0	0	95,426	226,566	0	0	0	0	0	0	0	0	0	
2474	10007963	2008 Lift Station	20	209	3501	WASTERWATER PLANT	WW T&C	9/30/2011	275,015	0	0	0	0	0	0	0	109,754	165,261	0	0	0	0	
2475	10007964	Airport Road Forcemain	20	209	3501	WASTERWATER PLANT	WW T&C	9/30/2011	80,889	0	0	0	0	0	0	0	32,281	48,607	0	0	0	0	
2476	10007965	N Us1 Forcemain Phase Ii (Srf)	20	209	3501	WASTERWATER PLANT	WW T&C	9/30/2011	187,264	0	0	0	0	0	0	0	74,734	112,530	0	0	0	0	
2477	10007966	Ww Plant Rehab	20	209	3501	WASTERWATER PLANT	WW Treatment	9/30/2011	57,070	0	0	0	0	0	0	57,070	0	0	0	0	0	0	
2478	10007967	Wwtp Expansion	20	209	3501	WASTERWATER PLANT	WW Treatment	9/30/2011	9,754,678	0	0	0	0	0	0	9,754,678	0	0	0	0	0	0	
2479	10007968	Sw Transfer Facility Lift Station	20	210	3401	SOLID WASTE COLLECTION	WW TRANSMISSION	9/30/2011	17,046	0	0	0	0	0	0	0	17,046	0	0	0	0	0	
2480	10007970	Donated Easements Res. 2010-190, 2010-1	60	601	3502	WW COLLECTION AND REUSE	OTHER	9/30/2011	68,743	0	0	0	0	0	0	0	0	0	0	0	0	0	
2481	10007990	Watermain Improvements	20	208	3301	WATER PLANT	W T&D	9/30/2012	41,222	0	0	12,217	29,005	0	0	0	0	0	0	0	0	68,743	
2482	10008045	2012 Chevy Colorado	40	404	3501	WASTERWATER PLANT	GENERAL	9/30/2012	16,943	0	0	0	0	0	0	0	0	0	0	0	0	16,943	
2483	10008046	2012 Ford Transit	40	401	3502	WW COLLECTION AND REUSE	GENERAL	9/30/2012	18,353	0	0	0	0	0	0	0	0	0	0	0	0	18,353	
2484	10008047	Meters	20	208	1302	UTILITY BILLING	W METERS	9/30/2012	99,275	0	0	0	0	0	99,275	0	0	0	0	0	0	0	
2485	10008048	General Facilities Major Maintenance	20	208	3301	WATER PLANT	GENERAL	9/30/2012	64,183	0	0	0	0	0	0	0	0	0	0	0	0	64,183	
2486	10008049	Water Plant Well Rehab	20	208	3301	WATER PLANT	W SUPPLY	9/30/2012	55,302	55,302	0	0	0	0	0	0	0	0	0	0	0	0	
2487	10008050	Concentrate Piping	20	209	3501	WASTERWATER PLANT	WW Treatment	9/30/2012	11,430	0	0	0	0	0	0	11,430	0	0	0	0	0	0	
2488	10008051	General Facilities Major Maintenance	20	209	3501	WASTERWATER PLANT	WW Treatment	9/30/2012	129,867														

Appendix 1
City of Ormond Beach
Water and Wastewater System Connection Fee Study

Fixed Asset Data and Asset Functionalization

No.	Asset Code	Description	Class CD	Subclass	Location	Location Description	Allocation	Date Acquired	Acquired Cost	Water					Wastewater		Reclaimed		Other Plant				
										Supply	Treatment	Transmission	Distribution	Hydrants	Meters	Treatment	Transmission	Collection	Treatment	Transmission	Distribution	Indirect	General
2547	10008224	Pep Tanks	20	209	3502	WW COLLECTION AND REUSE	WW Collection	9/30/2014	19,845	0	0	0	0	0	0	0	19,845	0	0	0	0	0	0
2548	10008225	Sanitary Sewer Replacement	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/30/2014	109,400	0	0	0	0	0	0	0	43,660	65,740	0	0	0	0	0
2549	10008226	Division Wellfields	20	208	3501	WASTERWATER PLANT	W SUPPLY	9/30/2014	29,383	29,383	0	0	0	0	0	0	0	0	0	0	0	0	0
2550	10008227	Pump And Motors	20	208	3301	WATER PLANT	GENERAL	9/30/2014	62,922	0	0	0	0	0	0	0	0	0	0	0	0	62,922	0
2551	10008228	Meter Replacement	20	209	3501	WASTERWATER PLANT	W METERS	9/30/2014	110,263	0	0	0	0	110,263	0	0	0	0	0	0	0	0	0
2552	10008229	Water Storage Tank	20	209	3501	WASTERWATER PLANT	W SUPPLY	9/30/2014	69,836	69,836	0	0	0	0	0	0	0	0	0	0	0	0	0
2553	10008230	Leeway Elevated Tank	20	208	3301	WATER PLANT	GENERAL	9/30/2014	6,515	0	0	0	0	0	0	0	0	0	0	0	0	6,515	0
2554	10008231	S Peninsula Reuse Water Ext	20	208	3302	WATER DISTRIBUTION	WW T&C	9/30/2014	39,205	0	0	0	0	0	0	15,646	23,559	0	0	0	0	0	0
2555	10008232	Pumps And Motors	20	209	3501	WASTERWATER PLANT	WW Treatment	9/30/2014	172,486	0	0	0	0	0	172,486	0	0	0	0	0	0	0	0
2556	10008233	Watermain Replacement	20	208	3301	WATER PLANT	W T&D	9/30/2014	386,708	0	0	114,605	272,103	0	0	0	0	0	0	0	0	0	0
2557	10008234	5 Neptune Handheld Meters	30	308	1302	UTILITY BILLING	GENERAL	9/30/2014	5,878	0	0	0	0	0	0	0	0	0	0	0	0	5,878	0
2558	10008235	5 Neptune Handheld Meters	30	308	1302	UTILITY BILLING	GENERAL	9/30/2014	5,878	0	0	0	0	0	0	0	0	0	0	0	0	5,878	0
2559	10008236	5 Neptune Handheld Meters	30	308	1302	UTILITY BILLING	GENERAL	9/30/2014	5,878	0	0	0	0	0	0	0	0	0	0	0	0	5,878	0
2560	10008237	5 Neptune Handheld Meters	30	308	1302	UTILITY BILLING	GENERAL	9/30/2014	5,878	0	0	0	0	0	0	0	0	0	0	0	0	5,878	0
2561	10008238	5 Neptune Handheld Meters	30	308	1302	UTILITY BILLING	GENERAL	9/30/2014	5,878	0	0	0	0	0	0	0	0	0	0	0	0	5,878	0
2562	10008239	Meter Replacement	20	208	1302	UTILITY BILLING	W METERS	9/30/2014	457,073	0	0	0	0	457,073	0	0	0	0	0	0	0	0	0
2563	10008240	Dual Check Valve Replacement	20	208	3302	WATER DISTRIBUTION	W T&D	9/30/2014	35,670	0	0	10,571	25,099	0	0	0	0	0	0	0	0	0	0
2564	10008241	Pumps And Motors	20	208	3301	WATER PLANT	GENERAL	9/30/2014	29,749	0	0	0	0	0	0	0	0	0	0	0	0	29,749	0
2565	10008242	Pep Tanks	20	209	3502	WW COLLECTION AND REUSE	WW Collection	9/30/2014	131,043	0	0	0	0	0	0	0	131,043	0	0	0	0	0	0
2566	10008243	Master Plan	20	208	3301	WATER PLANT	GENERAL	9/30/2014	44,534	0	0	0	0	0	0	0	0	0	0	0	0	44,534	0
2567	10008244	Master Plan	20	209	3501	WASTERWATER PLANT	GENERAL	9/30/2014	43,627	0	0	0	0	0	0	0	0	0	0	0	0	43,627	0
2568	10008245	2 Inch Watermains	20	208	3301	WATER PLANT	W T&D	9/30/2014	1,983,178	0	0	587,736	1,395,442	0	0	0	0	0	0	0	0	0	0
2569	10008271	2013 Ford F450	40	404	3501	WASTERWATER PLANT	GENERAL	9/30/2014	72,887	0	0	0	0	0	0	0	0	0	0	0	0	72,887	0
2570	10008272	2015 Freightliner	30	303	3502	WW COLLECTION AND REUSE	GENERAL	9/30/2014	124,527	0	0	0	0	0	0	0	0	0	0	0	0	124,527	0
2571	10008273	2015 Vac Con	30	303	3502	WW COLLECTION AND REUSE	WW Collection	9/30/2014	245,739	0	0	0	0	0	0	0	245,739	0	0	0	0	0	0
2572	10008288	Donated Easements 4238-01-13-0021	60	602	3301	WATER PLANT	GENERAL	9/30/2014	794	0	0	0	0	0	0	0	0	0	0	0	0	794	0
2573	10008289	Donated Easements 4206-00-00-0023	60	602	3301	WATER PLANT	GENERAL	9/30/2014	2,646	0	0	0	0	0	0	0	0	0	0	0	0	2,646	0
2574	10008314	Fiber Optics	20	208	3301	WATER PLANT	GENERAL	9/30/2015	24,890	0	0	0	0	0	0	0	0	0	0	0	0	24,890	0
2575	10008371	2014 Cat Excavator	30	303	3501	WASTERWATER PLANT	GENERAL	9/30/2015	66,360	0	0	0	0	0	0	0	0	0	0	0	0	66,360	0
2576	10008372	2013 Eh Wachs 77-000-38 Unit	30	303	3302	WATER DISTRIBUTION	GENERAL	9/30/2015	59,250	0	0	0	0	0	0	0	0	0	0	0	0	59,250	0
2577	10008373	2015 Ford F-150	40	404	3302	WATER DISTRIBUTION	GENERAL	9/30/2015	18,006	0	0	0	0	0	0	0	0	0	0	0	0	18,006	0
2578	10008374	2013 Sullair 185 Dpq	30	311	3502	WW COLLECTION AND REUSE	GENERAL	9/30/2015	12,950	0	0	0	0	0	0	0	0	0	0	0	0	12,950	0
2579	10008375	2015 Towmaster	30	311	3502	WW COLLECTION AND REUSE	GENERAL	9/30/2015	11,622	0	0	0	0	0	0	0	0	0	0	0	0	11,622	0
2580	10008376	2015 Harben 4018 Dtd	30	303	3502	WW COLLECTION AND REUSE	GENERAL	9/30/2015	47,363	0	0	0	0	0	0	0	0	0	0	0	0	47,363	0
2581	10008379	John Anderson Drive	20	209	3501	WASTERWATER PLANT	WW Treatment	9/30/2015	26,738	0	0	0	0	0	26,738	0	0	0	0	0	0	0	0
2582	10008383	Utility Relocate	20	208	3302	WATER DISTRIBUTION	W T&D	9/30/2015	6,670	0	1,977	4,693	0	0	0	0	0	0	0	0	0	0	0
2583	10008384	Rima Wells Generator	20	208	3302	WATER DISTRIBUTION	GENERAL	9/30/2015	2,400	0	0	0	0	0	0	0	0	0	0	0	0	2,400	0
2584	10008385	Lift Station Rehab	20	209	3501	WASTERWATER PLANT	WW T&C	9/30/2015	31,876	0	0	0	0	0	0	12,721	19,155	0	0	0	0	0	0
2585	10008386	Division Wellfield	20	209	3501	WASTERWATER PLANT	W SUPPLY	9/30/2015	398,689	398,689	0	0	0	0	0	0	0	0	0	0	0	0	0
2586	10008387	South Pen Reuse Main Extension	20	208	3302	WATER DISTRIBUTION	WW T&C	9/30/2015	482,777	0	0	0	0	0	0	192,669	290,108	0	0	0	0	0	0
2587	10008388	Watermain Replacement	20	208	3301	WATER PLANT	W T&D	9/30/2015	1,300,401	0	385,388	915,013	0	0	0	0	0	0	0	0	0	0	0
2588	10008389	Dual Check Valve	20	208	3302	WATER DISTRIBUTION	W T&D	9/30/2015	177,356	0	0	52,561	124,795	0	0	0	0	0	0	0	0	0	0
2589	10008390	Meter Replacements	20	208	1302	UTILITY BILLING	W METERS	9/30/2015	467,041	0	0	0	0	467,041	0	0	0	0	0	0	0	0	0
2590	10008391	Ww Sludge Thickener	20	209	3501	WASTERWATER PLANT	WW Treatment	9/30/2015	32,774	0	0	0	0	0	32,774	0	0	0	0	0	0	0	0
2591	10008392	Lift Station Rehab	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/30/2015	24,691	0	0	0	0	0	0	9,854	14,837	0	0	0	0	0	0
2592	10008393	General Facility Upgrades	20	208	3301	WATER PLANT	GENERAL	9/30/2015	176,659	0	0	0	0	0	0	0	0	0	0	0	0	176,659	0
2593	10008394	Pep Tanks	20	209	3502	WW COLLECTION AND REUSE	WW Collection	9/30/2015	190,335	0	0	0	0	0	0	0	190,335	0	0	0	0	0	0
2594	10008395	Meter Installations	20	208	3301	WATER PLANT	W METERS	9/30/2015	153,357	0	0	0	0	153,357	0	0	0	0	0	0	0	0	0
2595	10008396	Water Storage Tank Repair	20	208	3301	WATER PLANT	W Treatment	9/30/2015	35,274	0	35,274	0	0	0	0	0	0	0	0	0	0	0	0
2596	10008397	Hydrant Replacement	20	208	3302	WATER DISTRIBUTION	W HYDRANTS	9/30/2015	28,927	0	0	0	28,927	0	0	0	0	0	0	0	0	0	0
2597	10008398	Water Plant Aeration System	20	208	3301	WATER PLANT	W Treatment	9/30/2015	5,244	0	5,244	0	0	0	0	0	0	0	0	0	0	0	0
2598	10008399	Wp Lime Silo Dust Collection	20	208	3301	WATER PLANT	W Treatment	9/30/2015	18,382	0	18,382	0	0	0	0	0	0	0	0	0	0	0	0
2599	10008400	Water Plant Pump & Controls	20	208	3301	WATER PLANT	W Treatment	9/30/2015	11,249	0	11,249	0	0	0	0	0	0	0	0	0	0	0	0
2600	10008401	Fiber Optics	20	208	1302	UTILITY BILLING	GENERAL	9/30/2015	98,266	0	0	0	0	0	0	0	0	0	0	0	0	98,266	0
2601	10008402	Master Plan	20	208	3301	WATER PLANT	GENERAL	9/30/2015	43,726	0	0	0	0	0	0	0	0	0	0	0	0	43,726	0
2602	10008403	Ww Plant Rehab	20	209	3501	WASTERWATER PLANT	WW Treatment	9/30/2015	30,701	0	0	0	0	0	30,701	0	0	0	0	0	0	0	0
2603	10008404	Master Plan	20	209	3501	WASTERWATER PLANT	GENERAL	9/30/2015	35,740	0	0	0	0	0	0	0	0	0	0	0	0	35,740	0
2604	10008406	General Facility Upgrades	20	209	3501	WASTERWATER PLANT	WW Treatment	9/30/2015	161,206	0	0	0	0	0	161,206	0	0	0	0	0	0	0	0
2605	10008415	Donated Easements 4230-00-00-0291	60	602	3301	WATER PLANT	GENERAL	9/30/2015	26,024	0	0	0	0	0	0	0	0	0	0	0	0	26,024	0
2606	10008417	Wwtp Phase I-Capitalized Interest	20	209	3501	WASTERWATER PLANT	WW Treatment	9/30/2011	87,683	0	0	0	0	0	87,683	0	0	0	0	0	0	0	0
2607	10008418	Wwtp Expansion-Capitalized Interest	20	209	3501	WASTERWATER PLANT	WW Treatment	9/30/2013	76,170	0	0	0	0	0	76,170	0	0	0	0	0	0	0	0
2608	10008419	Wwtp Expansion-Capitalized Interest	20	209	3501	WASTERWATER PLANT	WW Treatment	9/30/2011	527,922	0	0	0	0	0	527,922	0	0	0	0	0	0	0	0
2609	10008420	2 Inch Watermain-Capitalized Interest	20	208	3501	WASTERWATER PLANT	W T&D	9/30/2018	5,451	0	0	1,616	3,836	0	0	0	0	0	0	0	0	0	

Appendix I
City of Ormond Beach
Water and Wastewater System Connection Fee Study

Fixed Asset Data and Asset Functionalization

	Asset Code	Description	Class CD	Subclass	Location	Location Description	Allocation	Date Acquired	Acquired Cost	Water						Wastewater			Reclaimed		Other Plant			
										Supply	Treatment	Transmission	Distribution	Hydrants	Meters	Treatment	Transmission	Collection	Treatment	Transmission	Distribution	Indirect	General	Other
2645	10008531	Back-Hoe Replacement	30	303	3302	WATER DISTRIBUTION	GENERAL	9/30/2016	94,882	0	0	0	0	0	0	0	0	0	0	0	0	0	94,882	0
2646	10008532	2016 Ford F350	40	404	3302	WATER DISTRIBUTION	GENERAL	9/30/2016	30,309	0	0	0	0	0	0	0	0	0	0	0	0	0	30,309	0
2647	10008533	2016 Ford F350	40	404	3501	WASTERWATER PLANT	General	9/30/2016	30,309	0	0	0	0	0	0	0	0	0	0	0	0	0	30,309	0
2648	10008534	2016 Glbp Global M4	30	303	3401	SOLID WASTE COLLECTION	General	9/30/2016	226,843	0	0	0	0	0	0	0	0	0	0	0	0	0	226,843	0
2649	10008544	Power Supply Controller	20	209	3501	WASTERWATER PLANT	GENERAL	9/30/2016	6,160	0	0	0	0	0	0	0	0	0	0	0	0	0	6,160	0
2650	10008545	Pump/Motor	20	208	3301	WATER PLANT	W Treatment	9/30/2016	8,126	0	8,126	0	0	0	0	0	0	0	0	0	0	0	0	0
2651	10008546	6"" Silent Check Valve	20	208	3301	WATER PLANT	W Treatment	9/30/2016	5,728	0	5,728	0	0	0	0	0	0	0	0	0	0	0	0	0
2652	10008547	Feeder Belt / Pump Tubes	20	208	3301	WATER PLANT	W Treatment	9/30/2016	13,687	0	13,687	0	0	0	0	0	0	0	0	0	0	0	0	0
2653	10008548	Submersible Mixer	20	209	3501	WASTERWATER PLANT	GENERAL	9/30/2016	5,989	0	0	0	0	0	0	0	0	0	0	0	0	0	5,989	0
2654	10008549	Controller	20	209	3501	WASTERWATER PLANT	WW Treatment	9/30/2016	5,359	0	0	0	0	0	0	5,359	0	0	0	0	0	0	0	0
2655	10008550	Refrigerated Sampler For Wwtp	30	309	3501	WASTERWATER PLANT	GENERAL	9/30/2016	7,623	0	0	0	0	0	0	0	0	0	0	0	0	0	7,623	0
2656	10008551	CAPITALIZED INTEREST WATERMAIN REPL PHAS	20	208	3301	WATER PLANT	Other	9/30/2016	7,952	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,952
2657	10008555	45 Black Creek Way	60	602	3301	WATER PLANT	W T&D	9/30/2016	723	0	0	214	509	0	0	0	0	0	0	0	0	0	0	0
2658	10008556	46 Black Creek Way	60	602	3301	WATER PLANT	W T&D	9/30/2016	488	0	0	145	343	0	0	0	0	0	0	0	0	0	0	0
2659	10008557	983 John Anderson Drive	60	602	3301	WATER PLANT	W T&D	9/30/2016	665	0	0	197	468	0	0	0	0	0	0	0	0	0	0	0
2660	10008564	Sanitary Sewer Force Main System	20	209	3301	WATER PLANT	WW T&C	9/30/2016	320,000	0	0	0	0	0	0	0	127,707	192,293	0	0	0	0	0	0
2661	20000010	FORCE MAIN SHADOW CROSSING	20	209	3501	WASTERWATER PLANT	WW T&C	4/30/2017	63,444	0	0	0	0	0	0	0	25,319	38,124	0	0	0	0	0	0
2662	20000011	SANITARY SEWER INFLOW INFILTRATION	20	209	3301	WATER PLANT	WW T&C	4/30/2018	222,896	0	0	0	0	0	0	0	88,954	133,942	0	0	0	0	0	0
2663	20000012	WATER STORAGE TANK REPAIRS	20	209	3501	WASTERWATER PLANT	WW Treatment	4/30/2017	962,660	0	0	0	0	0	0	962,660	0	0	0	0	0	0	0	0
2664	20000017	CITYWIDE METER REPLACEMENT	20	208	1302	UTILITY BILLING	W Meters	9/30/2017	571,545	0	0	0	0	0	571,545	0	0	0	0	0	0	0	0	0
2665	20000018	PEP REPLACEMENT	20	209	3502	WW COLLECTION AND REUSE	WW Collection	9/30/2017	178,213	0	0	0	0	0	0	0	0	178,213	0	0	0	0	0	0
2666	20000019	METER INSTALLATIONS	20	208	3301	WATER PLANT	W Meters	9/30/2017	127,192	0	0	0	0	0	127,192	0	0	0	0	0	0	0	0	0
2667	20000023	NORTHWEST US1 UTILITY IMPROVEMENTS	20	208	3301	WATER PLANT	W T&D	8/31/2017	722,684	0	0	214,175	508,509	0	0	0	0	0	0	0	0	0	0	0
2668	20000025	WWTP SLUDGE DEWATERING UPGRADES	20	209	3501	WASTERWATER PLANT	WW Treatment	8/31/2017	1,795,572	0	0	0	0	0	0	1,795,572	0	0	0	0	0	0	0	0
2669	20000028	UTILITY EXTENSION*ORMOND CROSSING	20	208	3301	WATER PLANT	W T&D	7/29/2017	397,538	0	0	117,815	279,724	0	0	0	0	0	0	0	0	0	0	0
2670	20000029	WTP LIME SLAKER & ONSITE HYPO UPGRADE	90	901	3301	WATER PLANT	W Treatment	8/31/2017	1,348,134	0	1,348,134	0	0	0	0	0	0	0	0	0	0	0	0	0
2671	20000045	REPLACE ROOF*WTP ADMIN BUILDING	10	104	7201	LEISURE SERVICES	W TREATMENT	4/3/2017	817	0	817	0	0	0	0	0	0	0	0	0	0	0	0	0
2672	20000047	REPLACE ROOF*WTP AERATOR BUILDING	10	104	7201	LEISURE SERVICES	W TREATMENT	5/1/2017	10,277	0	10,277	0	0	0	0	0	0	0	0	0	0	0	0	0
2673	20000055	FIRE HYDRANT REPLACEMENT	20	208	3302	WATER DISTRIBUTION	W HYDRANTS	6/15/2018	50,112	0	0	0	0	50,112	0	0	0	0	0	0	0	0	0	0
2674	20000056	CONTROLWAVE PANEL & LICENSE	20	209	3501	WASTERWATER PLANT	WW Treatment	7/20/2018	32,891	0	0	0	0	0	0	32,891	0	0	0	0	0	0	0	0
2675	20000057	SECONDARY RAW WATER TRANSMISSION MAIN	90	901	3502	WW COLLECTION AND REUSE	W SUPPLY	8/26/2017	260,459	260,459	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2676	20000068	A/C UNIT*501 N ORCHARD	10	103	3301	WATER PLANT	W Treatment	9/6/2017	7,880	0	7,880	0	0	0	0	0	0	0	0	0	0	0	0	0
2677	20000071	Centrifuge Gear	20	209	3501	WASTERWATER PLANT	WW Treatment	4/25/2017	41,560	0	0	0	0	0	0	41,560	0	0	0	0	0	0	0	0
2678	20000073	50 HP MOTOR FLOR EFFLUENT#2	20	209	3501	WASTERWATER PLANT	WW Treatment	7/14/2017	16,175	0	0	0	0	0	0	16,175	0	0	0	0	0	0	0	0
2679	20000074	WWTP MAINTENANCE BAY DOOR REPLACEMENT	10	107	3501	WASTERWATER PLANT	WW Treatment	4/11/2017	12,876	0	0	0	0	0	0	12,876	0	0	0	0	0	0	0	0
2680	20000075	PUMP MOTOR	20	209	3501	WASTERWATER PLANT	WW Treatment	8/24/2017	5,222	0	0	0	0	0	0	5,222	0	0	0	0	0	0	0	0
2681	20000077	BREAKAWAY UTILITY YARD/PUMP UPGRADE	20	209	3501	WASTERWATER PLANT	WW Treatment	6/23/2017	301,299	0	0	0	0	0	0	301,299	0	0	0	0	0	0	0	0
2682	20000078	WWTP INFLUENT PUMP																						

Appendix I
City of Ormond Beach
Water and Wastewater System Connection Fee Study

Fixed Asset Data and Asset Functionalization

No.	Asset Code	Description	Class CD	Subclass	Location	Location Description	Allocation	Date Acquired	Acquired Cost	Water					Wastewater			Reclaimed			Other Plant				
										Supply	Treatment	Transmission	Distribution	Hydrants	Meters	Treatment	Transmission	Collection	Treatment	Transmission	Distribution	Indirect	General	Other	
2743	20000228	CONTACT CHAMBER MIXERS*WWTP	20	209	3502	WW COLLECTION AND REUSE	WW Treatment	8/2/2019	24,762	0	0	0	0	0	0	24,762	0	0	0	0	0	0	0	0	0
2744	20000229	MOTOR FOR 1P LS	20	209	3502	WW COLLECTION AND REUSE	WW T&C	9/10/2019	12,580	0	0	0	0	0	0	0	5,020	7,560	0	0	0	0	0	0	0
2745	20000230	REPLACEMENT PUMP FOR CYPRESS PLACE #1	20	209	3502	WW COLLECTION AND REUSE	WW T&C	5/30/2019	18,278	0	0	0	0	0	0	0	7,294	10,984	0	0	0	0	0	0	0
2746	20000231	REPLACEMENT PUMP FOR WALMART #2	20	209	3502	WW COLLECTION AND REUSE	WW T&C	5/13/2019	7,449	0	0	0	0	0	0	0	2,973	4,476	0	0	0	0	0	0	0
2747	20000232	VFD FOR HIGH SERVICE PUMP #7	20	208	3301	WATER PLANT	WATER PLANT	10/23/2018	6,494	0	6,494	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2748	20000233	REPLACE PUMP #2 @ 10M LIFT STATION	20	209	3501	WASTERWATER PLANT	WW T&C	11/5/2018	5,888	0	0	0	0	0	0	0	2,350	3,538	0	0	0	0	0	0	0
2749	20000234	CHEMICAL FEED SYSTEM IMP AT WTP THRU 5/3	90	901	3301	WATER PLANT	WATER PLANT	6/17/2019	111,371	0	111,371	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2750	20000238	CONTROL UNIT	30	309	3501	WASTERWATER PLANT	WW Treatment	1/16/2019	6,521	0	0	0	0	0	0	6,521	0	0	0	0	0	0	0	0	0
2751	20000240	METER REGISTERS	20	208	3301	WATER PLANT	W Meters	11/6/2018	59,400	0	0	0	0	0	59,400	0	0	0	0	0	0	0	0	0	0
2752	20000241	REPLACE PUMP #2*TOWNE SQ LS	20	209	3501	WASTERWATER PLANT	WW T&C	2/5/2019	5,377	0	0	0	0	0	0	0	2,146	3,231	0	0	0	0	0	0	0
2753	20000242	FIRELINE METER	20	208	3301	WATER PLANT	W Meters	3/8/2019	14,381	0	0	0	0	0	14,381	0	0	0	0	0	0	0	0	0	0
2754	20000243	REMOVE AND ENCLOSE STORAGE ROOM DOORWAY	10	105	1103	CITY HALL	OTHER	5/31/2019	24,950	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24,950
2755	20000244	OB WESTERN AREA MASTER PLAN UPDATE 8/1-3	90	901	3301	WATER PLANT	General	9/11/2019	63,290	0	0	0	0	0	0	0	0	0	0	0	0	0	63,290	0	0
2756	20000245	PUMPS*WW SKID ASSEMBLY	20	209	3502	WW COLLECTION AND REUSE	WW T&C	10/16/2018	8,368	0	0	0	0	0	0	0	3,340	5,028	0	0	0	0	0	0	0
2757	20000246	HIGH SERVICE PUMP 7 MOTOR	20	208	3301	WATER PLANT	GENERAL	10/23/2018	5,886	0	0	0	0	0	0	0	0	0	0	0	0	0	5,886	0	0
2758	20000247	ELECTRICAL WORK*AERATOR #2	20	209	3502	WW COLLECTION AND REUSE	WW T&C	11/20/2018	5,725	0	0	0	0	0	0	0	2,285	3,440	0	0	0	0	0	0	0
2759	20000248	REPLACE PUMP #2 @ 10M LIFT STATION	20	209	3502	WW COLLECTION AND REUSE	WW T&C	11/5/2018	5,888	0	0	0	0	0	0	0	2,350	3,538	0	0	0	0	0	0	0
2760	20000249	PINETRAIL LIFT STATION SUB PUMP #1	20	209	3501	WASTERWATER PLANT	WW T&C	11/15/2018	8,855	0	0	0	0	0	0	0	3,534	5,321	0	0	0	0	0	0	0
2761	20000250	PUMP @1 FOR 7M LIFT STATION	20	209	3501	WASTERWATER PLANT	WW T&C	11/15/2018	5,888	0	0	0	0	0	0	0	2,350	3,538	0	0	0	0	0	0	0
2762	20000252	MOTOR FORSLUDGE DIGESTER BLOWER #2	20	209	3501	WASTERWATER PLANT	WW Treatment	12/20/2018	5,935	0	0	0	0	0	0	5,935	0	0	0	0	0	0	0	0	0
2763	20000253	ELECTRIC AERATOR EQ TANK AERAOR	20	209	3501	WASTERWATER PLANT	WW Treatment	12/20/2018	6,365	0	0	0	0	0	0	6,365	0	0	0	0	0	0	0	0	0
2764	20000254	CENTRIFUGE SLUDGE FEED PUMP #2	20	209	3501	WASTERWATER PLANT	WW Treatment	12/17/2018	12,827	0	0	0	0	0	0	12,827	0	0	0	0	0	0	0	0	0
2765	20000255	A/C ON HIGH SERVICE PUMP #7	20	208	3301	WATER PLANT	General	1/7/2019	10,215	0	0	0	0	0	0	0	0	0	0	0	0	0	10,215	0	0
2766	20000256	REPLACE PUMP #1*5M LIFT STATION	20	209	3501	WASTERWATER PLANT	WW T&C	10/3/2018	17,995	0	0	0	0	0	0	0	7,181	10,813	0	0	0	0	0	0	0
2767	20000257	GE MDS SD MASTER RADIO STATION	20	208	3301	WATER PLANT	General	1/18/2019	6,547	0	0	0	0	0	0	0	0	0	0	0	0	0	6,547	0	0
2768	20000258	AURORA 411 PUMP CASING	20	208	3301	WATER PLANT	General	1/22/2019	11,400	0	0	0	0	0	0	0	0	0	0	0	0	0	11,400	0	0
2769	20000259	PEP PUMPS*WEST ORMOND AREA	20	209	3502	WW COLLECTION AND REUSE	WW Collection	3/11/2019	70,803	0	0	0	0	0	0	0	0	70,803	0	0	0	0	0	0	0
2770	20000260	INSTALL ELECTRICAL TO WWTP MIXER	20	209	3501	WASTERWATER PLANT	WW Treatment	3/25/2019	15,940	0	0	0	0	0	0	15,940	0	0	0	0	0	0	0	0	0
2771	20000261	REPLACEMENT PUMP FOR LS# 5M PUMP #3	20	209	3501	WASTERWATER PLANT	WW T&C	4/16/2019	19,463	0	0	0	0	0	0	0	7,767	11,695	0	0	0	0	0	0	0
2772	20000262	INSTALL SCADA POLE*HUNTER'S RIDGE	20	209	3501	WASTERWATER PLANT	General	4/25/2019	6,235	0	0	0	0	0	0	0	0	0	0	0	0	0	6,235	0	0
2773	20000263	NIDEC ELECTRIC MOTOR	20	209	3501	WASTERWATER PLANT	General	3/29/2019	21,503	0	0	0	0	0	0	0	0	0	0	0	0	0	21,503	0	0
2774	20000264	ELECTRICAL WORK@ 6M LS	20	209	3501	WASTERWATER PLANT	WW T&C	5/30/2019	10,725	0	0	0	0	0	0	0	4,280	6,445	0	0	0	0	0	0	0
2775	20000265	ddr/ Scrubber pumps	20	208	3301	WATER PLANT	General	6/5/2019	23,233	0	0	0	0	0	0	0	0	0	0	0	0	0	23,233	0	0
2776	20000266	CONVEYOR BELT FOR*WWTP	20	209	3501	WASTERWATER PLANT	WW Treatment	9/18/2019	22,500	0	0	0	0	0	0	22,500	0	0	0	0	0	0	0	0	0
2777	20000269	WATER METERS	20	208	3302	WATER DISTRIBUTION	W METERS	9/18/2019	16,164	0	0	0	0	0	16,164	0	0	0	0	0	0	0	0	0	0
2778	20000270	GRANADA/CLYDE MORRIS EMERGENCY REPAIR	20	209	3501	WASTERWATER PLANT	WW Treatment	8/2/2019	42,765	0	0	0	0	0	0	42,765	0	0	0	0	0	0	0	0	0
2779	20000271	WWTP AMP CORD & ADAPTER	20	209	3501	WASTERWATER PLANT	General	4/12/2019	6,640	0	0	0	0	0	0	0	0	0	0	0	0	0	6,6		

CITY OF **Ormond Beach**

Municipal Impact Fees Study

Draft Report 2 / August 12, 2022



DRAFT 2

August 12, 2022

Honorable Mayor and
Members of the City Commission
City of Ormond Beach
22 South Beach Street
Ormond Beach, FL 32174

Subject: **Municipal Impact Fees Study**

Ladies and Gentlemen:

We have completed our study of the municipal impact fees for parks and recreation, stormwater, local roads, and mobility fees as well as our impact fee feasibility analysis for the police and fire departments for the City of Ormond (the "City") and have summarized the results of our analysis, assumptions, and conclusions in this report, which is submitted for your consideration. This report summarizes both the basis for the proposed impact fees in order to provide funds to meet the City's capital expenditure requirements for such services allocable to growth as well as basis for the recommendation regarding potential implementation of police and fire impact fees.

During the course of the study, it was determined that the proposed impact fees should meet a number of goals and objectives. These goals and objectives primarily deal with fee sufficiency and level. Specifically, the major objectives considered in this study include:

- The Impact Fees should be sufficient to fund the projected capital requirements associated with providing service to new growth and development;
- The Impact Fees should not be used to fund deficiencies in capital needs of the City, if any; and
- The Impact Fees should be based upon reasonable level of service standards which meet the needs of the City and are similar to industry standards.

The proposed municipal services impact fees presented in this report should meet the above objectives, as identified by the City during this study. As such, based on information provided by the City and the assumptions and considerations reflected in this report, Raftelis Financial Consultants, Inc. (Raftelis) considers the proposed fees to be cost-based, reasonable, and representative of the funding requirements of the City.

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Honorable Mayor and Members of the City Commission
City of Ormond Beach
August 12, 2022
Page 2

We appreciate the cooperation and assistance given to us by the City and its staff in the completion of the study.

Very truly yours,

RAFTELIS FINANCIAL CONSULTANTS, INC.

KITTELSON & ASSOCIATES

Anthony Hairston
Vice President

Stephanie Shealey, P.E.
Senior Engineer

Shawn Ocasio
Manager

AH/dc
Attachments

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EXECUTIVE SUMMARY AND RECOMMENDATIONS

Executive Summary

The purpose of an impact fee is to assign, to the extent practical, growth-related capital costs to new development responsible for such costs. To the extent new population growth and associated development imposes identifiable capital costs to municipal services, equity and modern capital funding practices suggest the assignment of such cost to those residents or system users responsible for such costs. The City of Ormond Beach (City) has recognized this capital funding strategy as being an appropriate method of funding the certain future capital requirements of the City. The City has, in the past, adopted impact fees for the following municipal services:

- Parks and Recreation
- Stormwater
- Transportation

This report addresses the impact fees associated with parks and recreation, stormwater, and transportation (collectively, the “Municipal Services Impact Fees”). The City currently has impact fees for all these services as noted above. Raftelis Financial Consultants, Inc. (Raftelis) was retained to review and develop proposed fees, as appropriate. In addition, Raftelis was tasked to conduct a feasibility study for police and fire services in order to determine if the City should consider implementing police and fire impact fees.

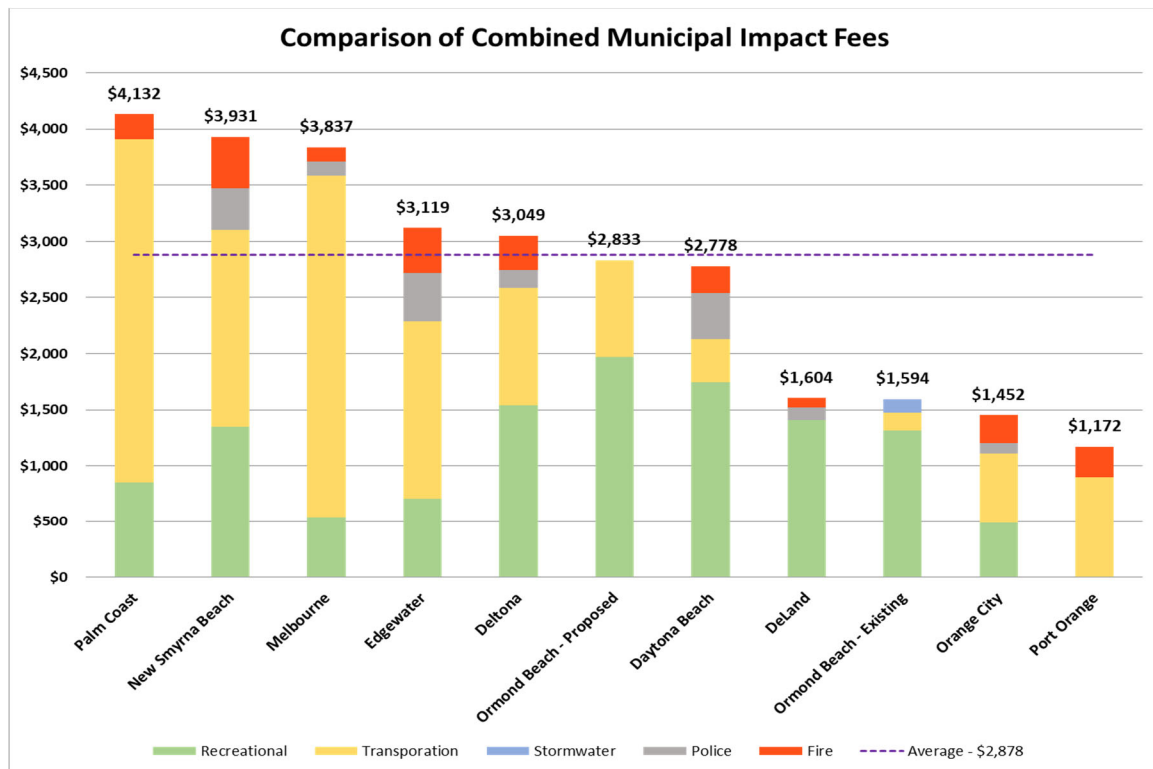
Based on the subsequent discussions in this section, the following table summarizes the City’s existing to proposed impact fees for the single-family residential classification as follows:

Single-family Residential Impact Fees		
	Existing Fees	Proposed Fess
Parks and Recreation	\$1,312.24	\$1,968.00
Stormwater	119.39	0.00
Local Roads	162.61	864.59
Total	<u>\$1,594.24</u>	<u>\$2,832.59</u>

Mobility Fees		
	Existing Fees	Proposed Fess
Rate per Person Trip	\$16.00	\$85.67

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A comparison of the City's existing and proposed single-family residential impact fees levels to other local municipalities is shown below for informational purposes.



As shown above, the City's calculated impact fees are comparable to the impact fees charged other Florida communities surveyed.

The existing and proposed fee shown above for parks and recreation is only charged to residential properties, while fees for roads are also charged to non-residential properties. The non-residential fees are unique to the service requirements of each property. A detailed discussion on impact fees for both residential and non-residential properties is provided for in subsequent sections of this study report.

Findings and Recommendations

The following is a summary of the observations and recommendations following our investigation, analyses, and preparation of this report:

1. The impact fees must be reasonably related to the cost of providing capital facilities / equipment needed to accommodate new growth. The impact fees collected must be used by the City to address the capital costs related to serving new development. Based on the information made available by the City, the proposed impact fees are designed to meet these Florida legal requirements.
2. Pursuant to Florida Statutes Section 163.31801, the City must provide notice no less than 90 days before the effective date of an ordinance or resolution imposing a new or increased impact fee.
3. Collection of the fee may not be required before the issuance of the building permit.

4. In compliance with Florida Statutes the City should collect and maintain revenue from each type of municipal fee in designated sub-accounts and use such fees on those facilities designated for each purpose.
5. The City should adopt the impact fees as proposed to ensure adequate funding sources are available to fund future service expansion projects needed to provide the identified level of service to new growth.
6. The fees developed within this report reflect recovery of identified costs and the City has discretion to phase-in or otherwise adopt less than the fully calculated fees. However, the adoption of fees less than the fully calculated rates should be applied to all land uses equally in order to maintain the calculations herein in correct proportion. Adopting less than the calculated rates would increase the reliance on general fund and other revenue sources to meet the demands of growth.
7. For reasons detailed in Section 4 of this report the City should consider the discontinuation of its stormwater impact fees.
8. The City should revise its impact fee credit policy so that credits from demolitions will no longer have an expiration date.
9. As detailed in Sections 6 and 7 of this report, we recommend that the City consider pursuing the development and establishment of police and fire protection impact fees.

The subsequent sections of this report provide detailed discussions on the existing and proposed impact fees for parks and recreation services, stormwater service, and local roads / mobility service as well as a discussion on the police and fire feasibility analyses and recommendations.

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SECTION 1 – INTRODUCTION

Introduction

The City of Ormond Beach (City) is located in Volusia County (County) north of Daytona Beach and south of Palm Coast. The City comprises 38.91 square miles and provides an array of services to year-round and seasonal residents. The municipal services in demand include parks and recreation, police, fire / EMS services, and stormwater management. Based on the published U.S. Census in 2020, the City's permanent population was 43,080. Based on historical growth trends and discussions with the City's Planning Department, the estimated 2021 population was 44,041. It is anticipated that the City will have modest growth over the next 20 years with the City's population projected to reach 50,630 with approximately 21,730 housing units by 2040 (Forecast Period). In addition to housing, the City anticipates commercial development to continue to support new residents. In order to meet this anticipated growth and development and to maintain current levels of service, the City will need to fund capital improvements to serve such development.

The City's Municipal Services Impact Fees were last updated in 1996. Although the City has indexed such rates annually thereafter, rates need to be reviewed periodically to ensure that such fees reflect current actual investments made to serve growth, and to adequately reflect additional needs required to service new developments. Therefore, the City authorized Raftelis, to evaluate the existing parks and recreation, stormwater management, and roads / mobility impact fees and to complete a feasibility analysis on potential new impact fees for police and fire protection service.

Authorization

Raftelis was authorized by the City to evaluate and develop parks and recreation and stormwater impact fees as well as preform a feasibility analysis to assess the potential for police and fire impact fees pursuant to an agreement between the City and Raftelis. The scope of work for this project, as defined in the agreement, was to:

1. For each service, review and analyze the capital requirements of the City that are needed to meet the level of service standards for the municipal function. This analysis includes a review of: i) the existing and future facility and equipment inventory of each specific municipal function; ii) service area population and development demographics and future needs; and iii) services provided by class of customers.
2. Where appropriate, develop a fee to be charged to new development in order to recover the capital costs associated with providing municipal services. This analysis includes the apportionment of costs among customer / development classifications, and the development of the fee per equivalent billing unit.
3. Make recommendations as to additional impact fees to charge for services that the City provides.
4. Develop a comparison of the impact fees and associated billing attributes for similar charges imposed by other neighboring jurisdictions.
5. Prepare a report that documents our analyses, assumptions, and conclusions for consideration by the City Manager and City Commission.

Criteria for Impact Fees

The purpose of an impact fee is to assign, to the extent practical, growth-related capital costs to those new customers that benefit from the facilities funded by such expenditures. To the extent new population growth and associated development imposes identifiable capital costs to municipal services, equity and modern capital funding practices suggest the assignment of such costs to those residents or system users responsible for such costs rather than the existing population base. Generally, this practice has been labeled as “growth paying its own way”.

Historically, impact fees in Florida were a result of home rule powers with the requirements associated with the development, administration, accounting and expenditure governed by case law. However, Section 163.31801 of the Florida Statutes, known as the “Florida Impact Fee Act”, was created on June 14, 2006, which placed specific requirements and limitations on that home rule authority. This statute has been amended several times since its initial adoption, including significant additional provisions in 2021 such as limiting the percentage increase for a change in impact fees. Appendix A at the end of the report includes the full Florida impact fee statute.

The statute provides specific impact fee criteria, certain precedents established by case law also constitute the legal requirements associated with impact fees. Some of the major criteria includes the following:

1. The impact fee should be reasonably equitable to all parties; that is, the amount of the fee must bear a relationship to the amount of services requested;
2. The system of fees and charges should be set up so that there is not an intentional windfall to existing users;
3. The impact fee should, to the extent practical, only cover the capital cost of construction and related costs thereto (engineering, legal, financing, administrative, etc.) for increases in or expansions of capacity or capital requirements that are required solely due to growth. Therefore, expenses due to normal renewal and replacement of a facility (e.g., replacement of a capital asset) should be borne by all users of the facility or municipality. Similarly, increased expenses due to operation and maintenance of that facility should be borne by all users of the facility; and
4. The local government must adopt a revenue-producing ordinance that explicitly sets forth restrictions on revenues (uses thereof) that the imposition of the impact fee generates. Therefore, the funds collected from the impact fees should be retained in a separate account, and separate accounting must be made for those funds to ensure that they are used only for the lawful purposes described.

Based on the criteria provided above, the impact fees herein will: 1) include local current costs of improvements associated with the capacities needed to serve new growth; 2) not reflect costs of improvements associated with the renewal and replacement (R&R) of existing capital assets or deficiencies in level of service attributed to existing development; and 3) not include any costs of operation and maintenance of the capital improvements and equipment.

This section provides only a general background regarding impact fees. Certain circumstances and issues regarding the interpretation of specific statutes or case law should be addressed by qualified legal counsel.

Impact Fee Methods

There are several different methods for the calculation of an impact fee. The calculation is dependent on the type of fee being calculated (e.g., recreational services, transportation, etc.), cost and engineering data available, and the

availability of other local data such as household and population projections, current levels of service, and other related items. The proposed Municipal Services Impact Fees reflected in this report are predominately based on three separate methods. There were three major methods of impact fee calculation considered in this analysis. These three methods were: i) the improvements-driven method; ii) the standards-driven method; and iii) the buy-in or recoupment approach. These methods have been utilized in the development of impact fees for local governments throughout Florida.

The improvements-driven method is an approach that utilizes a specific list of existing or planned capital improvements over a period of time. For example, the fee may correspond to the level of capital improvements that have been identified in the capital improvements element of the Comprehensive Plan or capital improvement budget of the entity. The standards-driven method does not utilize the cost of improvements based on anticipated needs as stated in the capital improvement plan but rather uses a set of theoretical standards to determine the cost of the improvements associated with new growth. The buy-in or recoupment method is based on this historical cost of assets, and adjustments to the basis of these assets, currently in service and the current population. The primary difference between the three methodologies is how the capital costs, which must be recovered from the application of the fee, are calculated.

The proposed impact fees herein for the municipal services include the application of these methods based on the capital facilities required to provide services and meet the City's service level standards. Where appropriate, the blending of methods occurred and a more complete discussion of the methods used for the determination of the impact fees are presented in Sections 3 through 5.

Summary of Report

In addition to Section 1, this report has been subdivided into six (6) other sections. The following is a brief discussion of the remaining sections included in this report.

Section 2 – City Demographics. This section of the report provides a general discussion of the residential land use characteristics. Also presented in this section is the forecast of the residential dwelling units and non-residential development that is necessary in the design of the impact fees for the municipal services.

Section 3 – Parks and Recreation Service Impact Fee Analysis. This section discusses the development of the recreation impact fee, including the capital requirements associated with providing parks and recreation facilities to the City's residents, the methodology for the determination of the proposed fees, assumptions utilized in the design of the fees, and other factors associated with the fee determination.

Section 4 – Stormwater Impact Fee Analysis. This section discusses the existing stormwater system, a discussion on stormwater system funding approaches, the current stormwater impact fees charged, and recommendations regarding the fees.

Section 5 – Transportation Impact Fee Analysis. This section discusses the development of the local roads and mobility impact fees, including the methodology for the determination of the proposed fees, assumptions utilized in the design of the fees, and other factors associated with fee determination.

- Section 6 – Police Facilities Impact Fee Feasibility Analysis. This section discusses the feasibility of possibly developing impact fees for police services in the future, including a review of current capital costs, a comparison of police impact fees charged in neighboring communities, and a potential fee range.
- Section 7 – Fire Protection Facilities Impact Fee Feasibility Analysis. This section discusses the feasibility of possibly developing impact fees for fire protection services, including a review of current capital costs for providing fire services, a comparison of fire impact fees charged in neighboring communities, and a potential fee range.

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SECTION 2 – CITY DEMOGRAPHICS

General

This section provides a general discussion of the current service area, including population and housing statistics and other demographic information related to land use. Additionally, a discussion of the anticipated growth in population and associated growth in residential dwelling units is also contained in this section.

Population and Development Forecast

Regardless of the approach taken to formulate impact fees, a forecast of the population of the City is needed in order to: i) have an appropriate planning horizon to ensure that capital improvement needs and costs are apportioned over a suitable growth segment; ii) link LOS requirements to the capital facility plan; and iii) identify any deficiencies in existing capital facilities related to the LOS standards and current population served.

As shown in Table 2-1 at the end of this section, the City's total estimated population is 44,041 in 2021. Based on information provided by the City, it is estimated that the total population will approach approximately 45,829 residents by 2025 and 50,630 residents by the year 2040. Thus, the population growth anticipated by the City is expected to be moderate, approximately 1.00% on an average annual basis through the year 2030 and then conservatively by 0.50% percent through the year 2040.

Historical and Projected Population and Dwelling Units			
Year	Total Population	Total Dwelling Units	Average Persons per Occupied Dwelling Unit
2020 [1]	43,080	18,489	2.33
2021	44,041	18,700	2.33
2025	45,829	19,669	2.33
2030	48,167	20,673	2.33
2040	50,630	21,730	2.33

[1] Future population estimates shown based on a review of historical population growth as obtained from the U.S. Census Bureau, from projections from the University of Florida's Florida Housing Data Clearinghouse, and discussions with City staff.

To the extent the projection of future development materially changes, it would then be appropriate for the City to re-evaluate the impact fees developed in this report.

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Persons per Household

In order to develop recreational impact fees based on the type of residential properties to estimate the impact on recreational facilities, Raftelis evaluated the existing residential units within the City. Based on the historical relationships of persons per dwelling unit for single-family, multi-family, and mobile home property types used in the existing fees as well as revised population and unit data from the Census Bureau an estimate of persons per unit was developed and is shown below.

- Single-family Persons per Household – 2.53
- Multi-family Persons per Household – 2.05
- Mobile Home Persons per Household – 1.68
- City Average Persons per Household – 2.33

It should be noted that with respect to Sections 6 and 7 in this report, further demographic data and related functional population analyses would be required in order to develop potential police and fire impact fees. At this time the proposed fees being calculated (the parks and recreation fees described in Section 3) do not involve this type of approach as they only apply to residential development and not nonresidential development.

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Section 2
City of Ormond Beach
Municipal Impact Fee Study

List of Tables

Table	Description
2-1	Population and Housing Forecast

Table 2-1
City of Ormond Beach
Municipal Impact Fee Study

Population and Housing Forecast

Line No.	Fiscal Year	Annual Average Rate	Total Population [1]	Total Units	Average Pop. per Unit
1	2010		38,137	16,193	2.36
2	2019	0.9%	41,282	18,024	2.36
3	2020	4.36%	43,080	18,489	2.33
3	2021	2.23%	44,041	18,902	2.33
4	2025	1.00%	45,829	19,669	2.33
5	2030	1.00%	48,167	20,673	2.33
6	2040	0.50%	50,630	21,730	2.33
7	Overall 2020 - 2040	0.81%			

Footnotes

- [1] Future population estimates based on a review of historical population growth as obtained from the US Census Bureau and from projections from the City.

SECTION 3 – PARKS AND RECREATION SERVICE IMPACT FEE ANALYSIS

General

This section provides a discussion of the development and design of the proposed impact fee for parks and recreation services. Included in this section is a discussion of the City's adopted level of service (LOS) standards, facility requirements, and related capital costs included as the basis for the fee determination, and the design of the fee to be applied to new growth within the City.

Level of Service Standards

As outlined in the City's Comprehensive Plan and Parks and Recreation Master Plan, the City has adopted Level of Service (LOS) standards for recreational facilities and activities. With respect to open space, the City has adopted a recreational open-space LOS standard of thirteen (13.00) acres per 1,000 residents in total. The City currently owns and maintains an inventory of parks. A summary of the City-owned and -operated parks (existing and under development) is summarized on Table 3-1. The City's current inventory includes 607.45 acres including neighborhood parks, mini-parks, community centers, and more. Table 3-2 provides a detailed listing of the City's current investment in the parks, including land, improvements, facilities, and equipment, which total approximately \$58.1 million. As shown in Table 3-3 and based on the estimated population of 44,041 residents in 2021, the City has an existing level of service for total open space of 13.0 acres per 1,000 population, which results in the City having an existing surplus as follows:

Descriptions	Amounts
Population 2021	44,041
Open Space LOS	13.0 Acres per 1,000 Population
Required Acres	572.53 Acres
Current City Inventory	607.45 Acres
Surplus/(Deficiency)	34.92 Acres

It should also be noted that as the City's population grows over time this surplus of acreage per 1,000 population will decrease. However, the City has plans for the acquisition of additional land at multiple sites that will go towards maintaining the required parks and recreation LOS throughout the forecast window through 2040.

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Existing Recreational Assets

In the determination of the fee, the historical costs of the existing assets and any grant funding for those assets was considered. The City's existing assets are categorized by type and are summarized below.

Inventory of City Parks and Recreational Facilities [1]	
Description	Historical Cost
Assets Included in Fee Calculation:	
Land	\$10,599,856
Facilities	30,422,508
Activity-related	14,615,760
Subtotal	\$55,638,123
Assets Excluded From Fee Calculation:	
Machinery and Equipment	\$947,032
Other Excluded Assets	1,544,333
Subtotal	\$2,491,365
Total Existing Investment in Parks and Recreation	<u>\$58,129,488</u>

[1] Amounts as shown on Table 3-2.

As shown above, of the \$58,129,488 in recreational assets, \$55,638,123 is included in the calculation of the impact fee.

Capital Improvement Plan

In the determination of the fee, the following five- (5) year capital improvement plan was provided by the City for this project. Along with the City's existing investment in recreation assets this capital improvement plan is anticipated and designed to provide recreation services to the City's "buildout" dwelling unit level and maintain the identified level of service standards. The City's capital improvements are summarized below.

Projected Future City Investment in Recreational Facilities and Activities (Capital Plan) [1]	
Description	Amount
Total Improvements	\$6,229,053
Less:	
Grant Funding	(2,149,303)
R&R Projects	(547,249)
Future Investment Included in Fee Calculation	<u>\$3,532,501</u>

[1] Amounts as provided by City staff and are shown on Table 3-4.

As can be seen above, the City anticipates spending \$3,532,501 in order to further acquire and develop the parks and recreation facilities to provide the desired level of recreation services to the City after adjustments for grants and renewal and replacement (R&R) projects.

Design of Recreational Facility Impact Fee

The method used to calculate the impact fee is a combination of the improvements-driven method and buy-in method as the recoupment of a portion of existing investments available to serve new growth and the costs associated with adding additional capacity to serve the City's future recreation needs are recognized. Table 3-5 at the end of this report summarizes the results of the impact fee calculation. The following is a brief description of the method used in this study:

- Development of Recoverable Assets – Based on the City's existing investment in recreation and park facilities, and the dwelling unit projections at "buildout", the total estimated cost of existing assets to serve residents is identified.
- Development of Total Capital Need – Based on the City's estimated capital costs of developing future park facilities, and the dwelling unit projections, the total estimated cost to serve existing residents is developed.
- Development of Equivalent Impact Fee Units – This data which was provided by Staff in the form of the City's anticipated "buildout" dwelling unit capacity. These figures are used to develop a proposed fee per dwelling unit.
- Calculation of Cost per Dwelling Unit – Once the total capital costs allocable to future resident are determined, the impact fee unit per dwelling (residence) is calculated. This calculation represents the average cost of recreation facilities per dwelling person multiplied by the estimated persons per dwelling unit for single-family, multi-family, and mobile home residential dwellings.

RECREATIONAL FACILITY IMPACT FEE ASSUMPTIONS

In the development of the recreation impact fees, several assumptions were utilized. The major assumptions used in the development of the impact fees are as follows:

1. The development of the cost for the recreation facilities impact fees was based on the City's current inventory of parks and recreational activities, the recommended level of service standards for recreational facilities, and the City's estimated capital costs to develop future facilities and activities.
2. As indicated in Table 3-5, the City has identified existing needs totaling \$49,942,204, which includes a credit for grants and R&R projects, which reduced the burden by \$9,855,920. The total needs were based primarily on actual investments made by the City, which should be recouped from future residential growth.
3. No credits from other revenue sources have been identified for the purposes of this calculation, as it is assumed that other funding sources generated by future users will be utilized to provide for the necessary ongoing operating and repair / replacement costs required.

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IMPACT FEE CALCULATION

Based on the above-referenced assumptions, the recreation impact fee as calculated in detail on Table 3-5 was determined as follows:

Description			Amounts
Existing Investment in Parks and Recreation [1]			\$55,638,123
Future Investment in Parks and Recreation [2]			4,160,001
Total Existing and Future Investment in Parks and Recreation Through 2025			\$59,798,124
Previously Grant Funded/Donated Assets [3]			(\$9,228,420)
Planned Future Grant Funded/Donated Assets Through 2025 [3]			(627,500)
Total Grant Funded/Donated Assets Through 2025			(\$9,855,920)
Total Existing and Proposed Investment in Parks and Recreation			\$49,942,204
Total City Population in 2040 [4]			50,630
Total Costs to be Recovered per Person			\$986.41
	Single-family	Multi-family	Mobile Home
Total Costs to be Recovered per Person	\$986.41	\$986.41	\$986.41
Estimated Persons per Dwelling Unit [5]	2.53	2.05	1.68
Total Costs to be Recovered per Dwelling Unit	\$2,500.07	\$2,021.49	\$1,658.45
Total Costs to be Recovered per Dwelling Unit (Rounded)	\$2,500.00	\$2,021.00	\$1,658.00

[1] Existing investment amount shown based on Table 3-2.

[2] Future investment amount shown based on Table 3-4.

[3] Amount based on information provided by City Staff.

[4] Buildout population shown based on Table 2-1.

[5] Amounts shown based on average population and housing unit data as obtained from the American Community Survey for 2019-2015 from the U.S. Census Bureau.

As shown above, the maximum supportable impact fees are \$2,500.00, \$2,021.00 and \$1,658.00 per dwelling unit for single-family, multi-family, and mobile home, respectively. Each of these fees are being increased by a percentage between 90.5% and 111.01%. The recent update to Section 168.31801 F.S. added the following subsection, which provides certain limitations of how municipalities can increase impact fees:

(6) A local government, school district, or special district may increase an impact fee only as provided in this subsection.

(a) An impact fee may be increased only pursuant to a plan for the imposition, collection, and use of the increased impact fees which complies with this section.

(b) An increase to a current impact fee rate of not more than 25 percent of the current rate must be implemented in two equal annual increments beginning with the date on which the increased fee is adopted.

(c) An increase to a current impact fee rate which exceeds 25 percent but is not more than 50 percent of the current rate must be implemented in four equal installments beginning with the date the increased fee is adopted.

(d) An impact fee increase may not exceed 50 percent of the current impact fee rate.

(e) An impact fee may not be increased more than once every 4 years.

(f) An impact fee may not be increased retroactively for a previous or current fiscal or calendar year.

(g) A local government, school district, or special district may increase an impact fee rate beyond the phase-in limitations established under paragraph (b), paragraph (c), paragraph (d), or paragraph (e) by establishing the need for such increase in full compliance with the requirements of subsection (4), provided the following criteria are met:

1. A demonstrated need study justifying any increase in excess of those authorized in paragraph (b), paragraph (c), paragraph (d), or paragraph (e) has been completed within the 12 months before the adoption of the impact fee increase and expressly demonstrates the extraordinary circumstances necessitating the need to exceed the phase-in limitation.
2. The local government jurisdiction has held not less than two publicly noticed workshops dedicated to the extraordinary circumstances necessitating the need to exceed the phase-in limitations set forth in paragraph (b), paragraph (c), paragraph (d), or paragraph (e).
3. The impact fee increase ordinance is approved by at least a two-thirds vote of the governing body.

(h) This subsection operates retroactively to January 1, 2021.

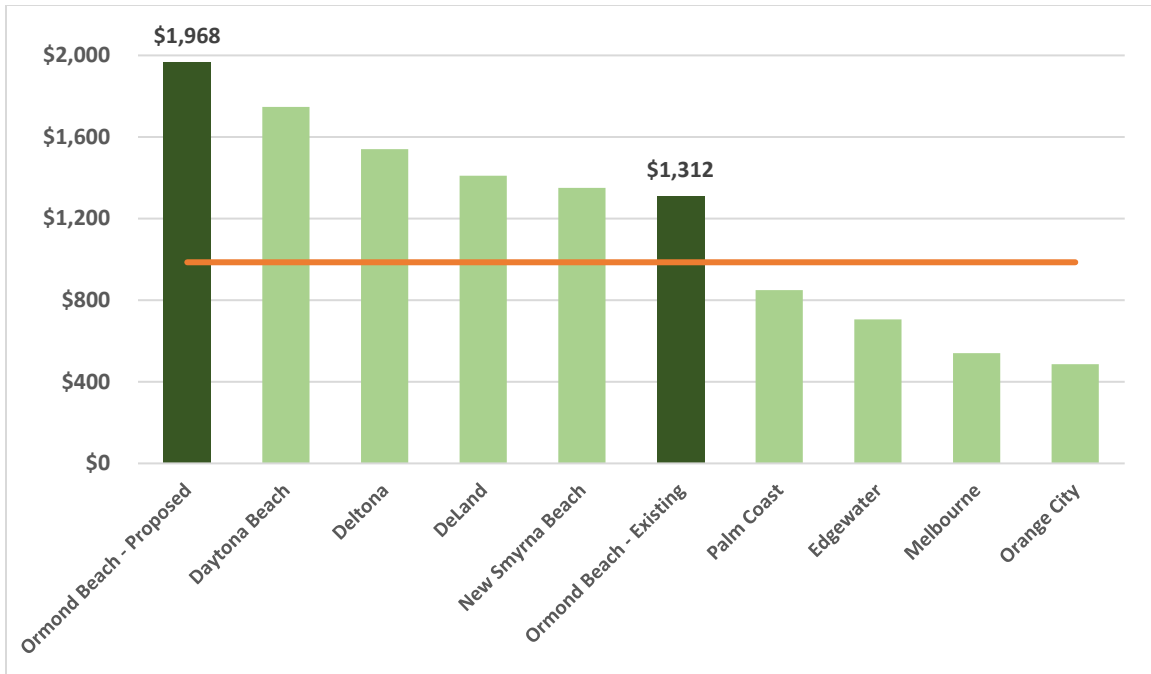
With the maximum supportable impact fee being significantly higher than the City's current fees due to the current investment and future planned investment in the department, we believe that the City should consider pursuing a fee increase via the extraordinary circumstances provision of the statute. However, for the purposes of maintaining relative competitiveness with neighboring municipalities we believe the City should aim for a 50% increase in the fees as opposed to the maximum supportable impact fee amount calculated. The proposed 50% increased fee level compared to existing and calculated rates is shown below.

Existing and Proposed Impact Fees			
Description / Customer Class	Existing Fees	Maximum Supportable Fees	50% Increase Proposed Fees
Single-family	\$1,312.24	\$2,500.00	\$1,968.00
Multi-family	\$1,048.42	\$2,021.00	\$1,572.00
Mobile Home	\$785.74	\$1,658.00	\$1,178.00

Impact Fee Comparisons

In order to provide the City additional information about the proposed impact fees, a comparison of the proposed fees for the City and those charged by other jurisdictions was prepared. Table 3-6 at the end of this section summarizes the impact fees for recreational services charged by other communities with the proposed rates of the City. Please note that each community may establish a different LOS standard to meet its demographic needs for recreation facilities and activities. The City can anticipate variances between other communities.

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Section 3
City of Ormond Beach
Parks and Recreation Services Impact Fee Analysis

List of Tables

Table	Description
3-1	Inventory of City Parks and Recreation Facilities
3-2	Summary of Existing City Investments in Parks and Recreation
3-3	Existing Level of Service and Open-Space Needs
3-4	Multi Year Capital Improvement Plan
3-5	Design of Parks and Recreation Impact Fee
3-6	Parks and Recreation Services Impact Fee Comparison

**Table 3-1
City of Ormond Beach
Parks and Recreation Services Impact Fee Analysis**

Inventory of City Parks and Recreation Facilities [1]

Line No.	Facility Classification	Acres	Facilities
1	Ames Park	1.28	(12) Parking (1) Restrooms (1) Gazebo (11) Park Benches (1) Walk/Jog Path (1) Fishing Permitted (1) Pier/Dock (1) Special Feature/Art
2	Andy Romano Beachfront Park	3.47	(199) Parking (1) Restrooms (1) Gazebo (15) Park Benches (1) Playground (1) Picnic Tables (1) Picnic Grill (1) Large Pavilion (1) Splash pad (1) Outdoor Showers (1) Fishing Permitted
3	Arroyo Oaks Mini Park	0.24	(2) Parking (1) Special Feature/Art
4	Arroyo Parkway Passive Park	16.87	
5	Bailey Riverbridge Gardens	3.62	(20) Parking (12) Park Benches (1) Picnic Tables (1) Special Feature/Art
6	Birthplace of Speed Park	0.68	(11) Parking (1) Restrooms (1) Park Benches (1) Picnic Tables (1) Picnic Grill (1) Large Pavilion (1) Pier/Dock
7	Casements Campus - (Includes Ormond Beach Tennis Center)	5.47	(70) Parking (1) Restrooms (1) Community Center (1) Meeting Room (1) Kitchen
8	Cassen Park	3.66	(47) Parking (1) Restrooms (1) Gazebo (1) Park Benches (1) Picnic Tables (1) Walk/Jog Path (1) Boat Ramp (1) Canoe/Kayak Launch (1) Fishing Permitted (1) Pier/Dock
9	Central Park I	21.08	(40) Parking (1) Restrooms (1) Park Benches (1) Playground (1) Picnic Tables (1) Large Pavilion (1) Basketball Court (1) Canoe/Kayak Launch (1) Fishing Permitted

**Table 3-1
City of Ormond Beach
Parks and Recreation Services Impact Fee Analysis**

Inventory of City Parks and Recreation Facilities [1]

Line No.	Facility Classification	Acres	Facilities
			(1) Pier/Dock (1) Community Gardens
10	Central Park II	15.29	(24) Parking (1) Gazebo (1) Basketball Court (1) Tennis Court (1) Pickleball Court (1) Fishing Permitted (1) Pier/Dock (1) Community Gardens
11	Central Park III	62.23	(5) Parking (1) Park Benches (1) Walk/Jog Path (1) Fitness Stations (1) Canoe/Kayak Launch
12	Central Park IV	53.89	(19) Parking (1) Restrooms (1) Park Benches (1) Walk/Jog Path (1) Canoe/Kayak Launch (1) Fishing Permitted (1) Pier/Dock (1) Community Center (1) Meeting Room
13	Division Avenue Passive Park	3.80	
14	Firehouse Park	0.31	(19) Parking (1) Park Benches (1) Playground (1) Picnic Tables (1) Special Feature/Art
15	Fortunato Park	4.29	(28) Parking (1) Restrooms (1) Park Benches (1) Playground (1) Picnic Tables (1) Picnic Grill (1) Nature Trail (1) Bike Trail (1) Canoe/Kayak Launch (1) Fishing Permitted (1) Pier/Dock (1) Special Feature/Art
16	GF Althouse Trail (Part of Central Park III)	3.70	(8) Parking (1) Walk/Jog Path (1) Bike Trail (1) Canoe/Kayak Launch (1) Fishing Permitted (1) Pier/Dock
17	Haas Park	14.95	(1) Park Benches (1) Walk/Jog Path
18	Hospital Gardens Mini-Park	0.08	(1) Park Benches
19	Huguenot Mini-Park	0.67	(3) Parking (1) Park Benches (1) Picnic Tables

**Table 3-1
City of Ormond Beach
Parks and Recreation Services Impact Fee Analysis**

Inventory of City Parks and Recreation Facilities [1]

Line No.	Facility Classification	Acres	Facilities
20	Indian Mound Mini-Park	0.35	
21	Lakebridge Drive Passive Park	2.85	
22	Limitless Playground (Included in Ormond Beach Sports Complex)	0.00	(32) Parking (1) Gazebo (1) Park Benches (1) Playground (1) Picnic Tables (1) Picnic Grill (1) Small Pavilion (1) Large Pavilion
23	Lincoln Ave Park	0.42	(1) Park Benches
24	Mainstreet Mini-Park	0.37	(1) Park Benches
25	Memorial Gardens Park	2.69	(33) Parking (1) Gazebo (1) Park Benches (1) Walk/Jog Path (1) Special Feature/Art
26	Milton W. Pepper Mini-Park	0.16	(1) Park Benches (1) Playground
27	Neptune Beach Mini-Park	0.19	(1) Parking
28	Nova Community Park	63.78	(96) Parking (1) Restrooms (1) Park Benches (1) Playground (1) Picnic Tables (1) Large Pavilion (2) Basketball Court (6) Tennis Court (4) Pickleball Court (4) Handball Court (4) Baseball Field (1) Softball Field (1) Skate Park (1) Walk/Jog Path (1) Batting Cages (1) Concessions (1) Community Center (1) Meeting Room (1) Gymnasium (1) Weight Room
29	Nova Road Passive Park North	1.74	
30	Nova Road Passive Park South	11.05	
31	Optimist Park (Included in Ormond Beach Sports Complex)	0.00	(20) Parking (1) Park Benches (1) Picnic Tables (1) Picnic Grill (1) Horseshoes
32	Ormond Beach Lions Mini-Park	0.04	(1) Park Benches
33	Ormond Beach Middle School Park	2.40	(67) Parking (4) Basketball Court (2) Tennis Court (3) Football Field

**Table 3-1
City of Ormond Beach
Parks and Recreation Services Impact Fee Analysis**

Inventory of City Parks and Recreation Facilities [1]

Line No.	Facility Classification	Acres	Facilities
34	Ormond Beach Performing Arts Center	0.60	(172) Parking (1) Restrooms (1) Special Feature/Art (1) Meeting Room
35	Ormond Beach Senior Center	0.40	(54) Parking (1) Restrooms (1) Special Feature/Art (1) Community Center (1) Meeting Room
36	Ormond Beach Skate Park	0.00	(24) Parking (1) Restrooms (1) Park Benches (1) Skate Park
37	Ormond Beach Sports Complex (includes Optimist and Limitless parks)	130.35	(748) Parking (1) Restrooms (1) Park Benches (1) Playground (1) Picnic Tables (1) Picnic Grill (1) Large Pavilion (4) Baseball Field (5) Softball Field (4) T-Ball Field (3) Football Field (12) Soccer Field (1) Shuffleboard Court (1) Batting Cages
38	Ormond Beach Tennis Center	0.00	(70) Parking (1) Restrooms (8) Tennis Court
39	Ormond Parkway Mini-Park	0.19	(2) Parking (1) Park Benches
40	Ormond Shores Mini-Park	1.32	(1) Park Benches (1) Walk/Jog Path
41	Osceola Elementary School Park	5.25	(13) Parking (1) Park Benches (1) Playground (1) Picnic Tables (1) Picnic Grill (1) Large Pavilion (1) Basketball Court (1) Softball Field
42	Plaza Grand Mini-Park	1.34	
43	Riverbend Nature Park	81.88	(22) Parking (1) Restrooms (1) Park Benches (1) Playground (1) Picnic Tables (1) Picnic Grill (1) Small Pavilion (1) Nature Trail (1) Walk/Jog Path (1) Bike Trail (1) Fitness Stations (1) Canoe/Kayak Launch

**Table 3-1
City of Ormond Beach
Parks and Recreation Services Impact Fee Analysis**

Inventory of City Parks and Recreation Facilities [1]

Line No.	Facility Classification	Acres	Facilities
			(1) Fishing Permitted (1) Pier/Dock (1) Special Feature/Art
44	Riviera Park	5.77	(26) Parking (1) Park Benches (1) Playground (1) Picnic Tables (1) Picnic Grill (1) Small Pavilion (1) Walk/Jog Path (1) Fishing Permitted (1) Pier/Dock (1) Special Feature/Art
45	Rockefeller Gardens Park	2.24	(70) Parking (1) Park Benches (1) Walk/Jog Path (1) Special Feature/Art
46	Sanchez Park	8.41	(15) Parking (1) Restrooms (1) Park Benches (1) Playground (1) Picnic Tables (1) Picnic Grill (1) Large Pavilion (1) Nature Trail (1) Walk/Jog Path (1) Boat Ramp (1) Canoe/Kayak Launch (1) Fishing Permitted (1) Pier/Dock
47	Santa Lucia Bench Mini-Park	0.27	(1) Park Benches
48	S. Old Kings Road Passive Park	4.22	
49	S. Ormond Neighborhood Center	6.99	(43) Parking (1) Restrooms (1) Park Benches (1) Playground (1) Picnic Tables (1) Large Pavilion (1) Basketball Court (2) Tennis Court (1) Handball Court (1) Baseball Field (1) Walk/Jog Path (1) Splash pad (1) Concessions (1) Community Center (1) Meeting Room (1) Gymnasium
50	Ted Porter Mini-Park	0.18	(1) Park Benches
51	Vadner Mini-Park	0.63	(1) Park Benches
52	Waldo O. Berry Heritage Mini-Park	0.24	(1) Picnic Tables (1) Picnic Grill
53	W. Ormond Community Park	17.30	
54	W. Ormond Wetlands Park	38.00	(10) Parking

Table 3-1
City of Ormond Beach
Parks and Recreation Services Impact Fee Analysis

Inventory of City Parks and Recreation Facilities [1]

Line			
No.	Facility Classification	Acres	Facilities
			(1) Nature Trail
55	Woodmere Mini-Park	0.25	
56	<u>Summary</u>	<u>Acres</u>	
57	Mini	114.86	
58	Passive	74.75	
59	Community	221.74	
60	Special Use	4.70	
61	Sports Complex	130.35	
62	Neighborhood	23.05	
63	Natural Resources	38.00	
64	Total	<u>607.45</u>	

Footnotes

[1] Park acreage and facilities inventory as provided by the City.

Table 3-2
City of Ormond Beach
Parks and Recreation Services Impact Fee Analysis

Summary of Existing City Investments in Parks and Recreation

Line No.	Description	Historical Cost [1]
	<u>Assets Included in Fee Calculation</u>	
1	Land	\$10,599,856
2	Facilities	30,422,508
3	Activity Related	14,615,760
4	Total Assets Included in Fee Calculation	<u>\$55,638,123</u>
	<u>Assets Excluded from Fee Calculation</u>	
5	Machinery and Equipment	\$947,032
6	Other Excluded Assets (Donations, Non Recreation Items, etc.)	1,544,333
7	Total Assets Excluded from Fee Calculation	<u>\$2,491,365</u>
8	Total Existing Investment in Parks and Recreation Assets	<u><u>\$58,129,488</u></u>

Footnotes

[1] Amounts reflected as provided by the City as of September 30, 2020.

Table 3-3
City of Ormond Beach
Parks and Recreation Impact Fee Analysis

Existing Level of Service and Open-Space Needs

Line No.	Facility Classification	<u>City Open Space Standards [1]</u>			<u>Existing City Facilities [2]</u>			<u>To City Standards</u>	
		Acres	Per	Population	Total Acres	Per	2021 Population	Required	Surplus / (Deficiency)
1	Parks	13.00	[3]	1,000	607.45		44,041	572.53	34.92
2	Total	13.00		1,000	607.45		44,041	572.53	34.92

Footnotes

[1] As provided in the City's Comprehensive Plan.

[2] Inventory and Classification as provided by the City and as provided in detail in Table 3-1.

[3] The City's standard is to provide approximately 13 Acres per 1,000 residents.

Table 3-4
City of Ormond Beach
Parks and Recreation Services Impact Fee Analysis

Multi-Year Capital Improvement Plan [1]

Line No.	Description	2021-2025 Total	Grant Funding	R&R Adjustments	Adjusted Total	New, R&R or Upgrade
1	Community Development Block Grant Projects	\$129,803	(\$129,803)	\$0	\$0	R&R
2	Facility Hardening	1,000,000	(750,000)	(250,000)	0	R&R
3	Performing Arts Center Renovations	607,000	(607,000)	0	0	R&R
4	Ormond Beach Sports Complex Access and Drainage	484,950	0	(113,249)	371,701	Upgrade / New
5	Environmental Discovery Center Trail System Connection	455,000	(227,500)	0	227,500	Upgrade / New
6	Landscape Renovations	15,000	0	(15,000)	0	R&R
7	Nova LED Baseball Lighting	1,800,000	(400,000)	0	1,400,000	Upgrade / New
8	Nova Parking & Fitness Stations	901,300	0	0	901,300	Upgrade / New
9	Ormond Beach Sports Complex Parking	632,000	0	0	632,000	Upgrade / New
10	Tree Replacement Program	50,000	(35,000)	(15,000)	0	R&R
11	Vehicle Replacement	154,000	0	(154,000)	0	R&R
12	Total Capital Improvement Program	\$6,229,053	(\$2,149,303)	(\$547,249)	\$3,532,501	

Footnotes:

[1] Amounts shown based on capital planning information provided by the Parks Department.

Table 3-5
City of Ormond Beach
Parks and Recreation Services Impact Fee Analysis

Design of Parks and Recreation Impact Fee

Line No.	Description	Amount
1	Existing Investment in Parks and Recreation [1]	\$55,638,123
2	Future Investment in Parks and Recreation [2]	4,160,001
3	Total Existing and Future Investment in Parks and Recreation Through 2025	\$59,798,124
4	Previously Grant Funded / Donated Assets [3]	(\$9,228,420)
5	Planned Future Grant Funded / Donated Assets Through 2025 [3]	(627,500)
6	Total Grant Funded / Donated Assets Through 2025	(\$9,855,920)
7	Total Existing and Proposed Investment in Parks and Recreation	\$49,942,204
<u>Estimated Population Served</u>		Amount
8	Projected 2040 Population [4]	50,630
9	Estimated Population Served	50,630
<u>Cost Per Person Calculation</u>		
10	Allocated Costs	\$49,942,204
11	Projected 2040 Population [4]	50,630
12	Cost Per Person	\$986.41
<u>Fee Calculation</u>		Single Family
13	Cost Per Person	\$986.41
14	Persons Per Dwelling Unit [5]	2.53
15	Total Cost Per Dwelling Unit	\$2,500.07
16	Rounded Cost Per Unit - Maximum Supportable Impact Fee	\$2,500.00
17	Recommended Fee - 50% Increase	\$1,968.00
<u>Fee Calculation</u>		Multi-Family
18	Cost Per Person	\$986.41
19	Persons Per Dwelling Unit [5]	2.05
20	Total Cost Per Dwelling Unit	\$2,021.49
21	Rounded Cost Per Unit - Maximum Supportable Impact Fee	\$2,021.00
22	Recommended Fee - 50% Increase	\$1,572.00
<u>Fee Calculation</u>		Mobile Home
23	Cost Per Person	\$986.41
24	Persons Per Dwelling Unit [5]	1.68
25	Total Cost Per Dwelling Unit	\$1,658.45
26	Rounded Cost Per Unit - Maximum Supportable Impact Fee	\$1,658.00
27	Recommended Fee - 50% Increase	\$1,178.00

Footnotes:

- [1] Existing investment amount shown based on Table 3-2.
[2] Future investment amount shown based on Table 3-4.
[3] Amount based on information provided by City Staff.
[4] Buildout population shown based on Table 2-1.
[5] Amounts shown based on average population and housing unit data as obtained from the American Community Survey for 2019-2015 from the US Census Bureau.

Table 3-6
City of Ormond Beach
Municipal Impact Fee and Utility Connection Fee Study

Parks & Recreation Impact Fee Comparison [*]

Line No.	Municipality	Parks & Recreation
1	Ormond Beach - Existing	\$1,312.24
2	Ormond Beach - Proposed	\$1,968.00
3	New Smyrna Beach	\$1,350.00
4	Daytona Beach	\$1,747.00
5	DeLand	\$1,409.77
6	Deltona	\$1,539.90
7	Edgewater	\$705.54
8	Melbourne	\$540.00
9	Orange City	\$486.47
10	Palm Coast	\$849.24
11	Port Orange	N/A
12	Titusville	N/A
13	Volusia County	\$245.46
14	Average Fee	\$985.93

[*] As of October 2021

SECTION 4 – STORMWATER IMPACT FEE ANALYSIS

Background

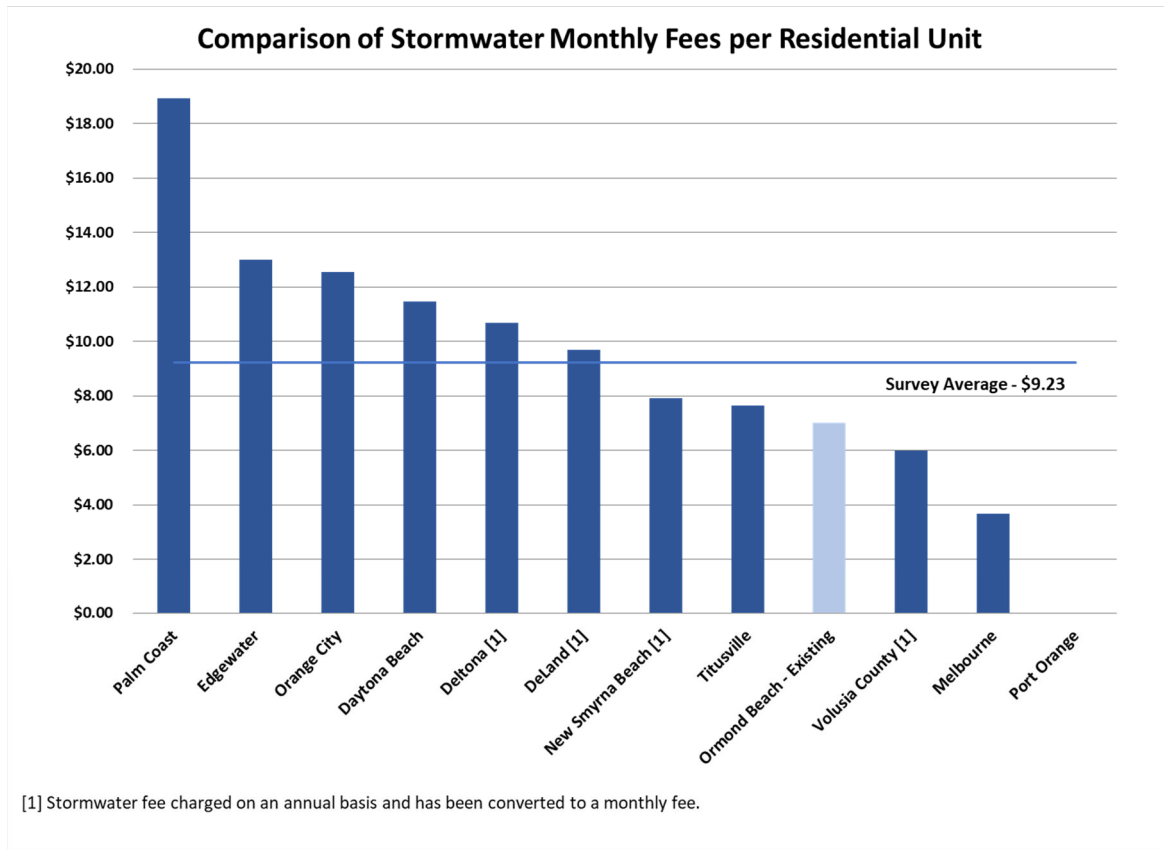
The City maintains over 96 miles of drainage systems to mitigate flooding associated with stormwater runoff and has a street sweeping program to aid in drainage and reduce runoff contamination. The stormwater program is primary funded from user fees within a special revenue fund. The City also has a stormwater drainage impact fee fund for expansion of existing stormwater management facilities and construction of new stormwater management facilities. This section outlines our recommendation for the City to consider discontinuing the stormwater impact fee and focus on long term funding solutions through the existing monthly stormwater fee structure.

Stormwater Funding

The primary funding source used by Florida municipalities to address stormwater pollution and flooding is recurring stormwater utility fees with some communities using special assessments. The City has an established monthly stormwater fee of \$7.00 per month per 3,000 feet of impervious area which generated annual stormwater fee revenue of \$2,539,582 during FY 2020. This revenue is recurring and very stable since it is not dependent on the amount of development each year. The City also has a stormwater impact fee of \$119.39 per single-family unit, during FY 2020 this impact fee generated \$25,349. Impact fee revenues fluctuate from year to year and are subject to cumbersome administrative and legal requirements. It is generally difficult to identify growth related stormwater project costs since many projects are built to address existing needs and projected demands related to impacts from new development. The engineering analysis and other data needed to fulfill the current requirements of the Florida Impact Fee Act for stormwater impact fees may be complex and costly. We are also unaware of any other municipalities with stormwater impact fees in Florida. Most municipalities address their stormwater funding through a combination of recurring stormwater fees, grant funding, general tax revenue, and land development regulations.

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A number of municipalities in Florida collect recurring stormwater fees. The following is a comparison of stormwater fees in nearby jurisdictions:



There is no comparison for stormwater impact fees included herein since we are unaware of any in the southeast United States.

Recommendation

Given the difficulties identified above with stormwater impact fees in Florida and as the City has an existing and reliable primary revenue source in its stormwater fee, we recommend the City consider discontinuing imposition of stormwater impact fees. Existing stormwater impact fee funds should be expended in accordance with the Code requirements. The City can focus on optimizing its existing stormwater fee structure to fund the stormwater program activities and infrastructure.

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Section 4
City of Ormond Beach
Stormwater Impact Fee Analysis

List of Tables

<u>Table</u>	<u>Description</u>
4-1	Stormwater Fee Comparison

Table 4-1
City of Ormond Beach
Municipal Impact Fee Study

Stormwater Fee Comparison [*]

Line No.	Municipality	Monthly Rate per ERU
1	Ormond Beach - Existing	\$7.00
2	New Smyrna Beach [1]	\$7.92
3	Daytona Beach	\$11.46
4	DeLand [1]	\$9.68
5	Deltona [1]	\$10.67
6	Edgewater	\$13.00
7	Melbourne	\$3.67
8	Orange City	\$12.55
9	Palm Coast	\$18.91
10	Titusville	\$7.64
11	Volusia County [1]	\$6.00
12	Average Fee	\$10.15

[*] As of October 2021

SECTION 5 – TRANSPORTATION IMPACT FEE ANALYSIS

The City of Ormond Beach has two transportation impact fees – a local roads impact fee and a mobility fee. The Transportation Impact Fee is the fee that is applied to development and is used to increase the capacity of transportation infrastructure to support additional traffic that comes with new development. The Mobility Fee is used for specific corridors in the City which are considered capacity constrained, and thus the fee is used to increase the efficiency of the roadways and increase capacity for other modes (transit, pedestrian, bicycles) that would reduce the vehicular demand of the roadway.

Transportation fees can be calculated based off a finite set of developments / projects or based on the cost of each new trip on the roadway network. This impact fee update uses the second methodology and is thus not reliant on a specific development program or set of roadway projects.

Local Roads Impact Fee

REGIONAL MODEL UPDATES

The Central Florida Regional Planning Model (CFRPM), version 7.0, was used within this analysis. The currently approved CFRPM model was validated to account for current conditions within the City. Additionally, the developments listed in the City of Ormond Beach Commercial Development Report were reviewed, and those which added any residential development or at least 100,000 square feet of non-residential development were added to the appropriate transportation analysis zones (TAZs) in the model if they were not already reflected. The developments added to the regional model are shown in **Table 1**.

Development Name	Residential Units (DU)	Non-Residential Area (SF)	TAZ
Perrott Depot	87	0	8431
Tymber Creek Apartments	300	0	8457
Ormond Central	0	286,000	8460
Shoppes at Granada Pointe	150	0	8461
Courtyards at Ormond	48	0	8483
Pineland – Phases IV & V	46	0	8486
The Cupola at Oceanside	12	0	8487
Plantation Oaks – Major Amendment, 2B, 2C, 2D	1,158	0	8523

DEMAND VARIABLES

The impact of new development on the roadway network, or demand for facility capacity, is defined and measured in terms of the number of estimated vehicle-miles-traveled for each unit of new development. The demand is calculated based on the following demand variables:

- Trip Generation by Land Use;
- Percentage of New Trips; and
- Average Trip Length / Assessed Trip Length

Trip Generation

Trip generation rates for the proposed local road impact fees and mobility fees are based on the ITE Trip Generation Manual, 11th Edition. Each of the land uses in the current ordinances were compared to similar land uses in the ITE Trip Generation Manual to determine the appropriate daily trip generation rate. When multiple land use codes in the Trip Generation Manual apply to the impact-fee land use, an average of the associated land uses were applied. Changes to the existing land uses are described below:

- **Single-family Residential:** The 11th Edition has added a “single-family attached” land use, which removes duplex / townhome uses (shared walls, but not shared floor/ceilings) from the multi-family land use. The single-family residential land use thus covers both attached and detached single-family homes.
- **Warehouse / Mini-Warehouse:** The mini-warehouse land use was combined with the warehouse land use. In the 11th Edition, the mini-warehouse has a daily trip generation rate (1.71), which is within the range of warehouse land uses (1.40-2.12) used to determine the trip generation rate.
- **Nursing Home:** The nursing home land use was switched from a per-thousand-square-foot calculation to a per-bed calculation to match available independent variables from the 11th Edition.
- **Commercial:** The commercial land use impact fee had been broken into categories based on the size of the development. The break points were updated to match the 11th Edition (<40 KSF, 40-150 KSF, >150 KSF).
- **Fast Food:** The Fast Food land use was added to the list to include fast-food and coffee/donut shops, which have a significantly higher trip generation rate (450.49-533.57) than other restaurants (83.84-107.20).
- **CBD Sandwich Shop:** The CBD Sandwich Shop is a more specific land use than anything in the list, and thus was combined with restaurant.
- **Local Park:** The park land use was removed from the impact fee list, as municipal projects do not generally pay impact fees and trips are calculated by acre and not building square footages.
- **School / Church:** The school and church impact fees were broken into two separate categories. School impact fees will be calculated by number of students rather than building square footages.
- **Bank:** The 11th Edition does not include daily trip generation rates for the walk-in bank land use, and thus walk-in and drive-in bank were combined as a single land use.

A summary of the land uses and resulting trip generation rates is shown in Error! Reference source not found..

New Trip Percentage

Commercial and retail land uses generally attract a portion of their trips from vehicles already on the roadway network. Pass-by trips are defined as trips that already exist on the roadway network visit the land use as part of a larger trip, rather than the land use being the origin or destination. As pass-by trips are already on the roadway network, they are excluded from the calculation of impact fees. The new trip percentage is the percentage of those trips that are not impact fees. The ITE Trip Generation Handbook, 3rd Edition, was used to determine the pass-by rate, and by extension, the new trip percentage for each land use, as shown in Table 2.

Table 2. Daily Trip Generation Rates by Land Use

Land Use (in Ordinance)	Unit	Impact Fee Rate	ITE Code	ITE Land Use	ITE Rate
Single-family	DU	8.32	210	Single-family Detached	9.43
			215	Single-family Attached	7.20
Multi-family	DU	5.27	220	Multi-family Housing (Low-rise)	6.74
			221	Multi-family Housing (Mid-rise)	4.54
			222	Multi-family Housing (High-rise)	4.54
Mobile/Manufactured Home	DU	7.12	240	Mobile Home Park	7.12
Hotel/Motel	Rooms	3.42	310	Hotel	1.92
			311	All Suites Hotel	4.40
			312	Business Hotel	4.02
			320	Motel	3.35

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Table 2. Daily Trip Generation Rates by Land Use (cont'd.)

Land Use (in Ordinance)	Unit	Impact Fee Rate	ITE Code	ITE Land Use	ITE Rate
General/Government Office	KSF	16.44	710	General Office Building	10.84
			715	Single Tenant Office Building	13.07
			730	Government Office	22.59
			733	Government Office Complex	33.98
			750	Office Park	11.07
			760	R&D Center	11.08
			770	Business Park	12.44
Medical Office	KSF	33.03	720	Medical/Dental Office	36.00
			630	Clinic	38.16
			650	Free-Standing Emergency Room	24.94
Hospital	KSF	10.72	610	Hospital	10.72
Nursing Home	Beds	2.59	620	Nursing Home	3.06
			253	Congregate Care Facility	2.21
			254	Assisted Living	2.60
			255	Continuing Care Retirement Community	2.47
Industrial	KSF	4.33	110	Light Industrial	4.87

			130	Industrial Park	3.37
			140	Manufacturing	4.75
Warehouse	KSF	1.70	150	Warehouse	1.71
			151	Mini-Warehouse	1.45
			154	High-Cube Transload and Short-Term Storage Warehouse	1.40
			155	High-Cube Fulfillment Center	1.81
			157	High-Cube Cold Storage Warehouse	2.12
			821	Shopping Center (40-150k) w/o supermarket	67.52
General Commercial (<40,000)	KSF	54.45	822	Strip Retail Plaza (<40K)	54.45
General Commercial (40,000-150,000)	KSF	81.01	821	Shopping Center (40-150k) w/ supermarket	94.49
General Commercial (<150,000)	KSF	37.01	820	Shopping Center	37.01
Fast-Food	KSF	483.85	933	Fast-Food w/o Drive-Thru	450.49
			934	Fast-Food w/ Drive-Thru	467.48
			937	Coffee/Donut w/ Drive-Thru	533.57
Restaurant	KSF	96.06	930	Fast Casual Restaurant	97.14
			931	Fine Dining Restaurant	83.84
			932	High Turn-Over (Sit-Down) Restaurant	107.20
General Recreation	KSF	28.82	495	Recreation Center	28.82

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Table 2. Daily Trip Generation Rates by Land Use (cont'd.)

Land Use (in Ordinance)	Unit	Impact Fee Rate	ITE Code	ITE Land Use	ITE Rate
Schools	Students	2.18	520	Elementary School	2.27
			522	Middle School	2.10
			525	High School	1.94
			530	Private School (K-8)	4.11
			532	Private School (K-12)	2.48
			534	Private High School	2.17
			537	Charter Elementary School	1.85
			540	Junior/Community College	1.15
			550	University/College	1.56
Church	KSF	7.60	560	Church	7.60
Day Care	KSF	47.62	565	Daycare	47.62
Convenience Store	KSF	762.28	851	Convenience Market	762.28
Bank	KSF	100.35	912	Drive-In Bank	100.35

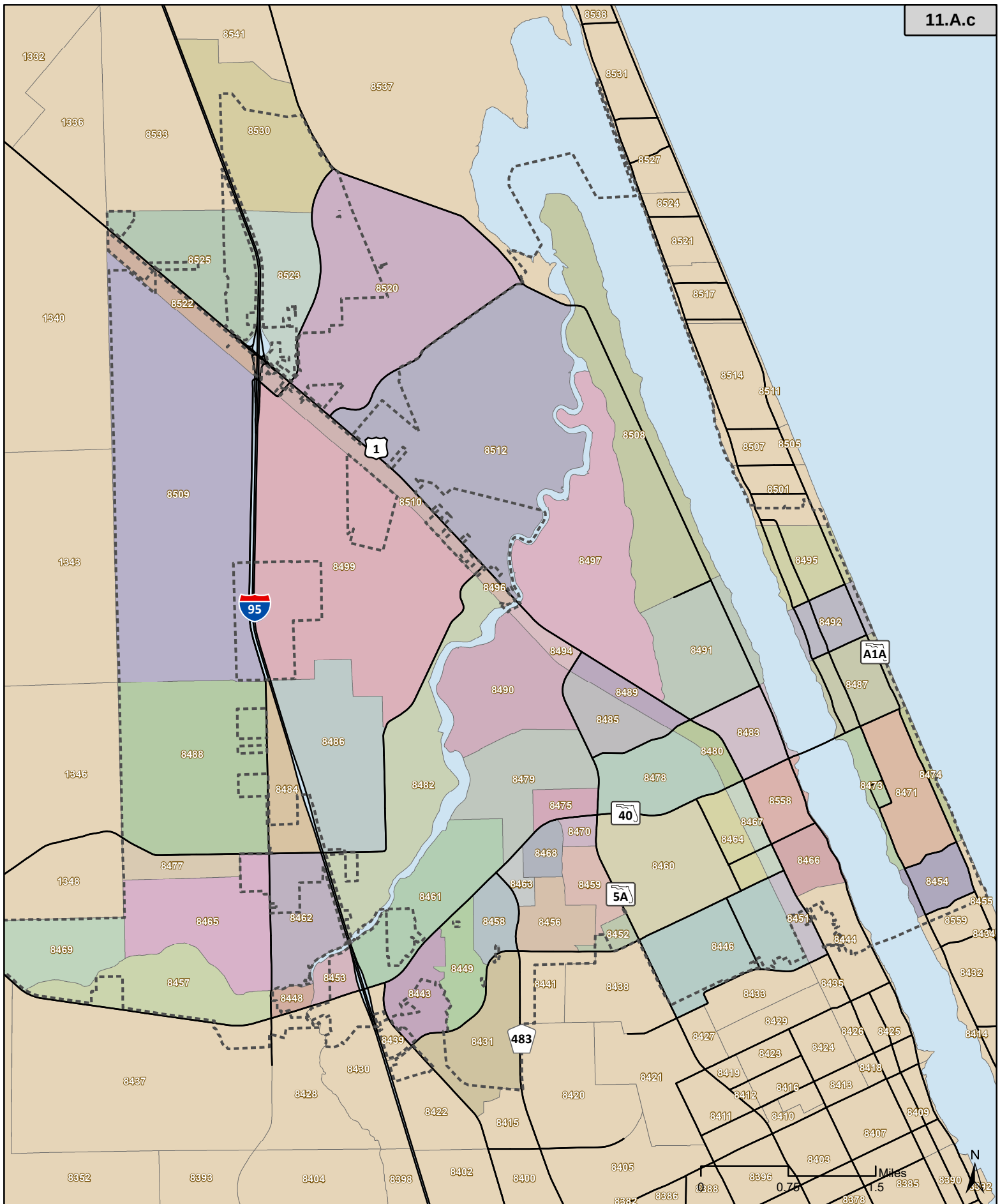
Table 3. New Trip Percentages

Land Use (in Ordinance)	Pass-by Rate	New Trip Factor
General Commercial	0.34	0.66
Fast-Food	0.50	0.50
Restaurant	0.44	0.56
Convenience Store	0.66	0.34
Bank	0.35	0.65

Average Trip Length

The total average trip length for trips that start or end within the City of Ormond Beach was calculated using the 2045 CFRPM 7.0 regional model. The traffic analysis zones (TAZs) within the City were identified and used to conduct a select zone analysis, which extracts information on just the trips from those zones. The TAZs used to define the City of Ormond Beach are shown in **Figure 1**. Using the select zone analysis, there were a total of 312,315 trips that start or end (or both) within the City of Ormond Beach, with a total Vehicle Miles Traveled (VMT) of 3,070,798. The VMT was divided by the number of trips to calculate the average trip length as 9.83 miles.

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Legend

City of Ormond Beach

TAZ within the City of Ormond Beach

TAZ outside the City of Ormond Beach

Assessed Trip Length

The City of Ormond Beach impact fees are calculated to address needed capacity improvements on City roadways, which are the City's responsibility. State and federal funds are available to pay for improvements on the interstate highways and Volusia County collects impact fees within the City of Ormond Beach that can be used to fund projects on County roadways within the City as well. Using the select zone analysis, the percentage of the VMT that occurs within the City of Ormond Beach on City roadways is 5.9%. The rest of the VMT occurs on County/State/Federal roadways which are not the responsibility of the City of Ormond Beach but are within the City limits (31.7%) or on any roadway outside the City limits (62.4% of the VMT). Excluding all county/state roadways and roadways outside of the City limits removes the need to calculate a separate reduction for the TCEA roadways (that are not included in the impact fee) or for the interstate facilities. Thus, the assessed trip length used in the proposed impact fees for the City of Ormond Beach is 5.9% of the 9.83 mile average trip length, or 0.58 miles.

Vehicle Occupancy

The average vehicle occupancy was determined using the Bureau of Transportation Statistics *Local Area Transportation Characteristics for Households (LATCH) Data*, which was based on data from the Federal Highway Administration 2017 National Household Travel Survey. The LATCH data provides estimated person trips and vehicular trips for each census tract. The average vehicular occupancy was determined by dividing the person trips by the vehicle trips, and results in an average of 1.49 persons per vehicle, as shown in **Error! Reference source not found.**

Census Tract	Person Trips	Vehicle Trips	Avg. Vehicle Occupancy
804	7.57	5.14	1.47
805	6.79	4.62	1.47
806	6.4	4.35	1.47
807	7.31	5.15	1.42
808.03	7.52	5.13	1.47
808.04	6.06	3.98	1.52
808.05	7.09	4.53	1.57
808.06	7.44	4.91	1.52
808.07	6.79	4.55	1.49
832.03	8.07	5.24	1.54
Total	71.04	47.6	1.49

COST VARIABLES

The City does not have any appropriate recent roadway project cost data; therefore recent comparable roadway projects in Volusia County constructed or programmed for construction in the next five (5) years by the County and the State were reviewed to develop a cost per lane-mile of capacity compared to the capacity of a lane-mile to determine the cost per vehicle-mile of travel. As the Ormond Beach impact fees can only be applied to capacity projects on local roadways, the projects analyzed were limited to roadways with no more than four (4) lanes.

Roadway Costs

Roadway costs were estimated from new roadway and roadway widening projects in the River to Sea Transportation Planning Organization Transportation Improvement Program and the Volusia County Capital Improvement Plan, which provided design, right-of-way, and construction costs for projects with funds committed between FY 2021/22 – FY 2025/26. There is one project in the Ormond Beach CIP that involves construction of a new roadway, the Doug Thomas Way Extension. However, the Doug Thomas Way Extension was not included in the calculation of roadway costs, as it is a driveway through the Ormond Beach Sports Complex. As shown in 4, the average construction cost per lane mile is \$4,073,885.

Project	Description	Length	Total Project Cost	Cost per Lane Mile	Source
SR 40 – SR 15/US 17 to SR 11	2-4 Lane	6.376	\$59,007,114	\$4,627,283	River to Sea TIP
SR 40 – SR 11 to Cone Rd	2-4 Lane	7.64	\$65,965,724	\$4,317,129	River to Sea TIP
Beresford Ave – Blue Lake Ave to MLK Jr. Beltway	New 2 Lane	0.88	\$3,709,304	\$2,116,396	Volusia CIP
Blue Lake Extension – Blue Lake to SR 472	New 2 Lane	0.33	\$3,395,594	\$5,119,571	Volusia CIP
Howland Boulevard – Providence to Elkcam	2-4 Lane	2.17	\$17,528,420	\$4,038,806	Volusia CIP
Orange Camp Road – MLK Blvd to I-4	2-4 Lane	1.51	\$12,760,375	\$4,224,124	Volusia CIP
Williamson Blvd – Strickland Range Rd to Hand Ave	2-4 Lane	1.12	\$8,198,000	\$3,659,821	Volusia CIP
Average Cost per Lane Mile				\$4,073,885	
<i>Capacity Project Not Included (6-Lane Roadways)</i>					
SR 600 (US 17) – I-4 EB to Tomoka Farms Rd	4-6 Lane	2.197	\$45,900,000	\$10,446,063	River to Sea TIP
SR 40 – Breakaway Tr to Williamson Blvd	4-6 Lane	2.46	\$33,900,000	\$6,890,244	River to Sea TIP

Average Capacity Improvement

The average capacity per lane mile for each project was calculated using roadway capacities from Table 1 in the Florida Department of Transportation Quality / Level-of-Service Handbook, as shown in 5.

Project	Description	Length	Existing Capacity	Proposed Capacity	New Capacity Lane Miles
SR 40 - SR 15/US 17 to SR 11	2-4 Lane	6.38	17,700	39,800	140,910
SR 40 - SR 11 to Cone Rd	2-4 Lane	7.64	17,700	39,800	168,844
Beresford Ave - Blue Lake Ave to MLK Jr. Beltway	New 2 Lane	0.88	0	15,600	13,671
Blue Lake Extension - Blue Lake to SR 472	New 2 Lane	0.33	0	15,600	5,173
Howland Boulevard - Providence to Elkcam	2-4 Lane	2.17	15,600	33,800	39,494
Orange Camp Road - MLK Blvd to I-4	2-4 Lane	1.51	17,700	39,800	33,380
Williamson Blvd – Strickland Range Rd to Hand Ave	2-4 Lane	1.12	17,700	39,800	24,752
Total		20.02			426,224

Dividing the new capacity lane miles by twice the length of the improvements (to account for one lane in both directions), the average capacity per lane mile of construction is 10,643.

Non-motorized Costs

Bicycle and pedestrian trips make up a small portion of the total person-miles traveled within the City of Ormond Beach due to the relatively short nature of non-motorized trips. The infrastructure for bicycle and pedestrian trips is generally attached to the roadway in the form of bicycle lanes, sidewalks, or multi-use pathways that follow the road. A 12' multi-use path was included in the cost per mile for the two roadway projects on SR 40 and a sidewalk was included in the cost per mile for the Orange Camp Road widening project. As the costs for non-motorized improvements are included in the roadway costs when applicable, no additional non-motorized costs were added into the analysis.

Transit Costs

Votran is responsible for the expansion or operation of transit services within the City of Ormond Beach. As no dedicated bus facilities exist or are proposed within the City of Ormond Beach, transit services operate within the existing roadway right-of-way, and thus cost of infrastructure to support transit within the City is included within the costs to build and/or widen a road.

CREDITS

An analysis was completed to determine the current transportation funding sources for the City of Ormond Beach based on the FY 2020 – 2021 City of Ormond Beach Capital Improvement Plan. The City of Ormond Beach spends an average of \$2,618,030 per year on roadway transportation improvements and/or maintenance and \$3,081,330 per year on multimodal transportation improvements. A breakdown of transportation funding sources is shown in 6.

Table 62. Transportation Revenue Sources	
Funding Source	Annual Contribution
<i>Roadway</i>	
Local Option Gas Tax	\$225,000
Property Taxes - Transportation	\$572,109
River to Sea TPO Grant Funding	\$1,441,161
Transportation Fund Balance	\$379,760
TOTAL	<u>\$2,618,030</u>
<i>Multimodal</i>	
Property Taxes - TIF	\$429,975
River to Sea TPO Grant Funding	\$33,325
TOTAL	<u>\$463,300</u>
GRAND TOTAL	<u>\$3,081,330</u>

The CIP currently has 12 transportation projects, as shown in 7. Only one of the projects includes increasing roadway capacity (Doug Thomas Way Extension), which includes paving the current dirt driveway and extending the paved driveway through the Ormond Beach Sports Complex. As the property tax revenues that will be generated by new development within the City of Ormond Beach are needed to fund safety and maintenance projects, no ad valorem tax credit will be included in the proposed local roadway impact fees.

Table 7. CIP Transportation Projects

Project Title	Project Type	Funding Source		
		Property Taxes	TPO Grant	Transportation Fund
Neighborhood Traffic Calming	Safety	X		X
Road Rehabilitation	Maintenance	X		X
Street Light Maintenance	Maintenance	X		
Traffic Signal Maintenance	Maintenance	X		
Sidewalk Repair & Replacement	Maintenance	X		
Doug Thomas Way Extension	New Road			X
Opticom Equipment	Maintenance	X		
Tomoka Elementary Connector Sidewalk	New Sidewalk	X	X	
Williamson/Hand Ave. Pedestrian Improv.	New Crosswalk		X	X
Pineland Trail Roadway Improvements	Reconstruct / Ped Improv.		X	X
Fluhart Drive Roundabouts	Safety		X	X
US 1 North Sidewalk	New Sidewalk		X	X

Gas Tax Credit

As additional funds are generated for transportation through the gas tax, the addition of new development is anticipated to increase the funding the City receives through the gas tax. As of June 2021, the cities within Volusia County agreed to a new formula for how much each city receives in gas tax revenue each year. Under the new formula, of the \$0.11 per gallon the County collects in local option fuel & gas taxes, Volusia County receives 57.2% of the revenue, while the cities divide the remaining 42.8% share by a ratio of municipal lane miles each city manages. The formula is being phased in during the first (5) years, as shown in **8**, at which point the formula will be recalculated based on the current number of municipal lane miles. The agreement is scheduled to be in effect until 2034. Based on the projected Ormond Beach Share in 2025/2026, it was assumed that Ormond Beach would receive \$0.0045 per gallon in fuel taxes.

Table 8. Ormond Beach Share of Volusia County Fuel/Gas Taxes

Year	Ormond Beach Percentage	Volusia County Fuel Taxes per Gallon	Ormond Beach Share
9/2021 – 8/2022	4.881%	\$0.11	\$0.0054
9/2022 – 8/2023	4.675%	\$0.11	\$0.0051
9/2023 – 8/2024	4.469%	\$0.11	\$0.0049
9/2024 – 8/2025	4.262%	\$0.11	\$0.0047
9/2025 – 8/2026	4.056%	\$0.11	\$0.0045

This credit is calculated assuming a 25-year facility life, 365 days a year operation, a 4.5% interest rate for municipal bonds (based on current Daytona Beach municipal bonds), and the average fuel efficiency of vehicles on the roadway system. The fuel efficiency of vehicles was set at 18.2 miles per gallon, based on the Federal Highway Administration Highway Statistics 2020, Table VM-1.

LOCAL ROAD IMPACT FEE CALCULATION

The local road impact fee was calculated based on the following formulas:

$$\text{Total Impact Cost} = \frac{(\text{Daily Trips} * \text{Assessed Trip Length} * \% \text{ New Trips})}{2} * \frac{\text{Lane - Mile Cost}}{\text{Lane Mile Capacity}}$$

$$\text{Capital Improvement Credit} = \frac{\text{Daily Trips} * \text{Avg Trip Length} * \% \text{ New Trips}}{2} * 365 * \frac{\text{Gas Tax}}{\text{Fuel Efficiency}}$$

$$\text{Impact Fee} = \text{Total Impact Cost} - \text{Capital Improvement Credit}$$

The total impact cost uses the assessed trip length to limit the impact to just City-controlled facilities. However, the capital improvement credit uses the full trip length, as the gas tax collected by Volusia County is divided between the County and Cities, taking into account the proportion of trips within each City. The detailed calculations are shown in **Appendix A**. A summary of the existing local road impact fees and proposed local road impact fees by land use is shown in **Table 99**.

Land Use	Unit	Proposed Fee	Current Fee
Single-family	DU	\$864.59	\$162.61
Multi-family	DU	\$548.32	\$162.61
Mobile/Manufactured Home	DU	\$740.33	\$162.61
Hotel/Motel	Rooms	\$355.87	\$114.85
General/Government Office	KSF	\$1,709.28	\$230.83
Medical Office	KSF	\$3,434.79	\$1,014.31
Hospital	KSF	\$1,114.66	\$212.64
Nursing Home	Beds	\$268.79	n/a
Industrial	KSF	\$450.23	\$100.07
Warehouse	KSF	\$176.56	\$100.07
General Commercial (<40,000)	KSF	\$3,736.72	\$834.64
General Commercial (40,000-150,000)	KSF	\$5,559.09	\$802.81
General Commercial (<150,000)	KSF	\$2,539.87	\$602.67
Fast-Food	KSF	\$25,155.10	n/a
Restaurant	KSF	\$5,593.44	\$881.26
General Recreation	KSF	\$2,996.69	\$59.13
Schools	Students	\$226.79	n/a
Church	KSF	\$790.25	\$150.09
Day Care	KSF	\$4,951.51	\$329.27
Convenience Store	KSF	\$26,948.94	\$1,355.44
Bank	KSF	\$6,782.33	\$1,355.44

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MOBILITY FEE

In 2013, the City of Ormond Beach introduced a mobility fee for selected corridors. From the Ormond Beach Multi-Modal Strategy report, dated December 7, 2010:

It was clear that the City, County, and State could no longer afford to continue widening roads within Ormond Beach without substantial cost both in terms of right-of-way and business damages. As such, staff indicated that a more balanced approach to the future transportation needs of Ormond Beach was needed. Less emphasis on roadway capacity improvements and increased emphasis on making existing roads more efficient while improvements to transit and non-motorized roads as well better intermodal connections and network connectivity was needed.

Three roadways were selected as Transportation Concurrency Exception Areas (TCEAs) from Votran's Eastside spine network, and the roadways are considered constrained as it relates to capacity improvements. Thus, along S.R. 40 (A1A to Williamson), U.S. 1 (Wilmette Avenue to the southern city line), and A1A (S.R. 40 to the city line), proportionate share fair contributions are replaced with a mobility fee.

Per Ordinance No. 2013-02, the mobility fee for a project is determined by calculating the number of person trips generated by the development and multiplying the number of person trips by the mobility fee rate. By ordinance, person trips are calculated by multiplying the development intensity by the vehicular trip rate in the latest ITE Trip Generation Manual and the average vehicle occupancy. Starting with the 10th Edition ITE Trip Generation Manual, person trip rates for some land uses are available. It is recommended that the ordinance be updated to allow for use of the person trip rates as applicable and available and keep the current method of estimating person trips (using the average vehicle occupancy) for those land uses without a person-trip rate.

The mobility fee is calculated on a person-trip basis:

$$\frac{\text{Total Impact Cost}}{\text{Person} - \text{Trip}} = \frac{(\text{Assessed Trip Length})}{2 * \text{Vehicle Occupancy}} * \frac{\text{Lane} - \text{Mile Cost}}{\text{Lane Mile Capacity}}$$

$$\frac{\text{Total Impact Cost}}{\text{Person} - \text{Trip}} = \frac{0.58}{2 * 1.47} * \frac{\$4,073,885}{9,381} = \$85.67$$

Based on the current improvement costs and local roadway data, the mobility fee is \$85.67 per person-trip for a new development.

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Table 10. Local Road Impact Fee Calculations

Land Use (in Ordinance)	Unit	Trip Gen Rate	New Trip Factor	Average Trip Length	Non-State Hwy VMT	Assessed Trip Length	Cost per Lane Mile	Capacity per Lane Mile	Total Impact Cost	City Gas Tax Per Gallon	Fuel Efficiency	Annual Cap. Improv. Credit	Facility Life	Bond Interest Rate	Total Cap. Improv Credit	Proposed Local Road Impact Fee
Single-family	DU	8.32	100%	9.83	5.9%	0.58	\$4,073,885	9,381	\$922.97	\$0.0045	18.2	\$3.69	25	4.5%	\$54.69	\$864.59
Multi-family	DU	5.27	100%	9.83	5.9%	0.58	\$4,073,885	9,381	\$585.34	\$0.0045	18.2	\$2.34	25	4.5%	\$34.68	\$548.32
Mobile/Manufactured Home	DU	7.12	100%	9.83	5.9%	0.58	\$4,073,885	9,381	\$790.32	\$0.0045	18.2	\$3.16	25	4.5%	\$46.83	\$740.33
Hotel/Motel	Rooms	3.42	100%	9.83	5.9%	0.58	\$4,073,885	9,381	\$379.90	\$0.0045	18.2	\$1.52	25	4.5%	\$22.51	\$355.87
General/Government Office	KSF	16.44	100%	9.83	5.9%	0.58	\$4,073,885	9,381	\$1,824.69	\$0.0045	18.2	\$7.29	25	4.5%	\$108.12	\$1,709.28
Medical Office	KSF	33.03	100%	9.83	5.9%	0.58	\$4,073,885	9,381	\$3,666.72	\$0.0045	18.2	\$14.65	25	4.5%	\$217.27	\$3,434.79
Hospital	KSF	10.72	100%	9.83	5.9%	0.58	\$4,073,885	9,381	\$1,189.92	\$0.0045	18.2	\$4.76	25	4.5%	\$70.51	\$1,114.66
Nursing Home	Beds	2.59	100%	9.83	5.9%	0.58	\$4,073,885	9,381	\$286.94	\$0.0045	18.2	\$1.15	25	4.5%	\$17.00	\$268.79
Industrial	KSF	4.33	100%	9.83	5.9%	0.58	\$4,073,885	9,381	\$480.63	\$0.0045	18.2	\$1.92	25	4.5%	\$28.48	\$450.23
Warehouse	KSF	1.70	100%	9.83	5.9%	0.58	\$4,073,885	9,381	\$188.48	\$0.0045	18.2	\$0.75	25	4.5%	\$11.17	\$176.56
General Commercial (<40,000)	KSF	54.45	66%	9.83	5.9%	0.58	\$4,073,885	9,381	\$3,989.02	\$0.0045	18.2	\$15.94	25	4.5%	\$236.37	\$3,736.72
General Commercial (40,000-150,000)	KSF	81.01	66%	9.83	5.9%	0.58	\$4,073,885	9,381	\$5,934.45	\$0.0045	18.2	\$23.71	25	4.5%	\$351.64	\$5,559.09
General Commercial (<150,000)	KSF	37.01	66%	9.83	5.9%	0.58	\$4,073,885	9,381	\$2,711.36	\$0.0045	18.2	\$10.83	25	4.5%	\$160.66	\$2,539.87
Fast-Food	KSF	483.85	50%	9.83	5.9%	0.58	\$4,073,885	9,381	\$26,853.60	\$0.0045	18.2	\$107.31	25	4.5%	\$1,591.20	\$25,155.10
Restaurant	KSF	96.06	56%	9.83	5.9%	0.58	\$4,073,885	9,381	\$5,971.11	\$0.0045	18.2	\$23.86	25	4.5%	\$353.82	\$5,593.44
General Recreation	KSF	28.82	100%	9.83	5.9%	0.58	\$4,073,885	9,381	\$3,199.03	\$0.0045	18.2	\$12.78	25	4.5%	\$189.56	\$2,996.69
Schools	Students	2.18	100%	9.83	5.9%	0.58	\$4,073,885	9,381	\$242.10	\$0.0045	18.2	\$0.97	25	4.5%	\$14.35	\$226.79
Church	KSF	7.60	100%	9.83	5.9%	0.58	\$4,073,885	9,381	\$843.60	\$0.0045	18.2	\$3.37	25	4.5%	\$49.99	\$790.25
Day Care	KSF	47.62	100%	9.83	5.9%	0.58	\$4,073,885	9,381	\$5,285.84	\$0.0045	18.2	\$21.12	25	4.5%	\$313.21	\$4,951.51
Convenience Store	KSF	762.28	34%	9.83	5.9%	0.58	\$4,073,885	9,381	\$28,768.57	\$0.0045	18.2	\$114.96	25	4.5%	\$1,704.67	\$26,948.94
Bank	KSF	100.35	65%	9.83	5.9%	0.58	\$4,073,885	9,381	\$7,240.28	\$0.0045	18.2	\$28.93	25	4.5%	\$429.02	\$6,782.33

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TAZ	TAZ Area			2015						2045						TCEA Growth (2022-2045)					
	TCEA Area	Total Area	% in TCEA	SF	MF	Hotel	Industrial	Commercial	Service	SF	MF	Hotel	Industrial	Commercial	Service	SF	MF	Hotel	Industrial	Commercial	Service
8439	17.26522	62.3922	28%	0	332	83	40	28	402	2	332	108	40	32	435	0	0	5	0	1	7
8443	111.9818	222.022	50%	0	0	0	2	375	504	0	0	0	2	375	504	0	0	0	0	0	0
8444	51.15431	247.828	21%	441	19	0	27	296	224	446	23	0	27	297	226	1	1	0	0	0	0
8446	30.67205	561.733	5%	1,035	0	0	33	53	179	1,196	50	0	43	54	184	7	2	0	0	0	0
8449	58.12939	191.666	30%	124	5	0	0	0	95	228	17	0	0	54	126	24	3	0	0	13	7
8451	63.45087	86.1548	74%	63	7	16	118	42	173	63	7	16	123	42	173	0	0	0	3	0	0
8454	71.31024	156.98	45%	282	314	0	16	11	346	284	314	0	16	16	372	1	0	0	0	2	9
8455	37.28137	39.175	95%	0	158	669	0	4	593	2	158	862	0	6	601	1	0	141	0	1	6
8458	62.68815	146.828	43%	136	68	0	5	79	528	138	68	0	5	105	660	1	0	0	0	9	43
8461	263.0299	528.712	50%	686	309	0	19	271	646	750	478	0	19	288	734	24	64	0	0	6	34
8463	35.97567	53.9629	67%	13	189	0	4	0	6	15	189	0	4	0	6	1	0	0	0	0	0
8464	78.63425	142.124	55%	73	79	0	141	51	135	129	96	0	166	53	144	24	7	0	11	1	4
8466	80.67217	150.938	53%	291	87	0	11	70	311	309	93	0	11	83	376	7	2	0	0	5	27
8467	85.68821	85.6882	100%	75	8	14	47	112	171	84	12	18	51	122	223	7	3	3	3	8	40
8468	68.91692	89.8588	77%	187	0	0	0	5	581	189	0	0	0	5	581	1	0	0	0	0	0
8470	47.62216	48.2584	99%	60	0	0	18	35	190	69	4	0	18	38	235	7	3	0	0	2	34
8471	216.4187	339.392	64%	602	412	32	64	108	1,246	606	416	42	64	108	1,246	2	2	5	0	0	0
8473	27.89792	99.4947	28%	141	0	0	1	20	125	150	4	0	1	20	125	2	1	0	0	0	0
8474	51.55586	51.5559	100%	12	206	1,131	0	0	182	14	206	1457	0	0	182	2	0	250	0	0	0
8475	90.90826	95.3758	95%	177	145	0	16	263	290	179	145	0	16	296	290	1	0	0	0	24	0
8478	196.2414	358.41	55%	0	545	0	207	215	2,042	9	549	0	353	305	2492	4	2	0	61	38	189
8479	60.64948	462.474	13%	646	251	0	34	0	106	650	255	0	34	0	106	0	0	0	0	0	0
8480	76.25589	76.2589	100%	77	3	0	16	201	146	86	7	0	16	218	234	7	3	0	0	13	67
8483	150.2713	226.051	66%	439	43	0	96	105	476	459	97	0	96	116	534	10	28	0	0	6	30
8487	99.65286	273.149	36%	231	171	0	11	85	498	237	187	0	11	91	498	2	4	0	0	2	0
8489	18.83521	118.653	16%	0	0	0	94	0	0	2	0	0	103	51	256	0	0	0	1	6	31
8491	44.06024	514.659	9%	970	48	0	47	23	103	985	53	0	47	25	109	1	0	0	0	0	0
8558	129.8133	169.441	77%	253	75	0	30	107	703	271	81	0	30	107	711	11	4	0	0	0	5
8559	41.49737	112.865	37%	172	190	0	1	25	351	172	190	0	1	25	351	0	0	0	0	0	0
Total																<u>148</u>	<u>129</u>	<u>399</u>	<u>79</u>	<u>136</u>	<u>526</u>

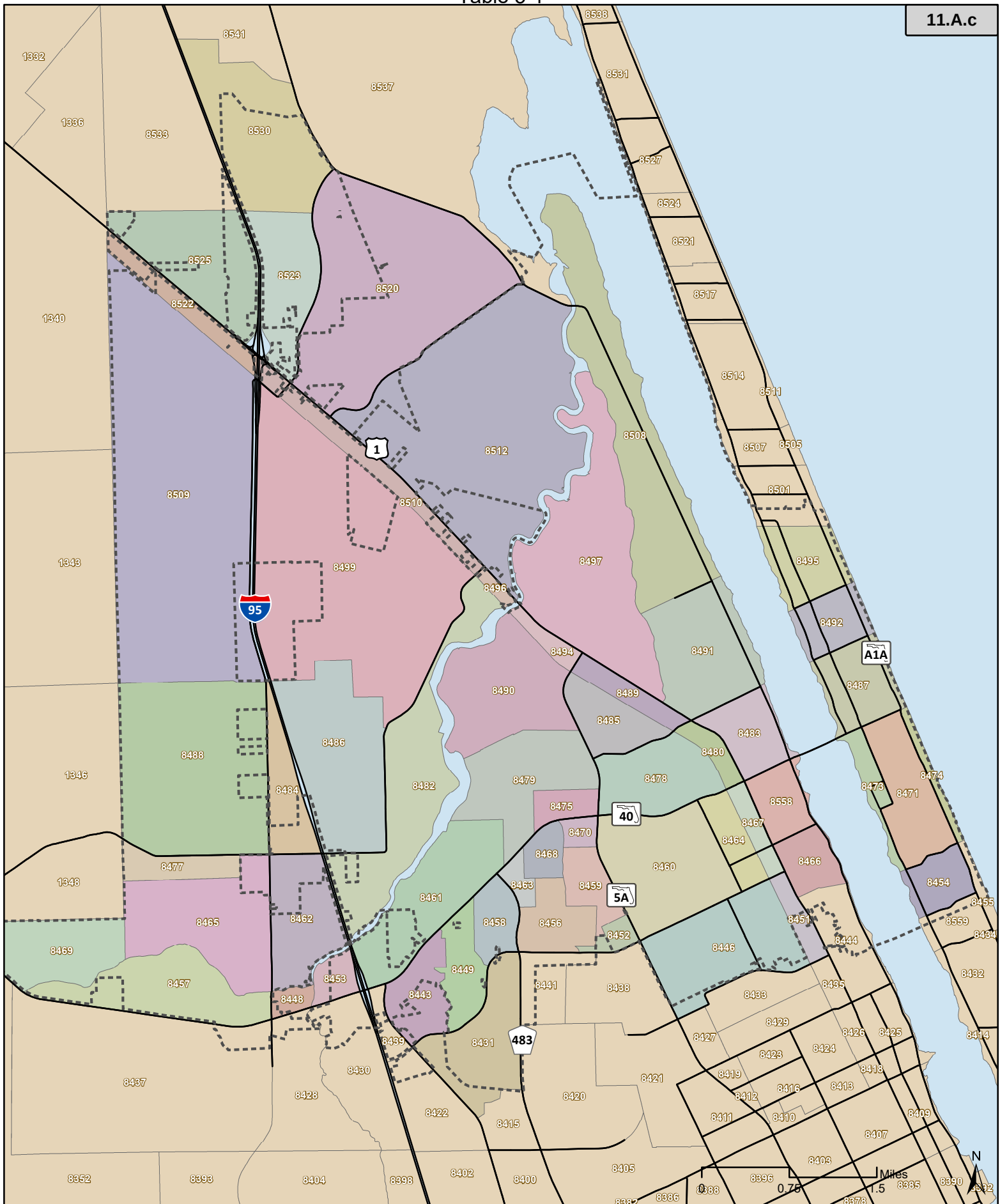
Section 5
City of Ormond Beach
Transportation Impact Fee Analysis

List of Tables

<u>Table</u>	<u>Description</u>
5-1	TAZs Within the City of Ormond Beach (Figure 1)

Table 5-1

11.A.c



Legend

-  City of Ormond Beach
  TAZ within the City of Ormond Beach
-  TAZ outside the City of Ormond Beach

Ormond Beach Impact Fee Analysis
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TAZs within the City of ~~Ormond Beach~~

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SECTION 6 – POLICE FACILITIES IMPACT FEE FEASIBILITY ANALYSIS

General

This section provides a discussion of our feasibility analysis with respect to the potential design and implementation of impact fees for police facilities and capital equipment. The feasibility evaluation summarized herein is based on i) a review of the availability of data required to calculate the fees; ii) the configuration of the department in terms of staffing and Level of Service (LOS) goals, existing and planned investment in assets to satisfy Florida legal requirements for impact fees criteria; iii) the potential estimated financial benefit to the City of adopting the fees; and iv) our recommendation as to whether or not the City should consider implementing this fee type.

Data Availability

As the first step in our feasibility analysis, we developed a comprehensive information request in support of an impact fee calculation analysis and provided it to the City in order to ascertain whether or not the City could provide the required supporting data that would be necessary to calculate proposed police impact fees. This detailed information request included, but was not limited to, detailed fixed asset records including all assets used and in service for the department, a detailed listing of all officers currently employed by the City including sworn, unsworn and support positions, the department's targeted Level of Service (LOS), planned capital expenditures, historical and planned capital grant funding, and historical response call data. After reviewing the detailed data provided by the City in response to these requests, we believe that the City does maintain and can provide the required supporting information required to develop the fees.

Department Configuration

LEVEL OF SERVICE AND DEPARTMENT STAFFING

In the evaluation of the capital facility needs for providing municipal services such as police protection, a level of service (LOS) standard should be developed. Level of service is an indication of the capacity per unit of demand for each public facility and capital equipment.

Based on information provided by the City's Police Department, there currently are 24.5 support positions and 73 sworn positions as shown on Table 6-1. These positions serve a total population of approximately 44,000 permanent residents as shown in Table 2-1. The current level of service provided by the department is 1.42 full-time sworn officers per 1,000 population served with a target LOS of 1.95 officers per 1,000 population served. However, based upon current staffing plans in the City's 2022 budget, there are plans to fund additional positions to reach a LOS of 1.75 officers per 1,000 population served. The City's currently level of service is comparable with police staffing guidelines as published by state and national law enforcement agencies as follows:

- The Federal Bureau of Investigation, U.S. Department of Justice, Uniform Crime Report that indicated an average achieved standard of 2.6 police officers and support personnel per 1,000 inhabitants for population areas in the southern United States.

- The Florida Department of Law Enforcement recognizes a state average of 2.36 officers per 1,000 population for police departments.

EXISTING INVESTMENT IN DEPARTMENT

As a part of our feasibility analysis, the original costs of the existing assets and any grant funding or contributions towards those assets were considered. This portion of the analysis was to ensure that there were significant capital assets that could be includable in a potential future fee calculation. The City's existing assets are categorized by major type and are summarized below.

Existing City Investment in Police Assets	
Description	Original Cost
Machinery and Equipment	\$241,609
Major Vehicles	2,735,613
Other Capital Equipment and Facilities	3,802,827
Subtotal	\$6,780,049
Grant Funded Assets	(\$696,370)
Net Recoverable Costs	<u>\$6,083,679</u>

[*] Amounts as shown on Table 6-2.

As shown above, of the \$6.8 million in police assets, approximately 10% has been funded from grants and other outside sources.

PLANNED FUTURE INVESTMENT IN DEPARTMENT

The following capital improvement requirements were provided by the City in support of the feasibility analysis. Along with the City's existing investment in police assets, these capital requirements are anticipated and designed to maintain the department's ability to provide service to the City's near term population level and fulfill the budgeted level of service standards. The City's capital requirements are categorized by type of expenditure and are summarized below.

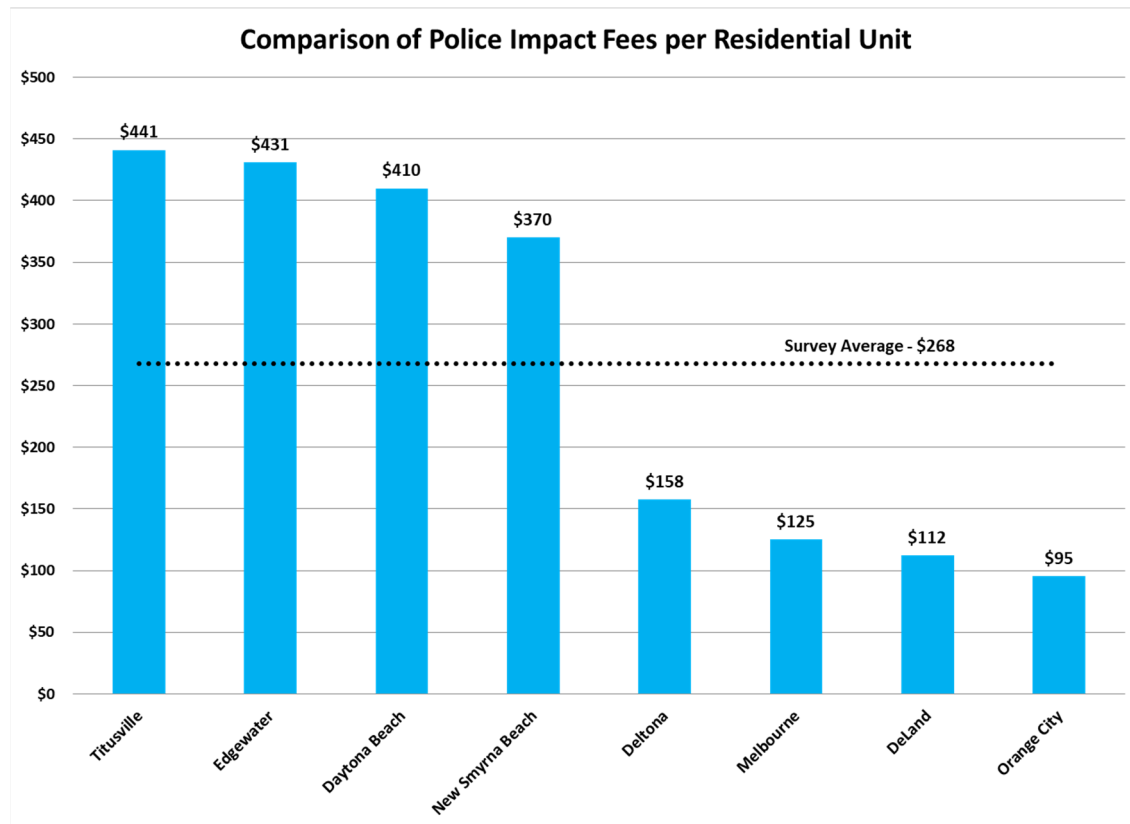
Projected Future City Investment in Police Assets (Capital Plan through 2025)	
Description	Amount
Machinery and Equipment	\$291,000
Major Vehicles	1,015,000
Other Capital Equipment and Facilities	718,000
Planned Future City Investments in Police Assets	<u>\$2,024,000</u>

[*] Amounts as shown on Table 6-3.

As can be seen above, the City anticipates spending \$2,024,000 in order to further develop and replace the police assets and facilities to provide the desired level of service to the City as it grows through 2025. To the extent these planned investments are replacement of existing facilities, vehicles, and equipment then these cannot be funded from impact fees.

Potential Financial Benefit

A survey of police impact fees for eleven (11) neighboring municipalities was prepared as a part of the feasibility analysis for the City. Below is a graph showing the results of the comparison for the eight (8) municipalities that were able to obtain police impact fee information on.



As can be seen in the above graph, the police impact fees for the surveyed municipalities averaged at approximately \$268 per residential unit with the highest being the City of Titusville at \$441 per residential unit and the lowest being the City of Orange City at \$95 per residential unit.

In order to project the potential residential impact fees that could be collectible we have assumed a proposed fee of \$250 (which would be slightly lower than the surveyed average of \$268 per residential unit) applied to the projected growth forecast of approximately 3,000 units through 2040 as shown in Table 2-1. Based on these assumptions the project potential residential impact fee revenues collected could be as high as about \$760,000 over that 19-year period of time. It should be noted that this estimate does not include the revenues potentially collectible from non-residential growth as said growth and the associated fees could vary greatly between non-residential property types and application methodologies. It should be noted that any actual fee calculated could differ materially from the assumed fee of \$250 per residential unit based on usage of the City's data as opposed to an approximation from a survey.

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Recommendation

It is our opinion that based on the City's ability to provide the necessary data required to support and calculate the fees, the configuration of the department (in terms of staffing, LOS, and significant existing and planned investment), and the potential benefit to the City as well as discussions our team has had with the City's Planning, Finance, and Police Departments that the City should consider developing and implementing police impact fees. It should be noted that further analysis and effort would be required to calculate the fees and ensure that such fees are cost justified based on recent and local data to ensure that the fees charged match the benefit provided to new development.

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Section 6
City of Ormond Beach
Police Services Impact Fee Feasibility Analysis

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6-1	Summary of Existing Personnel
6-2	Police Department Fixed Assets
6-3	Police Multi-Year Capital Improvement Plan

Table 6-1
City of Ormond Beach
Police Services Impact Fee Feasibility Analysis

Summary of Existing Personnel

Line No.	Description	Budgeted Staff [1]
Sworn Personnel		
1	Police Chief	1.0
2	Police Lieutenant	2.0
3	Police Captain	2.0
4	Police Corporal	5.0
5	Police Sergeant	7.0
6	Police Officer	43.0
7	Total Sworn Personnel	60.0
8	Civilian and Administrative	22.0
9	Total Personnel	82.0

Footnotes:

[1] As provided by the City's Police Department.

Table 6-2
City of Ormond Beach
Police Services Impact Fee Feasibility Analysis

Police Department Fixed Assets

Line No.	ASSET	DESCRIPTION	STATUS	TYPE	CLASS CD	SUBCLASS	Subclass Description	Asset Category	LOCATION	LOCATION DESC	DATE ACQ	ACQ COST	CURR BOOK VAL	LTD ACCUM DEPR
1	10000003	Rst 93 Ford F700 K74 Dump Truck	A	G	30	303	HEAVY EQUIPMENT	Major Vehicles	2101	POLICE	10/30/92	29,937.00	0.00	29,937.00
2	10000018	Eqp Surveillance Equipment	A	G	30	308	TECHNOLOGY IMPROVEMENTS	Other Capital Equipment and Facilities	2101	POLICE	08/14/91	7,546.82	0.00	7,546.82
3	10002622	It-Imaging Document System/Records-Polic	A	G	30	308	TECHNOLOGY IMPROVEMENTS	Other Capital Equipment and Facilities	2101	POLICE	04/05/99	8,086.85	0.00	8,086.85
4	10002875	Cmplx-Police Station 160 W Granada Blvd	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	05/15/00	77,209.59	13,897.73	63,311.86
5	10002876	Bluelines	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	06/19/00	2,774.40	499.39	2,275.01
6	10002877	Stormwater Permit Application	A	G	20	202	POLICE	Other Capital Equipment and Facilities	2101	POLICE	04/05/00	350.00	63.00	287.00
7	10002878	Analysis & Design	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	02/25/00	795.00	143.10	651.90
8	10002879	Demo Detective Bldg.	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	06/10/00	11,316.00	2,036.88	9,279.12
9	10002880	Asbestos Survey	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	06/30/00	450.00	81.00	369.00
10	10002881	Bluelines	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	07/08/00	72.90	13.12	59.78
11	10002882	Copies & Bluelines	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	07/03/00	825.80	148.65	677.15
12	10002883	Bluelines	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	08/10/00	166.32	29.95	136.37
13	10002884	In Place Density Test	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	09/29/00	818.50	147.33	671.17
14	10002885	Relocate Communication Tower	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	09/30/00	1,498.00	269.64	1,228.36
15	10002886	Architect Fees	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	08/02/00	8,317.15	1,497.09	6,820.07
16	10002887	Geotechnical Evaluation	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	07/31/00	2,835.00	510.30	2,324.70
17	10002888	Analysis	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	09/08/00	14,633.92	2,634.10	11,999.82
18	10002889	Pmt For Const	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	08/02/00	22,095.00	3,977.10	18,117.90
19	10002890	Pmt 1	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	09/30/00	71,620.00	12,891.60	58,728.40
20	10002891	Cmplx Police Station Analysis & Design	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	08/13/01	58,845.15	12,945.93	45,899.22
21	10002892	Technology Services Conduit/Recepticle	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	03/07/01	3,212.50	706.75	2,505.75
22	10002893	Painting	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	08/15/01	10,649.01	2,342.78	8,306.23
23	10002894	Finishing Materials/Stucco Etc	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	08/07/01	45,089.98	9,919.79	35,170.19
24	10002895	Glass*Glazing Mirrors	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	08/20/01	66,127.00	14,547.94	51,579.06
25	10002896	Security Door Control	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	07/31/01	32,107.00	7,063.54	25,043.46
26	10002897	Plumbing Materials	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	07/05/01	3,546.77	780.29	2,766.48
27	10002898	Building Const. Payments #2-8.	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	12/30/00	1,523,266.40	335,118.60	1,188,147.80
28	10002899	Doors Frams & Hardware	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	02/24/01	31,305.00	6,887.10	24,417.90
29	10002900	Masonry Materials	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	11/03/00	69,773.61	15,350.20	54,423.41
30	10002901	Electrical Materials	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	04/27/01	80,929.26	17,804.44	63,124.82
31	10002902	Roofing Materials	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	03/16/01	23,188.46	5,101.46	18,087.00
32	10002903	Window Shading Devices	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	06/10/01	3,000.00	660.00	2,340.00
33	10002904	Hvac Equipment	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	01/02/01	52,540.00	11,558.80	40,981.20
34	10002905	Generator/Diesel	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	03/20/01	40,350.00	8,877.00	31,473.00
35	10002906	Roofing Materials	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	03/16/01	16,310.88	3,588.39	12,722.49
36	10002907	Joist & Deck Package	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	02/07/01	35,000.00	7,700.00	27,300.00
37	10002908	Fire Sprinkler Materials	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	05/09/01	4,854.15	1,067.91	3,786.24
38	10002909	Structural Steel	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	12/05/00	10,674.24	2,348.33	8,325.91
39	10002910	Rebar Materials	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	12/21/00	11,302.08	2,486.47	8,815.61
40	10002911	Density Test	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	08/17/01	7,672.25	1,687.90	5,984.36
41	10002912	Film Processing	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	06/22/01	36.54	8.04	28.50
42	10002913	Amendment Of Master Plan/Legal Services	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	11/06/00	1,509.60	332.12	1,177.48
43	10002914	Shooting Range	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	10/19/00	1,170.70	257.55	913.15
44	10002915	Door Supplies	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	08/23/01	464.00	102.08	361.92
45	10002916	Hvac Equipment	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	08/30/01	39,973.00	8,794.06	31,178.94
46	10002917	Contractors Payment	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	09/28/01	626,938.00	137,926.36	489,011.64
47	10002918	Contractors Payment	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	08/29/01	52,206.00	11,485.32	40,720.68
48	10002919	County Road Impact Fee	A	G	20	202	POLICE	Other Capital Equipment and Facilities	2101	POLICE	09/28/01	4,540.65	998.94	3,541.71
49	10002920	Paint	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	08/29/01	727.58	160.08	567.50
50	10002921	Prof Services	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	09/20/01	737.50	162.25	575.25
51	10002922	Architect Services	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	09/30/01	5,633.65	1,239.40	4,394.25
52	10002923	Window Shading Devices	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	08/28/01	10,900.00	2,398.00	8,502.00
53	10002924	Plaque	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	09/24/01	725.40	159.58	565.82
54	10002925	Doors,Frames & Hardware Mat.	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	09/29/01	15,600.00	3,432.00	12,168.00
55	10002926	Frames,Doors & Materials	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	09/29/01	7,002.00	1,540.44	5,461.56
56	10002927	Concrete Test/Asphalt Extration	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	10/01/01	220.00	57.20	162.80
57	10002928	Technology	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	10/31/01	25,660.00	6,671.60	18,988.40
58	10002929	Doors,Frames And Hardware	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	10/25/01	4,762.79	1,238.33	3,524.46
59	10002930	Engineering Services	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	11/07/01	341.68	88.83	252.85
60	10002931	Cisco Routers	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	11/28/01	10,353.51	2,691.91	7,661.60
61	10002932	73 Interior Signage, 6 Exterior Signage	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	10/03/01	1,998.00	519.48	1,478.52
62	10002933	Land 179 Tomoka Ave Bowles Property	A	G	70	701	LAND	Other Capital Equipment and Facilities	2101	POLICE	12/10/01	350.00	350.00	0.00
63	10002934	Plumbing Materials	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	12/07/01	10,187.81	2,648.84	7,538.97
64	10002935	Hall Const Payment	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	10/30/01	41,067.00	10,677.42	30,389.58
65	10002936	Hall Const Pmt	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	11/30/01	3,425.00	890.50	2,534.50
66	10002937	Title Search/Bowles (Police Sta Parking	A	G	70	701	LAND	Other Capital Equipment and Facilities	2101	POLICE	12/07/01	125.00	125.00	0.00
67	10002938	Land - 170 West Granada Blvd	A	G	70	701	LAND	Other Capital Equipment and Facilities	2101	POLICE	09/30/75	24,587.50	24,587.50	0.00
68	10002939	Police - Land - Was Old 194 W Granada Bl	A	G	70	701	LAND	Other Capital Equipment and Facilities	2101	POLICE	09/30/74	15,000.00	15,000.00	0.00
69	10002940	Cmplx Police Sta Furniture Additional Pu	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	09/30/02	50,222.57	13,057.88	37,164.69
70	10002941	Cmplx Police Sta - Addtl Hall Const Paym	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	09/30/02	66,325.48	17,244.62	49,080.86
71	10002942	Architectural Services	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	12/10/01	2,180.36	566.90	1,613.46
72	10002943	Pmt #4	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	12/30/01	2,146.00	557.96	1,588.04
73	10002944	Cmplx Police Sta Planter Boxes	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	11/14/02	2,153.00	645.90	1,507.10
74	10002945	Facility Analysis & Design	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	02/11/02	501.24	130.32	370.92
75	10002946	Pmt #13	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	05/31/02	75,279.00	19,572.54	55,706.46
76	10002947	Cmplx Pd Fac Analysis & Design Engineeri	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	09/30/99	27,795.44	3,891.35	23,904.09
77	10002948	Final Payment	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	09/30/02	20,049.80	5,212.95	14,836.85
78	10002949	Property Appraisal - Southern Appraisal	A	G	70	701	LAND	Other Capital Equipment and Facilities	2101	POLICE	02/11/99	850.00	850.00	0.00
79	10002950	Analysis - Facility Task	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	09/29/97	32,162.62	1,929.76	30,232.86
80	10002951	Analysis For New Station	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	09/30/91	6,872.50	0.00	6,872.50
81	10002952	Cmplx-Police Station Telephone System Up	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	09/22/03	480.00	144.00	336.00

Table 6-2
City of Ormond Beach
Police Services Impact Fee Feasibility Analysis

Police Department Fixed Assets

Line No.	ASSET	DESCRIPTION	STATUS	TYPE	CLASS CD	SUBCLASS	Subclass Description	Asset Category	LOCATION	LOCATION DESC	DATE ACQ	ACQ COST	CURR BOOK VAL	LTD ACCUM DEPR
82	10002953	Cmplx-Police Station-Telephone System Up	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	09/19/03	17,870.00	5,361.00	12,509.00
83	10002954	Cmplx Police Sta Decorative Plants	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	09/16/03	1,150.00	345.00	805.00
84	10002955	Cmplx Police Sta Planter Boxes	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	11/15/02	3,252.00	975.60	2,276.40
85	10002956	Pd Facility Study Engineering Services	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	05/19/98	8,599.78	859.98	7,739.80
86	10004540	Cmplx-Pal House/Waldo O Berry Heritage P	A	G	70	701	LAND	Other Capital Equipment and Facilities	2101	POLICE	10/01/00	1.00	1.00	0.00
87	10004541	Cmplx Pal House Lumber & 2 Park Benches	A	G	20	202	POLICE	Other Capital Equipment and Facilities	2101	POLICE	09/28/01	334.95	73.68	261.27
88	10004542	Cmplx Pal House Concrete	A	G	20	202	POLICE	Other Capital Equipment and Facilities	2101	POLICE	10/19/01	786.20	204.41	581.79
89	10004543	Cmplx Pal House Trash Receptacles	A	G	20	202	POLICE	Other Capital Equipment and Facilities	2101	POLICE	10/11/01	313.91	81.61	232.30
90	10004544	Cmplx Pal House Mulch	A	G	20	202	POLICE	Other Capital Equipment and Facilities	2101	POLICE	10/26/01	326.00	84.76	241.24
91	10004545	Cmplx Pal House Sod	A	G	20	202	POLICE	Other Capital Equipment and Facilities	2101	POLICE	10/26/01	150.00	39.00	111.00
92	10004546	Cmplx Pal House Plants	A	G	20	202	POLICE	Other Capital Equipment and Facilities	2101	POLICE	10/18/01	1,276.25	331.83	944.43
93	10004547	Cmplx Pal House Irrigation System	A	G	20	202	POLICE	Other Capital Equipment and Facilities	2101	POLICE	10/31/01	2,935.00	763.10	2,171.90
94	10004548	Cmplx Pal House Picnic Tables	A	G	20	202	POLICE	Other Capital Equipment and Facilities	2101	POLICE	11/05/01	300.00	78.00	222.00
95	10004549	Cmplx Pal House/Crelli-Scofield Prop Tri	A	G	70	701	LAND	Other Capital Equipment and Facilities	2101	POLICE	04/19/96	8,006.00	8,006.00	0.00
96	10004550	Cmplx Pal House 2.5 Ton Air Conditioner	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	06/10/96	700.00	14.00	686.00
97	10004551	Cmplx Pal House Consulting - Rip Ad	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	12/03/03	93.98	31.95	62.03
98	10004552	Cmplx Pal House Forfeiture Land Value (D	A	G	70	701	LAND	Other Capital Equipment and Facilities	2101	POLICE	04/19/96	3,750.00	3,750.00	0.00
99	10004553	Cmplx Pal House Forfeiture Bldg Value (D	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	04/19/96	14,476.00	289.52	14,186.48
100	10005774	Veh 03 Chevy Impala	A	G	40	401	CAR	Major Vehicles	2101	POLICE	03/13/03	17,111.00	0.00	17,111.00
101	10005860	Veh 05 Ford Ranger Truck	A	G	40	404	TRUCK	Major Vehicles	2101	POLICE	06/01/05	13,897.00	0.00	13,897.00
102	10007156	2006 Chevy Impala	A	G	40	401	CAR	Major Vehicles	2101	POLICE	03/24/06	14,197.01	0.00	14,197.01
103	10007193	Veh 07 Chevy Malibu	A	G	40	401	CAR	Major Vehicles	2101	POLICE	08/02/06	13,120.00	0.00	13,120.00
104	10007194	Veh Option #3K, Third Key	A	G	40	401	CAR	Major Vehicles	2101	POLICE	08/02/06	65.00	0.00	65.00
105	10007195	Veh Option: Remote Keyless Entry	A	G	40	401	CAR	Major Vehicles	2101	POLICE	08/02/06	296.00	0.00	296.00
106	10007196	Veh Option #Csp90 Corner Strobe Kits-Whe	A	G	40	401	CAR	Major Vehicles	2101	POLICE	08/02/06	430.00	0.00	430.00
107	10007197	Veh Option #Value-5/75 Manufacturers Ext	A	G	40	401	CAR	Major Vehicles	2101	POLICE	08/02/06	1,415.00	0.00	1,415.00
108	10007205	Eqp 9' Stop Stick Rack Kit, Black	A	G	30	307	POLICE TOOLS & EQUIPMENT	Machinery and Equipment	2101	POLICE	05/25/07	18,120.00	1,812.00	16,308.00
109	10007456	Eqp Bar Code System Evidence Room	A	G	30	309	NON-SPECIFIC TOOLS & EQUIP	Machinery and Equipment	2101	POLICE	07/06/01	14,985.00	0.00	14,985.00
110	10007461	It-Internal Affairs Management Software	A	G	30	308	TECHNOLOGY IMPROVEMENTS	Other Capital Equipment and Facilities	2101	POLICE	02/26/02	1,500.00	0.00	1,500.00
111	10007479	Rst 03 Command Ht101 Mobile Command Vehi	A	G	30	303	HEAVY EQUIPMENT	Major Vehicles	2101	POLICE	10/20/03	99,978.00	0.00	99,978.00
112	10007504	Veh 08 Ford Crown Victoria	A	G	40	401	CAR	Major Vehicles	2101	POLICE	11/02/07	21,255.00	0.00	21,255.00
113	10007506	Veh 08 Ford Crown Victoria	A	G	40	401	CAR	Major Vehicles	2101	POLICE	11/02/07	21,255.00	0.00	21,255.00
114	10007507	Veh 08 Chevy Colorado 4X4	A	G	40	404	TRUCK	Major Vehicles	2101	POLICE	04/02/08	13,203.00	0.00	13,203.00
115	10007508	Veh 08 Chevy Colorado 4X4	A	G	40	404	TRUCK	Major Vehicles	2101	POLICE	03/05/08	13,203.00	0.00	13,203.00
116	10007640	Eqp Citation Writer	A	G	30	308	TECHNOLOGY IMPROVEMENTS	Other Capital Equipment and Facilities	2101	POLICE	06/25/08	11,069.73	0.00	11,069.73
117	10007706	2009 Crown Vic	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/09	23,454.00	0.00	23,454.00
118	10007800	2010 Ford Crown Vic	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/10	24,879.00	0.00	24,879.00
119	10007801	2010 Ford Crown Vic	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/10	24,879.00	0.00	24,879.00
120	10007802	Crown Vic #085	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/10	23,733.00	0.00	23,733.00
121	10007804	Impala #85	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/10	19,286.00	0.00	19,286.00
122	10007908	Crown Interceptor	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/11	27,469.00	0.00	27,469.00
123	10007909	2011 Ford Crown Vic	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/11	27,469.00	0.00	27,469.00
124	10007910	2011 Ford Crown Vic	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/11	27,469.00	0.00	27,469.00
125	10007911	Crown Vic	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/11	24,799.00	0.00	24,799.00
126	10007912	Chevy Impala	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/11	19,419.00	0.00	19,419.00
127	10007913	2011 Ford Explorer	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/11	24,139.00	0.00	24,139.00
128	10007914	Equinox	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/11	21,387.00	0.00	21,387.00
129	10008009	2012 Chevy Caprice	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/12	30,893.00	0.00	30,893.00
130	10008010	2012 Chevy Caprice	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/12	30,893.00	0.00	30,893.00
131	10008011	2012 Chevy Caprice	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/12	30,893.00	0.00	30,893.00
132	10008012	2012 Chevy Caprice	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/12	30,893.00	0.00	30,893.00
133	10008013	2012 Chevy Caprice	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/12	30,893.00	0.00	30,893.00
134	10008014	2012 Chevy Caprice	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/12	30,893.00	0.00	30,893.00
135	10008015	2012 Chevy Caprice	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/12	31,367.00	0.00	31,367.00
136	10008016	2012 F150	A	G	40	404	TRUCK	Major Vehicles	2101	POLICE	09/30/12	19,527.55	0.00	19,527.55
137	10008017	2012 Chevy Malibu	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/12	19,186.00	0.00	19,186.00
138	10008018	2012 Chevy Impala	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/12	24,257.74	0.00	24,257.74
139	10008020	2012 Chevy Pu	A	G	40	404	TRUCK	Major Vehicles	2101	POLICE	09/30/12	18,133.00	0.00	18,133.00
140	10008021	2012 For Taurus	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/12	22,446.00	0.00	22,446.00
141	10008028	2012 Chevy Colorado	A	G	40	404	TRUCK	Major Vehicles	2101	POLICE	09/30/12	18,063.50	0.00	18,063.50
142	10008081	2012 Chevy Caprice Graphics	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/13	394.00	0.00	394.00
143	10008082	Chevy Caprice Graphics	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/13	394.00	0.00	394.00
144	10008083	2012 Chevy Caprice Graphics	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/13	394.00	0.00	394.00
145	10008084	2012 Chevy Caprice Graphics	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/13	394.00	0.00	394.00
146	10008085	2012 Chevy Caprice Graphics	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/13	394.00	0.00	394.00
147	10008086	2012 Chevy Caprice Graphics	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/13	394.00	0.00	394.00
148	10008087	2012 Chevy Caprice Graphics	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/13	394.00	0.00	394.00
149	10008088	Chevy Caprice Graphics	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/13	1,114.26	0.00	1,114.26
150	10008089	Chevy Caprice Graphics	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/13	1,114.26	0.00	1,114.26
151	10008090	Chevy Caprice Graphics	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/13	1,114.26	0.00	1,114.26
152	10008091	Chevy Caprice Graphics	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/13	1,114.27	0.00	1,114.27
153	10008092	Chevy Caprice Graphics	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/13	1,114.27	0.00	1,114.27
154	10008093	Chevy Caprice Graphics	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/13	1,114.27	0.00	1,114.27
155	10008094	Chevy Caprice Graphics	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/13	1,114.27	0.00	1,114.27
156	10008109	Ford F150	A	G	40	404	TRUCK	Major Vehicles	2101	POLICE	09/30/13	19,084.00	0.00	19,084.00
157	10008114	Ford Fusion	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/13	19,639.00	0.00	19,639.00
158	10008208	Police Fence	A	G	20	202	POLICE	Other Capital Equipment and Facilities	2101	POLICE	09/30/14	32,206.15	23,832.54	8,373.61
159	10008249	2013 Chevy Caprice	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/14	32,386.00	0.00	32,386.00
160	10008250	2013 Chevy Caprice	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/14	32,386.00	0.00	32,386.00
161	10008251	2013 Chevy Caprice	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/14	32,386.00	0.00	32,386.00
162	10008252	2013 Chevy Caprice	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/14	32,386.00	0.00	32,386.00

Table 6-2
City of Ormond Beach
Police Services Impact Fee Feasibility Analysis

Police Department Fixed Assets

Line No.	ASSET	DESCRIPTION	STATUS	TYPE	CLASS CD	SUBCLASS	Subclass Description	Asset Category	LOCATION	LOCATION DESC	DATE ACQ	ACQ COST	CURR BOOK VAL	LTD ACCUM DEPR
163	10008253	2013 Chevy Caprice	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/14	32,386.00	0.00	32,386.00
164	10008254	2013 Chevy Caprice	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/14	32,386.00	0.00	32,386.00
165	10008255	2013 Chevy Caprice	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/14	32,594.00	0.00	32,594.00
166	10008256	2014 Chevy Caprice	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/14	33,475.64	0.00	33,475.64
167	10008257	2014 Chevy Caprice	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/14	33,475.64	0.00	33,475.64
168	10008258	2014 Chevy Caprice	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/14	33,475.64	0.00	33,475.64
169	10008259	2014 Chevy Caprice	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/14	33,475.64	0.00	33,475.64
170	10008260	2014 Chevy Caprice	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/14	33,475.64	0.00	33,475.64
171	10008261	2014 Chevy Caprice	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/14	33,475.64	0.00	33,475.64
172	10008262	2014 Chevy Caprice	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/14	33,475.64	0.00	33,475.64
173	10008263	2014 Chevy Caprice	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/14	33,475.66	0.00	33,475.66
174	10008264	2013 Chevy Caprice	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/14	24,766.00	0.00	24,766.00
175	10008316	Police Fencing	A	G	20	202	POLICE	Other Capital Equipment and Facilities	2101	POLICE	09/30/15	16,896.65	13,179.38	3,717.28
176	10008329	2014 Chevy Caprice	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/15	33,215.01	0.01	33,215.01
177	10008330	2014 Chevy Caprice	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/15	33,215.01	0.01	33,215.01
178	10008331	2014 Chevy Caprice	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/15	33,215.01	0.01	33,215.01
179	10008332	2014 Chevy Caprice	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/15	33,215.01	0.01	33,215.01
180	10008333	2014 Chevy Caprice	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/15	33,215.05	0.01	33,215.05
181	10008334	2015 Chevy Impala	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/15	20,577.00	0.00	20,577.00
182	10008335	2015 Chevy Malibu	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/15	18,758.00	0.00	18,758.00
183	10008336	2015 Ford Taurus	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/15	22,542.00	0.00	22,542.00
184	10008337	2015 Ford Transit Connect	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/15	18,718.00	0.00	18,718.00
185	10008338	2015 Ford Transit Connect	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/15	21,668.00	0.00	21,668.00
186	10008510	2016 Ford Transit Cargo	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/16	30,731.00	3,073.10	27,657.90
187	10008513	2016 Chevy Cruze	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/16	17,455.00	1,745.50	15,709.50
188	10008515	2016 Ford F150	A	G	40	404	TRUCK	Major Vehicles	2101	POLICE	09/30/16	19,599.00	1,959.90	17,639.10
189	10008517	2016 Ford F150	A	G	40	404	TRUCK	Major Vehicles	2101	POLICE	09/30/16	19,599.00	1,959.90	17,639.10
190	10008518	2016 Ford F150	A	G	40	404	TRUCK	Major Vehicles	2101	POLICE	09/30/16	24,991.00	2,499.10	22,491.90
191	10008521	2014 Chevy Caprice	A	G	40	401	CAR	Major Vehicles	2101	POLICE	09/30/16	29,858.32	2,985.83	26,872.49
192	10008523	2017 Harley Davidson	A	G	40	402	MOTORCYCLE	Major Vehicles	2101	POLICE	09/30/16	33,920.90	3,392.09	30,528.81
193	10008524	2016 Smart Trailer	A	G	30	311	TRAILERS/CARTS	Machinery and Equipment	2101	POLICE	09/30/16	6,602.00	4,621.41	1,980.59
194	10008540	Hvac Drive Motor Pd	A	G	10	103	HVAC REPLACEMENT	Other Capital Equipment and Facilities	2101	POLICE	09/30/16	11,600.00	8,120.01	3,479.99
195	20000001	POLICE DEPARTMENT ROOF	A	G	10	104	ROOF REPLACEMENT	Other Capital Equipment and Facilities	2101	POLICE	09/30/17	24,271.54	19,282.40	4,989.14
196	20000003	2017 FORD TRANSIT	A	G	40	405	VAN	Major Vehicles	2101	POLICE	11/08/16	22,385.01	6,715.51	15,669.50
197	20000004	2015 CHEVY CAPRICE PATROL VEHICLE	A	G	40	401	CAR	Major Vehicles	2101	POLICE	03/09/17	24,998.00	7,499.40	17,498.60
198	20000034	2017 FORD F-150 TRUCK	A	G	40	404	TRUCK	Major Vehicles	2101	POLICE	09/19/17	20,769.00	6,230.70	14,538.30
199	20000035	#4 HARLEY DAVIDSON MOTORCYCLES	A	G	40	402	MOTORCYCLE	Major Vehicles	2101	POLICE	06/02/17	34,343.05	13,164.83	21,178.22
200	20000036	#4 HARLEY DAVIDSON MOTORCYCLES	A	G	40	402	MOTORCYCLE	Major Vehicles	2101	POLICE	06/02/17	33,007.45	12,652.85	20,354.60
201	20000037	#4 HARLEY DAVIDSON MOTORCYCLES	A	G	40	402	MOTORCYCLE	Major Vehicles	2101	POLICE	06/02/17	31,930.65	12,240.08	19,690.57
202	20000038	2017 CHEVROLET CAPRICE	A	G	40	401	CAR	Major Vehicles	2101	POLICE	08/09/17	37,860.92	14,513.35	23,347.57
203	20000039	2017 CHEVROLET CAPRICE	A	G	40	401	CAR	Major Vehicles	2101	POLICE	08/09/17	41,414.76	12,424.43	28,990.33
204	20000040	2017 Chevrolet Caprice Patrol Car	A	G	40	401	CAR	Major Vehicles	2101	POLICE	08/30/17	38,548.41	14,776.90	23,771.51
205	20000041	2017 FORD EXPLORER	A	G	40	404	TRUCK	Major Vehicles	2101	POLICE	09/19/17	41,252.70	12,375.81	28,876.89
206	20000042	2017 FORD F-150 TRUCK	A	G	40	404	TRUCK	Major Vehicles	2101	POLICE	08/28/17	20,769.00	6,230.70	14,538.30
207	20000050	POLICE SALLY PORT REPAIR	A	G	10	105	STRUCTURES	Other Capital Equipment and Facilities	2101	POLICE	06/20/18	55,215.00	49,693.50	5,521.50
208	20000051	LIGHTBARS/CHARGERS/PUDDLE LIGHTS/DODGECAR	A	G	40	401	CAR	Major Vehicles	2101	POLICE	08/08/17	19,138.25	5,741.48	13,396.77
209	20000111	2018 DODGE CHARGER	A	G	40	401	CAR	Major Vehicles	2101	POLICE	10/20/17	24,372.00	12,186.00	12,186.00
210	20000112	2018 dodge charger	A	G	40	401	CAR	Major Vehicles	2101	POLICE	10/20/17	25,892.00	12,946.00	12,946.00
211	20000113	2018 dodge charger	A	G	40	401	CAR	Major Vehicles	2101	POLICE	10/20/17	28,880.22	14,440.11	14,440.11
212	20000120	2018 DODGE CHARGER	A	G	40	401	CAR	Major Vehicles	2101	POLICE	04/26/18	24,148.00	12,074.00	12,074.00
213	20000144	PUMP REPLACEMENT HVAC PD TACO PUMPS	A	G	10	103	HVAC REPLACEMENT	Other Capital Equipment and Facilities	2101	POLICE	04/27/18	18,880.00	15,733.33	3,146.67
214	20000186	2018 HARLEY DAVIDSON	A	G	40	402	MOTORCYCLE	Major Vehicles	2101	POLICE	06/09/18	22,700.00	11,350.00	11,350.00
215	20000205	2019 DODGE CHARGER FLEET	A	G	40	401	CAR	Major Vehicles	2101	POLICE	03/18/19	51,833.20	36,283.24	15,549.96
216	20000206	2019 DODGE CHARGER FLEET	A	G	40	401	CAR	Major Vehicles	2101	POLICE	03/18/19	32,352.12	22,646.49	9,705.63
217	20000207	2019 DODGE CHARGER FLEET	A	G	40	401	CAR	Major Vehicles	2101	POLICE	03/26/19	32,060.00	22,442.00	9,618.00
218	20000208	2019 DODGE CHARGER FLEET	A	G	40	401	CAR	Major Vehicles	2101	POLICE	03/18/19	40,310.52	28,217.37	12,093.15
219	20000209	SOLAR POWERED PORTABLE MESSAGE SIGN	A	G	30	307	POLICE TOOLS & EQUIPMENT	Machinery and Equipment	2101	POLICE	11/08/18	13,078.57	11,770.72	1,307.85
220	20000251	2019 DODGE CHARGER*POLICE	A	G	40	401	CAR	Major Vehicles	2101	POLICE	12/27/18	24,924.00	17,446.80	7,477.20
221	20000272	Body Cameras & cloud based storage syste	A	G	30	307	POLICE TOOLS & EQUIPMENT	Machinery and Equipment	2101	POLICE	05/02/19	78,226.12	70,403.51	7,822.61
222	20000300	TRUCKS (INCLUDING, DIESEL, GASOLINE, ELE	A	G	40	404	TRUCK	Major Vehicles	2101	POLICE	01/02/20	5,300.00	4,770.00	530.00
223	20000314	POLICE CAMERA EQUIPMENT PD	A	G	30	307	POLICE TOOLS & EQUIPMENT	Machinery and Equipment	2101	POLICE	01/22/20	110,597.74	106,911.15	3,686.59
224	20000317	2019 DODGE CHARGER 2C3CDXAG7KG748480	A	G	40	401	CAR	Major Vehicles	2101	POLICE	12/31/19	24,924.00	22,431.60	2,492.40
225	20000318	2020 DODGE DURANGO SN 1C4RDJFG7LC369835	A	G	40	401	CAR	Major Vehicles	2101	POLICE	07/28/20	47,619.40	42,857.46	4,761.94
226	20000319	2020 DODGE DURANGO SN 1C4RDJFG6LC30878	A	G	40	401	CAR	Major Vehicles	2101	POLICE	07/28/20	28,181.00	25,362.90	2,818.10
227	20000320	2020 DODGE DURANGO SN 1C4RDJFG4LC308	A	G	40	401	CAR	Major Vehicles	2101	POLICE	07/28/20	28,181.00	25,362.90	2,818.10
228	20000321	2020 DODGE DURANGO	A	G	40	401	CAR	Major Vehicles	2101	POLICE	08/13/20	28,181.00	25,362.90	2,818.10
229	20000076	PD ACCESS CONTROL SYSTEM BID EVALUATION	C	G	90	901	CONSTRUCTION IN PROGRESS	Other Capital Equipment and Facilities	2101	POLICE	08/18/17	12,451.19	12,451.19	0.00

230	Grand Total											\$6,780,049.44	\$1,643,193.47	\$5,136,856.06
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Summary Roll Up	
Description	Original Cost
231 Machinery and Equipment	\$241,609.43
232 Major Vehicles	2,735,613
233 Other Capital Equipment and Facilities	3,802,827
234 Total	\$6,780,049.44

Table 6-3
City of Ormond Beach
Police Services Impact Fee Feasibility Analysis

Police Multi-Year Capital Improvement Plan

Line No.	Description	5-Year Total
1	Public Saftely Radio Replacement	\$166,000
2	Police Department Roof	300,000
3	Police Impound Lot	60,000
4	SANS Replacement	125,000
5	Police Station Chiller Replacement	90,000
6	Police Department Access Control	268,000
7	Vehicle Replacements	1,015,000
8	Total	<u>\$2,024,000</u>

SECTION 7 – FIRE PROTECTION FACILITIES IMPACT FEE FEASIBILITY ANALYSIS

General

This section provides a discussion of our feasibility analysis with respect to the potential design and implementation of impact fees for fire protection facilities and capital equipment. The feasibility evaluation summarized herein is based on i) a review of the availability of data required to calculate the fees; ii) the configuration of the department in terms of staffing and Level of Service (LOS) goals, existing and planned investment in assets to satisfy Florida legal requirements for impact fees criteria; iii) the potential estimated financial benefit to the City of adopting the fees; and iv) our recommendation as to whether or not the City should consider implementing this fee type.

Data Availability

As the first step in our feasibility analysis, we developed a comprehensive information request in support of an impact fee calculation analysis and provided it to the City in order to ascertain whether or not the City could provide the required supporting data that would be necessary to calculate proposed police impact fees. This detailed information request included, but was not limited to, detailed fixed asset records including all assets used and in service for the department, a detailed listing of all fire personnel currently employed by the City, the department's targeted Level of Service (LOS), planned capital expenditures, historical and planned capital grant funding, and historical response call data. After reviewing the detailed data provided by the City in response to these requests, we believe that the City does maintain and can provide the required supporting information required to develop the fees.

Department Configuration

LEVEL OF SERVICE AND DEPARTMENT STAFFING

In the evaluation of the capital facility needs for providing municipal services such as fire protection, a level of service (LOS) standard should be developed. Level of service is an indication of the capacity per unit of demand for each public facility and capital equipment.

There is currently no formally adopted level of service for the City's fire protection services; however, it is the City's intent to maintain staffing levels that provide services to all developed areas in order to be able to respond to service calls within a specified time period to maintain the City's Insurance Service Organization (ISO) property insurance rating of 3/3X in the community. As a practical matter, this response time standard (four minutes with a one-minute turnout or less) is based upon recognized industry standards not only having to do with property protection, but also in providing Emergency Medical Support services (EMS). In each case, it is necessary to reach property and residents of the City within the response time standard to maximize the effectiveness of fire suppression activities and/or emergency medical care. In discussions with City staff, it was determined that the existing staffing levels of the City are able to provide adequate fire rescue services for the existing and future daily average population of the City.

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Presently, the City has 48 full-time primary personnel budgeted for 2022 as shown on Table 7-1 and below.

Primary Personnel	Summary of Existing Personnel
Fire Chief	1.0
Deputy Fire Chief	1.0
Fire Battalion Commander	3.0
Captain	12.0
Driver Engineer	12.0
Firefighters	18.0
Office Manager (Support)	1.0
Total Current Full-Time Personnel	48.0

Based on the primary personnel listed above the level of service in terms of the number of direct fire personnel per 1,000 residents is about 1.07.

EXISTING INVESTMENT IN DEPARTMENT

As a part of our feasibility analysis, the original costs of the existing assets and any grant funding or contributions towards those assets were considered. This portion of the analysis was to ensure that there were significant capital assets that could be includable in a potential future fee calculation. The City's existing assets are categorized by major type and are summarized below.

Existing City Investment in Fire Assets	
Description	Original Cost
Machinery and Equipment	\$656,223
Major Vehicles	2,402,548
Other Capital Equipment and Facilities	5,076,563
Subtotal	\$8,213,671
Grant Funded Assets	(\$78,337)
Net Recoverable Costs	<u>\$8,135,334</u>

[*] Amounts as shown on Table 7-2.

As shown above, of the \$8.1 million in police assets, approximately 1% is has been funded from grants and other outside sources.

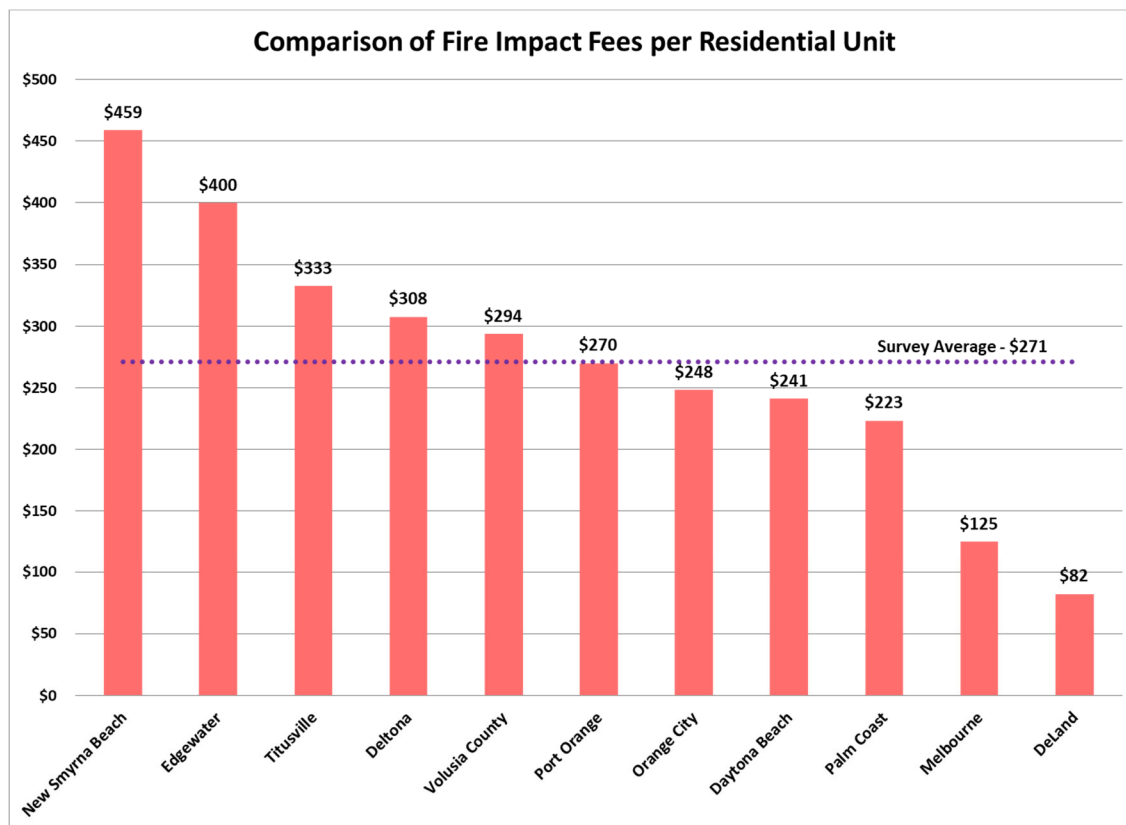
PLANNED FUTURE INVESTMENT IN DEPARTMENT

The following capital improvement requirements were provided by the City in support of the feasibility analysis. Along with the City's existing investment in fire assets, the City has certain planned capital expenditures which are anticipated and designed to maintain the department's ability to provide service to the City's near term population level and fulfill the budgeted level of service standards. The City anticipates spending over \$1.8 million related to vehicle and apparatus replacements in addition to other capital expenditures to further develop the fire assets and facilities to provide the desired level of service to the City as it grows through 2025. These other capital expenditures

are not fully known at this time and are dependent on how growth occurs in the City and will be developed in the future by the fire department as needed.

Potential Financial Benefit

A survey of fire impact fees for eleven (11) neighboring municipalities was prepared as a part of the feasibility analysis for the City. Below is a graph showing the results of the comparison for the eleven (11) municipalities that were able to obtain fire impact fee information on.



As can be seen in the above graph, the fire impact fees for the surveyed municipalities averaged at approximately \$271 per residential unit with the highest being the City of New Smyrna Beach at \$459 per residential unit and the lowest being the City of Deland at \$82 per residential unit.

In order to project the potential residential impact fees that could be collectible we have assumed a proposed fee of \$250 (which would be slightly lower than the surveyed average of \$271 per residential unit) applied to the projected growth forecast of approximately 3,000 units through 2040 as shown in Table 2-1. Based on these assumptions the project potential residential impact fee revenues collected could be as high as about \$760,000 over that 19-year period of time. It should be noted that this estimate does not include the revenues potentially collectible from non-residential growth as said growth and the associated fees could vary greatly between non-residential property types and application methodologies. It should be noted that any actual fee calculated could differ materially from the assumed fee of \$250 per residential unit based on usage of the City's data as opposed to an approximation from a survey.

Recommendation

It is our opinion that based on the City's ability to provide the necessary data required to support and calculate the fees, the configuration of the department (in terms of staffing, LOS, and significant existing and planned investment), and the potential benefit to the City as well as discussions our team has had with the City's Planning, Finance, and Fire Departments that the City should consider developing and implementing fire impact fees. It should be noted that further analysis and effort would be required to calculate the fees and ensure that such fees are cost justified based on recent and local data to ensure that the fees charged match the benefit provided to new development.

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Section 7
City of Ormond Beach
Fire Services Impact Fee Feasibility Analysis

List of Tables

<u>Table</u>	<u>Description</u>
7-1	Summary of Existing Personnel
7-2	Fire Department Fixed Assets

Table 7-1
City of Ormond Beach
Fire Services Impact Fee Feasibility Analysis

Summary of Existing Personnel

Line No.	Description	Current Staff [1]
Primary Personnel		
1	Fire Chief	1.0
2	Deputy Fire Chief	1.0
3	Fire Battalion Commander	3.0
4	Captain	12.0
5	Driver Engineer	12.0
6	Firefighters	18.0
7	Total Primary Personnel	47.0
8	Office Manager (Support)	1.0
9	Total Personnel	48.0

Footnotes:

[1] As provided by the City's Fire Department.

Table 7-2
City of Ormond Beach
Fire Services Impact Fee Feasibility Analysis

Fire Department Fixed Assets

Line No.	ASSET	DESCRIPTION	STATUS	LOCATION DESC	DATE ACQ	ACQ COST	CURR BOOK VAL	LTD ACCUM DEPR	Asset Category
1	10000005	Fire Station 94 2301 Airport Road	A	FIRE DEPARTMENT	03/07/89	5,350.00	5,350.00	0.00	Facility
2	10000006	Fire Station 94 2301 Airport Road	A	FIRE DEPARTMENT	06/30/93	456,174.07	0.00	456,174.07	Facility
3	10000007	Fire Station 94 Hurricane Rollup Shutter	A	FIRE DEPARTMENT	06/06/01	20,105.00	4,423.10	15,681.90	Facility
4	10001060	1995 Frghtliner FL60	A	FIRE DEPARTMENT	11/08/94	136,978.00	0.00	136,978.00	Vehicles
5	10001061	1995 Frghtliner FL60	A	FIRE DEPARTMENT	11/01/94	610.00	0.00	610.00	Vehicles
6	10002608	Fire Station 93 300 Wilmette Ave	A	FIRE DEPARTMENT	08/03/98	21,021.02	21,021.02	0.00	Facility
7	10002609	Fire Station 93 Architectual Services	A	FIRE DEPARTMENT	09/30/99	54,371.36	7,611.99	46,759.37	Facility
8	10002610	Fire Station 93 Irrigation/Landscape	A	FIRE DEPARTMENT	05/17/00	23,284.00	4,191.12	19,092.88	Facility
9	10002611	Fire Station 93 - Original Land Purchase	A	FIRE DEPARTMENT	06/15/88	44,685.80	44,685.80	0.00	Facility
10	10002612	Fire Station 93 Install Sign	A	FIRE DEPARTMENT	04/27/00	2,080.00	374.40	1,705.60	Facility
11	10002613	Fire Station 93 Crane Rental	A	FIRE DEPARTMENT	03/31/00	210.00	37.80	172.20	Facility
12	10002614	Fire Station 93 Additional Strvtr Modeli	A	FIRE DEPARTMENT	01/20/00	870.00	156.60	713.40	Facility
13	10002615	Fire Station 93 Sign	A	FIRE DEPARTMENT	10/20/99	235.00	42.30	192.70	Facility
14	10002616	Fire Station 93 Architectural Service	A	FIRE DEPARTMENT	05/05/00	41,955.89	7,552.06	34,403.83	Facility
15	10002617	Fire Station 93 Engineering Services	A	FIRE DEPARTMENT	05/03/00	3,520.00	633.60	2,886.40	Facility
16	10002618	Fire Station 93 Construction	A	FIRE DEPARTMENT	10/27/99	605,285.49	108,951.39	496,334.10	Facility
17	10002619	Fire Station No 93 Real Estate Taxes	A	FIRE DEPARTMENT	05/10/99	164.43	164.43	0.00	Facility
18	10002629	Eqp Robot For Fire Safety Training	A	FIRE DEPARTMENT	06/11/99	7,450.00	0.00	7,450.00	Equipment
19	10002637	Rst 69 General Cargo Truck	A	FIRE DEPARTMENT	05/16/00	7,500.00	0.00	7,500.00	Vehicles
20	10002638	Rst Water Tank Polyprene Brush Truck (06	A	FIRE DEPARTMENT	09/01/00	5,606.20	0.00	5,606.20	Vehicles
21	10002812	Rst 00 Pierce Pumper Fire Truck	A	FIRE DEPARTMENT	06/28/00	199,739.00	0.00	199,739.00	Vehicles
22	10002813	Rst 00 Pierce Pumper Fire Truck	A	FIRE DEPARTMENT	06/02/00	199,739.00	0.00	199,739.00	Vehicles
23	10003850	Gen 00 Katolight D50Fjj4 Generator	A	FIRE DEPARTMENT	11/21/00	9,943.00	0.00	9,943.00	Equipment
24	10003860	Veh 01 Chevy 1/2 Ton 8 Passenger Van	A	FIRE DEPARTMENT	08/07/01	20,640.00	0.00	20,640.00	Vehicles
25	10005143	Fire Station 92 189 S Nova Rd (Old Cemet	A	FIRE DEPARTMENT	04/15/04	14,430.00	4,906.20	9,523.80	Facility
26	10005144	Fire Station 92 Geotechnical Services	A	FIRE DEPARTMENT	06/23/04	3,730.00	1,268.20	2,461.80	Facility
27	10005145	Fire Station 92 Excavation	A	FIRE DEPARTMENT	06/23/04	1,782.50	606.05	1,176.45	Facility
28	10005146	Fire Station 92 Pre-Construction	A	FIRE DEPARTMENT	08/02/04	3,865.00	1,314.10	2,550.90	Facility
29	10005147	Fire Station 92 Design	A	FIRE DEPARTMENT	09/30/04	55,320.00	18,808.80	36,511.20	Facility
30	10005148	Fire Station 92 Pre-Construction	A	FIRE DEPARTMENT	12/13/04	7,835.00	2,977.30	4,857.70	Facility
31	10005149	Fire Station 92 Architectural Services	A	FIRE DEPARTMENT	09/22/03	4,500.00	1,350.00	3,150.00	Facility
32	10005150	Fire Station 92 Design	A	FIRE DEPARTMENT	02/01/05	9,676.01	3,676.89	5,999.13	Facility
33	10005151	Fire Station 92 Construction	A	FIRE DEPARTMENT	04/07/05	39,234.00	14,908.92	24,325.08	Facility
34	10005152	Fire Station 92 Construction	A	FIRE DEPARTMENT	04/22/05	44,516.00	16,916.08	27,599.92	Facility
35	10005153	Fire Station 92 Furnish/Deliver All Door	A	FIRE DEPARTMENT	05/05/05	1,940.00	737.20	1,202.80	Facility
36	10005154	Fire Station 92 Construction	A	FIRE DEPARTMENT	05/11/05	84,349.00	32,052.62	52,296.38	Facility
37	10005155	Fire Station 92 Construction	A	FIRE DEPARTMENT	06/10/05	69,745.00	26,503.10	43,241.90	Facility
38	10005156	Fire Station 92 All ""Electrical""	A	FIRE DEPARTMENT	07/28/05	232.61	88.41	144.21	Facility
39	10005157	Fire Station 92 ""Electrical""	A	FIRE DEPARTMENT	07/28/05	1,005.61	382.15	623.47	Facility
40	10005158	Fire Station 92 All ""Electrical""	A	FIRE DEPARTMENT	07/28/05	740.47	281.38	459.10	Facility
41	10005159	Fire Station 92 All ""Electrical""	A	FIRE DEPARTMENT	07/28/05	235.00	89.30	145.70	Facility
42	10005160	Fire Station 92 All Trusses	A	FIRE DEPARTMENT	07/28/05	18,450.00	7,011.00	11,439.00	Facility
43	10005161	Fire Station 92 All Airvac System	A	FIRE DEPARTMENT	07/28/05	11,510.00	4,373.80	7,136.20	Facility
44	10005162	Fire Station 92 Construction	A	FIRE DEPARTMENT	08/03/05	74,883.00	28,455.54	46,427.46	Facility
45	10005163	Fire Station 92 All ""Brick""	A	FIRE DEPARTMENT	07/28/05	3,426.57	1,302.11	2,124.47	Facility
46	10005164	Fire Station 92 All ""Electrical""	A	FIRE DEPARTMENT	07/28/05	3,872.90	1,471.69	2,401.21	Facility
47	10005165	Fire Station 92 All ""Electrical""	A	FIRE DEPARTMENT	07/28/05	1,030.05	391.43	638.63	Facility
48	10005166	Fire Station 92 ""Electrical""	A	FIRE DEPARTMENT	07/28/05	3,648.50	1,386.43	2,262.07	Facility
49	10005167	Fire Station 92 All ""Electrical""	A	FIRE DEPARTMENT	07/28/05	1,375.00	522.50	852.50	Facility
50	10005168	Fire Station 92 Construction	A	FIRE DEPARTMENT	07/06/05	78,977.00	30,011.26	48,965.74	Facility
51	10005169	Fire Station 92 Attorney Fee For Gob Iss	A	FIRE DEPARTMENT	12/11/03	509.88	173.36	336.52	Facility
52	10005170	Fire Station 92 All ""Electrical""	A	FIRE DEPARTMENT	06/30/05	742.63	282.21	460.43	Facility

Table 7-2
City of Ormond Beach
Fire Services Impact Fee Feasibility Analysis

Fire Department Fixed Assets

Line No.	ASSET	DESCRIPTION	STATUS	LOCATION DESC	DATE ACQ	ACQ COST	CURR BOOK VAL	LTD ACCUM DEPR	Asset Category
53	10005171	Fire Station 92 All ""Electrical""	A	FIRE DEPARTMENT	06/30/05	792.27	301.07	491.21	Facility
54	10005172	Fire Station 92 All ""Electrical""	A	FIRE DEPARTMENT	06/30/05	794.33	301.86	492.48	Facility
55	10005173	Fire Station 92 All ""Electrical""	A	FIRE DEPARTMENT	06/30/05	345.32	131.23	214.09	Facility
56	10005174	Fire Station 92 All ""Electrical""	A	FIRE DEPARTMENT	06/30/05	525.45	199.67	325.79	Facility
57	10005175	Fire Station 92 Construction	A	FIRE DEPARTMENT	06/29/05	325.00	123.50	201.50	Facility
58	10005176	Fire Station 92 All ""Electrical""	A	FIRE DEPARTMENT	06/29/05	949.97	360.99	588.99	Facility
59	10005177	Fire Station 92 All ""Brick""	A	FIRE DEPARTMENT	06/29/05	3,215.00	1,221.70	1,993.30	Facility
60	10005178	Fire Station 92 189 S Nova Road (Old Cem	A	FIRE DEPARTMENT	06/24/76	108,000.00	108,000.00	0.00	Facility
61	10005179	Fire Station 92 Metal Roofing Materials	A	FIRE DEPARTMENT	08/16/05	34,909.00	13,265.42	21,643.58	Facility
62	10005180	Fire Station 92 Design	A	FIRE DEPARTMENT	08/16/05	6,426.00	2,441.88	3,984.12	Facility
63	10005181	Fire Station 92 Construction Materials	A	FIRE DEPARTMENT	08/17/05	320.00	121.60	198.40	Facility
64	10005182	Fire Station 92 All Doors, Frames	A	FIRE DEPARTMENT	08/18/05	1,140.00	433.20	706.80	Facility
65	10005183	Fire Station 92 Construction	A	FIRE DEPARTMENT	09/12/05	169,255.00	64,316.90	104,938.10	Facility
66	10005184	Fire Station 92 Carrier Hvac Equipment	A	FIRE DEPARTMENT	09/14/05	3,198.00	1,215.24	1,982.76	Facility
67	10005185	Fire Station 92 Metal Roofing Materials	A	FIRE DEPARTMENT	09/14/05	25,388.00	9,647.44	15,740.56	Facility
68	10005186	Fire Station 92 Fob Jobsite All Doors, F	A	FIRE DEPARTMENT	09/14/05	1,110.00	421.80	688.20	Facility
69	10005187	Fire Station 92 Inspection Photos	A	FIRE DEPARTMENT	08/12/05	8.67	3.29	5.39	Facility
70	10005188	Fire Station 92 Bricks	A	FIRE DEPARTMENT	06/08/05	3,215.00	1,221.70	1,993.30	Facility
71	10005189	Fire Station 92 All Drywall & Stucco	A	FIRE DEPARTMENT	09/27/05	3,506.38	1,332.42	2,173.96	Facility
72	10005190	Fire Station 92 Dectron Hvac Equipment	A	FIRE DEPARTMENT	09/21/05	798.00	303.24	494.76	Facility
73	10005191	Fire Station 92 Construction	A	FIRE DEPARTMENT	09/30/05	83,004.00	31,541.52	51,462.48	Facility
74	10005192	Fire Station 92 Design	A	FIRE DEPARTMENT	09/30/05	5,355.00	2,034.90	3,320.10	Facility
75	10005193	Fire Station 92 Construction Materials	A	FIRE DEPARTMENT	09/30/05	72.00	27.36	44.64	Facility
76	10005194	Fire Station 92 All ""Electrical""	A	FIRE DEPARTMENT	06/21/05	1,658.50	630.23	1,028.27	Facility
77	10005195	Fire Station 92 Construction	A	FIRE DEPARTMENT	09/30/05	435.00	165.30	269.70	Facility
78	10005196	Fire Station 92 Construction	A	FIRE DEPARTMENT	09/30/05	65.00	24.70	40.30	Facility
79	10005197	Fire Station 92 All ""Electrical""	A	FIRE DEPARTMENT	09/23/05	786.39	298.83	487.57	Facility
80	10005198	Fire Station 92 Dectron Hvac Equipment	A	FIRE DEPARTMENT	11/02/05	16,060.00	6,745.20	9,314.80	Facility
81	10005199	Fire Station 92 Construction	A	FIRE DEPARTMENT	11/17/05	150,930.00	63,390.60	87,539.40	Facility
82	10005200	Fire Station 92 Sign	A	FIRE DEPARTMENT	10/04/05	490.00	205.80	284.20	Facility
83	10005201	Fire Station 92 All Doors, Frames &	A	FIRE DEPARTMENT	12/08/05	6,560.00	2,755.20	3,804.80	Facility
84	10005202	Fire Station 92 Architectural	A	FIRE DEPARTMENT	12/08/05	12,200.00	5,124.00	7,076.00	Facility
85	10005203	Fire Station 92 Carrier Hvac Equipment	A	FIRE DEPARTMENT	12/08/05	11,345.00	4,764.90	6,580.10	Facility
86	10005204	Fire Station 92 Survey - July 1988 (G.O.	A	FIRE DEPARTMENT	07/01/88	350.00	350.00	0.00	Facility
87	10005205	Fire Station 92 Bricks For Fire Station	A	FIRE DEPARTMENT	06/03/05	3,426.57	1,302.11	2,124.47	Facility
88	10005206	Fire Station 92 Construction	A	FIRE DEPARTMENT	12/20/05	94,665.00	39,759.30	54,905.70	Facility
89	10005207	Fire Station 92 Gear Mobile 3-Pack Bunke	A	FIRE DEPARTMENT	12/29/05	5,640.00	2,368.80	3,271.20	Equipment
90	10005208	Fire Station 92 All Doors, Frames	A	FIRE DEPARTMENT	12/22/05	3,755.00	1,577.10	2,177.90	Facility
91	10005209	Fire Station 92 All Doors, Frames	A	FIRE DEPARTMENT	12/22/05	616.00	258.72	357.28	Facility
92	10005210	Fire Station 92 Construction	A	FIRE DEPARTMENT	12/22/05	519.00	217.98	301.02	Facility
93	10005211	Fire Station 92 Engineering	A	FIRE DEPARTMENT	12/22/05	529.00	222.18	306.82	Facility
94	10005212	Fire Station 92 Engineering	A	FIRE DEPARTMENT	12/22/05	65.00	27.30	37.70	Facility
95	10005213	Fire Station 92 Engineering	A	FIRE DEPARTMENT	12/22/05	75.00	31.50	43.50	Facility
96	10005214	Fire Station 92 Design	A	FIRE DEPARTMENT	12/29/05	3,660.00	1,537.20	2,122.80	Facility
97	10005215	Fire Station 92 2"" Horizontal Blinds, W	A	FIRE DEPARTMENT	01/27/06	1,299.00	545.58	753.42	Facility
98	10005216	Fire Station 92 All ""Electrical""	A	FIRE DEPARTMENT	02/01/06	110.00	46.20	63.80	Facility
99	10005217	Fire Station 92 Engineering	A	FIRE DEPARTMENT	02/01/06	145.00	60.90	84.10	Facility
100	10005218	Fire Station 92 Engineering	A	FIRE DEPARTMENT	02/14/06	3,666.00	1,539.72	2,126.28	Facility
101	10005219	Fire Station 92 Carts, Mailbox, Ladder,	A	FIRE DEPARTMENT	02/14/06	379.84	159.54	220.30	Facility
102	10005220	Fire Station 92 Shelves For Handicap Res	A	FIRE DEPARTMENT	02/14/06	15.91	6.67	9.24	Facility
103	10005221	Fire Station 92 Networking Materials	A	FIRE DEPARTMENT	02/14/06	52.22	21.93	30.29	Facility
104	10005222	Fire Station 92 Shelving Units	A	FIRE DEPARTMENT	02/14/06	379.85	159.55	220.30	Facility

Table 7-2
City of Ormond Beach
Fire Services Impact Fee Feasibility Analysis

Fire Department Fixed Assets

Line No.	ASSET	DESCRIPTION	STATUS	LOCATION DESC	DATE ACQ	ACQ COST	CURR BOOK VAL	LTD ACCUM DEPR	Asset Category
105	10005223	Fire Station 92 Waste Baskets, Lamps, Ch	A	FIRE DEPARTMENT	02/14/06	291.64	122.48	169.16	Facility
106	10005224	Fire Station 92 Bunker Gear Storage	A	FIRE DEPARTMENT	02/14/06	301.75	126.74	175.02	Facility
107	10005225	Fire Station 92 Shelving Supplies	A	FIRE DEPARTMENT	02/14/06	151.12	63.47	87.65	Facility
108	10005226	Fire Station 92 Mats,Clocks,Kitchen Item	A	FIRE DEPARTMENT	02/14/06	366.60	153.98	212.62	Facility
109	10005227	Fire Station 92 Silk Plant	A	FIRE DEPARTMENT	02/14/06	48.88	20.53	28.35	Facility
110	10005228	Fire Station 92 Sheets,Art,Clocks,Flatwa	A	FIRE DEPARTMENT	02/14/06	173.97	73.06	100.91	Facility
111	10005229	Fire Station 92 Side Tables, Drill Bit	A	FIRE DEPARTMENT	02/14/06	182.40	76.60	105.80	Facility
112	10005230	Fire Station 92 Construction	A	FIRE DEPARTMENT	02/16/06	24,004.00	10,081.68	13,922.32	Facility
113	10005231	Fire Station 92 Stereopatch Cable For Ra	A	FIRE DEPARTMENT	02/16/06	52.95	22.23	30.72	Facility
114	10005232	Fire Station 92 Engineering	A	FIRE DEPARTMENT	02/16/06	170.00	71.40	98.60	Facility
115	10005233	Fire Station 92 Office Chair, Big & Tall	A	FIRE DEPARTMENT	02/17/06	251.98	105.83	146.15	Facility
116	10005234	Fire Station 92 All Carpet, Vinyl Tile	A	FIRE DEPARTMENT	02/28/06	3,539.64	1,486.64	2,053.00	Facility
117	10005235	Fire Station 92 Pgt Windows	A	FIRE DEPARTMENT	02/28/06	8,082.58	3,394.69	4,687.89	Facility
118	10005236	Fire Station 92 Pgt Windows	A	FIRE DEPARTMENT	02/28/06	682.61	286.70	395.91	Facility
119	10005237	Fire Station 92 Framing & Matting Of 2 A	A	FIRE DEPARTMENT	03/06/06	196.00	82.32	113.68	Facility
120	10005238	Fire Station 92 Dry Erase Board, 4X8	A	FIRE DEPARTMENT	03/08/06	254.29	106.81	147.48	Facility
121	10005239	Fire Station 92 Dispatch System	A	FIRE DEPARTMENT	03/09/06	1,218.55	511.80	706.75	Facility
122	10005240	Fire Station 92 All Plumbing	A	FIRE DEPARTMENT	03/15/06	205.56	86.34	119.22	Facility
123	10005241	Fire Station 92 All Plumbing	A	FIRE DEPARTMENT	03/15/06	39.03	16.40	22.63	Facility
124	10005242	Fire Station 92 All Plumbing	A	FIRE DEPARTMENT	03/15/06	3,722.28	1,563.36	2,158.92	Facility
125	10005243	Fire Station 92 All Plumbing	A	FIRE DEPARTMENT	03/15/06	101.44	42.60	58.84	Facility
126	10005244	Fire Station 92 All Plumbing	A	FIRE DEPARTMENT	03/15/06	335.26	140.81	194.45	Facility
127	10005245	Fire Station 92 Men, Women, Capt, Div Ch	A	FIRE DEPARTMENT	03/16/06	134.00	56.28	77.72	Facility
128	10005246	Fire Station 92 Restroom, Conference/Tra	A	FIRE DEPARTMENT	03/16/06	155.52	65.32	90.20	Facility
129	10005247	Fire Station 92 Wiring Contract	A	FIRE DEPARTMENT	01/11/06	4,996.50	2,098.53	2,897.97	Facility
130	10005248	Fire Station 92 Architectural	A	FIRE DEPARTMENT	01/13/06	4,000.00	1,680.00	2,320.00	Facility
131	10005249	Fire Station 92 42"" 3-Dwr Lateral File,	A	FIRE DEPARTMENT	01/18/06	683.70	287.15	396.55	Facility
132	10005250	Fire Station 92 Table Oval, Laminate Wil	A	FIRE DEPARTMENT	01/18/06	348.73	146.46	202.27	Facility
133	10005251	Fire Station 92 Arm Chair, Freestanding,	A	FIRE DEPARTMENT	01/18/06	288.10	121.01	167.09	Facility
134	10005252	Fire Station 92 Cluster Corner Table, Ch	A	FIRE DEPARTMENT	01/18/06	141.47	59.41	82.06	Facility
135	10005253	Fire Station 92 Conference Lo-Bk Caster	A	FIRE DEPARTMENT	01/18/06	1,745.80	733.24	1,012.56	Facility
136	10005254	Fire Station 92 Omni Side Chair,M-Bk,Woo	A	FIRE DEPARTMENT	01/18/06	478.16	200.82	277.34	Facility
137	10005255	Fire Station 92 Omni Side Chair, M-Bk, M	A	FIRE DEPARTMENT	01/18/06	631.24	265.12	366.12	Facility
138	10005256	Fire Station 92 Construction	A	FIRE DEPARTMENT	08/05/06	478.00	200.76	277.24	Facility
139	10005257	Fire Station 92 Straight Table, Laminate	A	FIRE DEPARTMENT	01/18/06	91.16	38.28	52.88	Facility
140	10005258	Fire Station 92 Installation Cost	A	FIRE DEPARTMENT	01/18/06	1,764.09	740.93	1,023.16	Facility
141	10005259	Fire Station 92 Shipping Charges	A	FIRE DEPARTMENT	01/18/06	510.98	214.61	296.37	Facility
142	10005260	Fire Station 92 Alpha 72"" Desk, Left Pe	A	FIRE DEPARTMENT	01/18/06	560.72	235.50	325.22	Facility
143	10005261	Fire Station 92 Alpha 48"" Return, Right	A	FIRE DEPARTMENT	01/18/06	196.08	82.36	113.72	Facility
144	10005262	Fire Station 92 Alpha 66"" Credenza Righ	A	FIRE DEPARTMENT	01/18/06	239.51	100.60	138.91	Facility
145	10005263	Fire Station 92 Alpha 62"" Hutch, Wild C	A	FIRE DEPARTMENT	01/18/06	288.96	121.36	167.60	Facility
146	10005264	Fire Station 92 Alpha 44"" Hutch, Wild C	A	FIRE DEPARTMENT	01/18/06	250.69	105.28	145.41	Facility
147	10005265	Fire Station 92 Alpha 48"" Bridge, Wild	A	FIRE DEPARTMENT	01/18/06	82.99	34.85	48.14	Facility
148	10005266	Fire Station 92 Alpha 72"" Bookcase, 6 S	A	FIRE DEPARTMENT	01/18/06	360.34	151.35	208.99	Facility
149	10005267	Fire Station 92 Alpha 48"" Bookcase, 4 S	A	FIRE DEPARTMENT	01/18/06	129.43	54.35	75.08	Facility
150	10005268	Fire Station 92 Alpha 48"" Dia Conftable	A	FIRE DEPARTMENT	01/18/06	202.96	85.24	117.72	Facility
151	10005269	Fire Station 92 24""Dx60""W Workstation,	A	FIRE DEPARTMENT	01/18/06	2,167.20	910.22	1,256.98	Facility
152	10005270	Fire Station 92 Keydwr W/Swivel/Mouse Tr	A	FIRE DEPARTMENT	01/18/06	254.56	106.92	147.64	Facility
153	10005271	Fire Station 92 Pencil Dwr, Low Profile,	A	FIRE DEPARTMENT	01/18/06	55.04	23.12	31.92	Facility
154	10005272	Fire Station 92 Hutch Light	A	FIRE DEPARTMENT	01/18/06	127.28	53.46	73.82	Facility
155	10005273	Fire Station 92 R11 Captain'S Bed, W/4 D	A	FIRE DEPARTMENT	01/18/06	2,282.44	958.62	1,323.82	Facility
156	10005274	Fire Station 92 R11 24"" Night Stand,Sgl	A	FIRE DEPARTMENT	01/18/06	153.51	64.48	89.03	Facility

Table 7-2
City of Ormond Beach
Fire Services Impact Fee Feasibility Analysis

Fire Department Fixed Assets

Line No.	ASSET	DESCRIPTION	STATUS	LOCATION DESC	DATE ACQ	ACQ COST	CURR BOOK VAL	LTD ACCUM DEPR	Asset Category
157	10005275	Fire Station 92 Installation Cost	A	FIRE DEPARTMENT	01/18/06	1,024.36	430.24	594.12	Facility
158	10005276	Fire Station 92 Whirlpool 21 Cu Frefrig	A	FIRE DEPARTMENT	01/18/06	1,099.90	461.95	637.95	Facility
159	10005277	Fire Station 92 Frigidaire Dishwasher, W	A	FIRE DEPARTMENT	01/18/06	349.95	146.97	202.98	Facility
160	10005278	Fire Station 92 Kitchenaid Washer, White	A	FIRE DEPARTMENT	01/18/06	399.95	167.97	231.98	Facility
161	10005279	Fire Station 92 Ge Hood, 30" 3Way, Whit	A	FIRE DEPARTMENT	01/18/06	39.95	16.77	23.18	Facility
162	10005280	Fire Station 92 Installation And Deliver	A	FIRE DEPARTMENT	01/18/06	149.95	62.97	86.98	Facility
163	10005281	Fire Station 92 Sealy Posturpedic Kuleto	A	FIRE DEPARTMENT	01/18/06	1,072.00	450.24	621.76	Facility
164	10005282	Fire Station 92 Construction	A	FIRE DEPARTMENT	01/18/06	83,217.00	34,951.14	48,265.86	Facility
165	10005283	Fire Station 92 Shelving, Wire, Connecto	A	FIRE DEPARTMENT	01/19/06	396.66	166.59	230.07	Facility
166	10005284	Fire Station 92 Magic Chef Glass Top Ran	A	FIRE DEPARTMENT	01/24/06	429.95	180.57	249.38	Facility
167	10005285	Fire Station 92 Ice Machine And Storage	A	FIRE DEPARTMENT	01/24/06	2,375.00	997.50	1,377.50	Facility
168	10005286	Fire Station 92 Twin Murphy Bed Incherry	A	FIRE DEPARTMENT	01/27/06	1,025.00	430.50	594.50	Facility
169	10005287	Fire Station 92 Construction	A	FIRE DEPARTMENT	03/02/06	27,681.00	11,626.02	16,054.98	Facility
170	10005288	Fire Station 92 Install Wall Mirrors In	A	FIRE DEPARTMENT	05/18/06	700.00	294.00	406.00	Facility
171	10005289	Fire Station 92 Install Monument Sign	A	FIRE DEPARTMENT	04/20/06	450.00	189.00	261.00	Facility
172	10005290	Fire Station 92 Routed Lettering Monumen	A	FIRE DEPARTMENT	04/20/06	490.00	205.80	284.20	Facility
173	10005291	Fire Station 92 24" City Logos Monument	A	FIRE DEPARTMENT	04/20/06	490.00	205.80	284.20	Facility
174	10005292	Fire Station 92 Electrical Services	A	FIRE DEPARTMENT	11/28/05	278.20	116.84	161.36	Facility
175	10005293	Fire Station 92 Prof Services	A	FIRE DEPARTMENT	11/28/05	516.00	216.72	299.28	Facility
176	10005294	Fire Station 92 Relocation Exp Hall Cons	A	FIRE DEPARTMENT	11/30/06	5,680.00	2,612.80	3,067.20	Facility
177	10005295	Fire Station 92 Shipping Charges	A	FIRE DEPARTMENT	01/27/06	19.55	8.22	11.33	Facility
178	10005296	Fire Station 92 Frame/Matt Pictures	A	FIRE DEPARTMENT	01/23/06	485.00	203.70	281.30	Facility
179	10005297	Fire Station 92 Office Furniture	A	FIRE DEPARTMENT	01/20/06	1,349.70	566.87	782.83	Facility
180	10005298	Fire Station 92 Office Furniture	A	FIRE DEPARTMENT	01/19/06	2,457.14	1,031.99	1,425.15	Facility
181	10005299	Fire Station 92 Security, Fire Saftey Se	A	FIRE DEPARTMENT	01/27/06	1,218.55	511.80	706.75	Facility
182	10005300	Fire Station 92 Office Furnishings	A	FIRE DEPARTMENT	09/02/06	121.86	51.19	70.67	Facility
183	10005301	Fire Station 92 Office Furnishings	A	FIRE DEPARTMENT	08/30/06	508.00	213.36	294.64	Facility
184	10005302	Fire Station 92 Construction	A	FIRE DEPARTMENT	03/16/06	6,593.00	2,769.06	3,823.94	Facility
185	10005303	Fire Art Sculpture Aluminum Artist:Linda	A	FIRE DEPARTMENT	08/17/06	10,000.00	10,000.00	0.00	Facility
186	10005304	Fire Art Sculpture Aluminum Artist:Linda	A	FIRE DEPARTMENT	11/08/06	10,000.00	10,000.00	0.00	Facility
187	10005305	Fire Art Sculpture Aluminum Artist:Linda	A	FIRE DEPARTMENT	01/13/08	12,000.00	12,000.00	0.00	Facility
188	10005307	Fire Station 91 364 S Atlantic Ave (Beac	A	FIRE DEPARTMENT	06/15/04	1,250.00	1,250.00	0.00	Facility
189	10005308	Fire Station 91 Phase I Site Assessment	A	FIRE DEPARTMENT	07/07/04	2,000.00	2,000.00	0.00	Facility
190	10005309	Fire Station 91 Title Search 4 Parcels O	A	FIRE DEPARTMENT	05/05/04	150.00	150.00	0.00	Facility
191	10005310	Fire Station 91 Fed Ex For Plans	A	FIRE DEPARTMENT	08/24/04	8.53	2.90	5.63	Facility
192	10005311	Fire Station 91 Fed Ex For Plans	A	FIRE DEPARTMENT	08/24/04	6.38	2.17	4.21	Facility
193	10005312	Fire Station 91 Architectural Services	A	FIRE DEPARTMENT	03/18/08	2,400.00	1,200.00	1,200.00	Facility
194	10005313	Fire Station 91 Design Final Payment	A	FIRE DEPARTMENT	09/30/07	5,400.00	2,484.00	2,916.00	Facility
195	10005314	Fire Station 91 Engineering Services	A	FIRE DEPARTMENT	08/05/05	100.00	38.00	62.00	Facility
196	10005315	Fire Station 91 Bond Counsel Costs	A	FIRE DEPARTMENT	09/30/05	2,500.00	950.00	1,550.00	Facility
197	10005316	Fire Station 91 Plan Copies	A	FIRE DEPARTMENT	10/08/04	14.56	5.54	9.02	Facility
198	10005317	Fire Station 91 Appraisal On Granada / S	A	FIRE DEPARTMENT	10/22/04	5,500.00	5,500.00	0.00	Facility
199	10005318	Fire Station 91 Plans Legal Ad	A	FIRE DEPARTMENT	01/05/05	91.50	34.77	56.73	Facility
200	10005319	Fire Station 91 Survey Emergency Signal	A	FIRE DEPARTMENT	05/05/05	17,440.00	6,627.20	10,812.80	Facility
201	10005320	Fire Station 91 Furnishings Hall Constru	A	FIRE DEPARTMENT	10/27/06	1,022.12	470.18	551.94	Facility
202	10005321	Fire Station 91 Pre-Construction Service	A	FIRE DEPARTMENT	06/10/05	1,499.00	569.62	929.38	Facility
203	10005322	Fire Station 91 Survey Emergency Signal	A	FIRE DEPARTMENT	06/21/05	49,525.00	18,819.50	30,705.50	Facility
204	10005323	Fire Station 91 Geotechnical Exploration	A	FIRE DEPARTMENT	06/27/05	2,885.50	1,096.49	1,789.01	Facility
205	10005324	Fire Station 91 Pre-Construction Service	A	FIRE DEPARTMENT	07/18/05	7,244.00	2,752.72	4,491.28	Facility
206	10005325	Fire Station 91 Furnishings Communicatio	A	FIRE DEPARTMENT	10/13/06	1,404.36	646.01	758.35	Facility
207	10005326	Fire Station 91 Survey Emergency Signal	A	FIRE DEPARTMENT	08/16/05	4,840.00	1,839.20	3,000.80	Facility
208	10005327	Fire Station 91 Pre-Construction Service	A	FIRE DEPARTMENT	08/17/05	2,498.00	949.24	1,548.76	Facility

Table 7-2
City of Ormond Beach
Fire Services Impact Fee Feasibility Analysis

Fire Department Fixed Assets

Line No.	ASSET	DESCRIPTION	STATUS	LOCATION DESC	DATE ACQ	ACQ COST	CURR BOOK VAL	LTD ACCUM DEPR	Asset Category
209	10005328	Fire Station 91 Playground Design Servic	A	FIRE DEPARTMENT	11/12/07	32,954.77	16,477.39	16,477.38	Facility
210	10005329	Fire Station 91 Mast Arm Signal Geotechn	A	FIRE DEPARTMENT	09/13/05	1,245.00	473.10	771.90	Facility
211	10005330	Fire Station 91 Pre-Construction Service	A	FIRE DEPARTMENT	09/16/05	1,249.00	474.62	774.38	Facility
212	10005331	Fire Station 91 Impact Fees - Volusia Co	A	FIRE DEPARTMENT	09/16/05	6,620.40	2,515.74	4,104.66	Other
213	10005332	Fire Station 91 Land Exchange	A	FIRE DEPARTMENT	11/22/04	389,309.11	389,309.11	0.00	Facility
214	10005333	Fire Station 91 Closing Cost For Land	A	FIRE DEPARTMENT	11/10/04	25,000.00	25,000.00	0.00	Facility
215	10005334	Fire Station 91 Prof Services	A	FIRE DEPARTMENT	04/27/05	14,828.00	5,634.64	9,193.36	Facility
216	10005335	Fire Station 91 Fed Ex For Plans	A	FIRE DEPARTMENT	02/18/05	6.59	2.52	4.08	Facility
217	10005336	Fire Station 91 Construction	A	FIRE DEPARTMENT	07/30/05	4,759.00	1,808.42	2,950.58	Facility
218	10005337	Fire Station 91 Construction	A	FIRE DEPARTMENT	05/31/05	8,634.00	3,280.92	5,353.08	Facility
219	10005338	Fire Station 91 Npdes Permit	A	FIRE DEPARTMENT	04/14/05	150.00	57.00	93.00	Facility
220	10005339	Fire Station 91 Stormwater Permit	A	FIRE DEPARTMENT	04/14/05	350.00	133.00	217.00	Facility
221	10005340	Fire Station 91 Survey Emergency Signal	A	FIRE DEPARTMENT	09/30/05	3,860.00	1,466.80	2,393.20	Facility
222	10005341	Fire Station 91 Construction Payment #1	A	FIRE DEPARTMENT	09/30/05	40,064.00	15,224.32	24,839.68	Facility
223	10005342	Fire Station 91 Construction	A	FIRE DEPARTMENT	11/17/05	40,136.00	16,857.12	23,278.88	Facility
224	10005343	Fire Station 91 All Rebar	A	FIRE DEPARTMENT	12/08/05	3,210.30	1,348.33	1,861.97	Facility
225	10005344	Fire Station 91 Financial Advisory Servi	A	FIRE DEPARTMENT	04/04/05	5,897.97	2,241.23	3,656.75	Facility
226	10005345	Fire Station 91 Bond Issue Costs	A	FIRE DEPARTMENT	03/15/05	347.80	132.17	215.63	Facility
227	10005346	Fire Station 91 Issue Costs	A	FIRE DEPARTMENT	03/15/05	11,250.00	4,275.00	6,975.00	Facility
228	10005347	Fire Station 91 Construction	A	FIRE DEPARTMENT	12/20/05	70,239.00	29,500.38	40,738.62	Facility
229	10005348	Fire Station 91 Construction Materials T	A	FIRE DEPARTMENT	12/22/05	228.00	95.76	132.24	Facility
230	10005349	Fire Station 91 Construction Materials T	A	FIRE DEPARTMENT	12/22/05	76.00	31.92	44.08	Facility
231	10005350	Fire Station 91 All Doors, Frames	A	FIRE DEPARTMENT	12/22/05	1,320.00	554.40	765.60	Facility
232	10005351	Fire Station 91 All Rebar	A	FIRE DEPARTMENT	12/22/05	9,479.70	3,981.47	5,498.23	Facility
233	10005352	Fire Station 91 Survey Emergency Signal	A	FIRE DEPARTMENT	12/29/05	3,160.00	1,327.20	1,832.80	Facility
234	10005353	Fire Station 91 All Airvac System	A	FIRE DEPARTMENT	02/01/06	7,842.00	3,293.64	4,548.36	Facility
235	10005354	Fire Station 91 All Doors, Frames	A	FIRE DEPARTMENT	02/01/06	240.00	100.80	139.20	Facility
236	10005355	Fire Station 91 All Precast Concrete	A	FIRE DEPARTMENT	02/09/06	5,000.00	2,100.00	2,900.00	Facility
237	10005356	Fire Station 91 All Precast Concrete	A	FIRE DEPARTMENT	02/09/06	6,312.00	2,651.04	3,660.96	Facility
238	10005357	Fire Station 91 Construction Materials T	A	FIRE DEPARTMENT	02/14/06	180.00	75.60	104.40	Facility
239	10005358	Fire Station 91 Construction Materials T	A	FIRE DEPARTMENT	02/14/06	60.00	25.20	34.80	Facility
240	10005359	Fire Station 91 Survey Emergency Signal	A	FIRE DEPARTMENT	02/14/06	3,670.00	1,541.40	2,128.60	Facility
241	10005360	Fire Station 91 Construction	A	FIRE DEPARTMENT	02/16/06	45,114.00	18,947.88	26,166.12	Facility
242	10005361	Fire Station 91 Construction Materials T	A	FIRE DEPARTMENT	02/16/06	156.00	65.52	90.48	Facility
243	10005362	Fire Station 91 Construction Materials T	A	FIRE DEPARTMENT	02/16/06	95.00	39.90	55.10	Facility
244	10005363	Fire Station 91 Construction Materials T	A	FIRE DEPARTMENT	03/07/06	185.00	77.70	107.30	Facility
245	10005364	Fire Station 91 Survey Emergency Signal	A	FIRE DEPARTMENT	03/13/06	2,440.00	1,024.80	1,415.20	Facility
246	10005365	Fire Station 91 Construction	A	FIRE DEPARTMENT	03/14/06	20,290.00	8,521.80	11,768.20	Facility
247	10005366	Fire Station 91 Lights & Gear Electric	A	FIRE DEPARTMENT	03/15/06	2,136.00	897.12	1,238.88	Facility
248	10005367	Fire Station 91 Lights & Gear Electric	A	FIRE DEPARTMENT	03/15/06	1,065.75	447.62	618.14	Facility
249	10005368	Fire Station 91 Lights & Gear Electric	A	FIRE DEPARTMENT	03/15/06	815.50	342.51	472.99	Facility
250	10005369	Fire Station 91 Lights & Gear Electric	A	FIRE DEPARTMENT	03/15/06	4,115.25	1,728.41	2,386.85	Facility
251	10005370	Fire Station 91 Lights & Gear Electric	A	FIRE DEPARTMENT	03/15/06	2,684.00	1,127.28	1,556.72	Facility
252	10005371	Fire Station 91 Lights & Gear Electric	A	FIRE DEPARTMENT	03/15/06	221.50	93.03	128.47	Facility
253	10005372	Fire Station 91 Lights & Gear Electric	A	FIRE DEPARTMENT	03/15/06	663.75	278.78	384.98	Facility
254	10005373	Fire Station 91 Lights & Gear Electric	A	FIRE DEPARTMENT	03/15/06	298.25	125.27	172.99	Facility
255	10005374	Fire Station 91 All Trusses	A	FIRE DEPARTMENT	03/15/06	16,426.00	6,898.92	9,527.08	Facility
256	10005375	Fire Station 91 Construction	A	FIRE DEPARTMENT	01/18/06	139,401.00	58,548.42	80,852.58	Facility
257	10005376	Fire Station 91 Construction	A	FIRE DEPARTMENT	04/26/06	37,902.00	15,918.84	21,983.16	Facility
258	10005377	Fire Station 91 Survey Emergency Signal	A	FIRE DEPARTMENT	06/05/06	3,355.00	1,409.10	1,945.90	Facility
259	10005378	Fire Station 91 Jobsite All Stucco, Meta	A	FIRE DEPARTMENT	06/14/06	286.50	120.33	166.17	Facility
260	10005379	Fire Station 91 All Storefront Doors	A	FIRE DEPARTMENT	06/14/06	2,123.25	891.77	1,231.49	Facility

Table 7-2
City of Ormond Beach
Fire Services Impact Fee Feasibility Analysis

Fire Department Fixed Assets

Line No.	ASSET	DESCRIPTION	STATUS	LOCATION DESC	DATE ACQ	ACQ COST	CURR BOOK VAL	LTD ACCUM DEPR	Asset Category
261	10005380	Fire Station 91 All Stucco, Metal	A	FIRE DEPARTMENT	06/14/06	5,062.08	2,126.08	2,936.00	Facility
262	10005381	Fire Station 91 All Insulation Mater	A	FIRE DEPARTMENT	06/14/06	745.82	313.25	432.57	Facility
263	10005382	Fire Station 91 Construction	A	FIRE DEPARTMENT	05/10/06	101,172.00	42,492.24	58,679.76	Facility
264	10005383	Fire Station 91 All Roofing Materials	A	FIRE DEPARTMENT	05/18/06	3,656.10	1,535.57	2,120.53	Facility
265	10005384	Fire Station 91 All Roofing Materials	A	FIRE DEPARTMENT	05/18/06	2,787.55	1,170.78	1,616.77	Facility
266	10005385	Fire Station 91 All Roofing Materials	A	FIRE DEPARTMENT	05/18/06	2,917.36	1,225.30	1,692.06	Facility
267	10005386	Fire Station 91 All Insulation Materials	A	FIRE DEPARTMENT	05/02/06	108.35	45.52	62.83	Facility
268	10005387	Fire Station 91 All Stucco, Metal	A	FIRE DEPARTMENT	04/21/06	659.20	276.86	382.34	Facility
269	10005388	Fire Station 91 All Stucco, Metal	A	FIRE DEPARTMENT	04/21/06	1,289.92	541.76	748.16	Facility
270	10005389	Fire Station 91 All Plumbing Materials	A	FIRE DEPARTMENT	05/18/06	228.08	95.80	132.28	Facility
271	10005390	Fire Station 91 All Hvac Equipment	A	FIRE DEPARTMENT	05/02/06	4,215.00	1,770.30	2,444.70	Facility
272	10005391	Fire Station 91 All Stucco, Metal	A	FIRE DEPARTMENT	04/21/06	2,260.72	949.50	1,311.22	Facility
273	10005392	Fire Station 91 All Insulation Materials	A	FIRE DEPARTMENT	06/05/06	2,080.51	873.82	1,206.69	Facility
274	10005393	Fire Station 91 All Stucco, Metal	A	FIRE DEPARTMENT	04/21/06	3,383.82	1,421.21	1,962.61	Facility
275	10005394	Fire Station 91 All Stucco, Metal	A	FIRE DEPARTMENT	04/21/06	93.00	39.06	53.94	Facility
276	10005395	Fire Station 91 Lights & Gear Electric	A	FIRE DEPARTMENT	05/08/06	6,600.00	2,772.00	3,828.00	Facility
277	10005396	Fire Station 91 All Roofing Materials	A	FIRE DEPARTMENT	05/02/06	7,668.00	3,220.56	4,447.44	Facility
278	10005397	Fire Station 91 All Doors, Frames	A	FIRE DEPARTMENT	05/02/06	2,620.00	1,100.40	1,519.60	Facility
279	10005398	Fire Station 91 Construction	A	FIRE DEPARTMENT	04/26/06	78,729.00	33,066.18	45,662.82	Facility
280	10005399	Fire Station 91 Alpha 48"" Return, Right	A	FIRE DEPARTMENT	09/27/06	196.08	82.36	113.72	Facility
281	10005400	Fire Station 91 Alpha 66"" Credenza, Left	A	FIRE DEPARTMENT	09/27/06	239.51	100.60	138.91	Facility
282	10005401	Fire Station 91 Alpha 24"" End Table-Wil	A	FIRE DEPARTMENT	10/05/06	184.04	84.66	99.38	Facility
283	10005402	Fire Station 91 Alpha 96"" Conf Table-Wi	A	FIRE DEPARTMENT	10/05/06	306.16	140.82	165.34	Facility
284	10005403	Fire Station 91 42"" Lateral File, 3 Dwr	A	FIRE DEPARTMENT	10/05/06	341.85	157.26	184.59	Facility
285	10005404	Fire Station 91 Rii 75"" Captain'S Bed,	A	FIRE DEPARTMENT	09/27/06	570.61	239.66	330.95	Facility
286	10005405	Fire Station 91 Rii 75"" Captain'S Bed,	A	FIRE DEPARTMENT	10/05/06	2,853.05	1,312.41	1,540.64	Facility
287	10005406	Fire Station 91 Alpha Lateral File, 2 Dr	A	FIRE DEPARTMENT	09/27/06	448.92	188.54	260.38	Facility
288	10005407	Fire Station 91 Alpha 72"" Bookcase, 6-S	A	FIRE DEPARTMENT	09/27/06	360.34	151.35	208.99	Facility
289	10005408	Fire Station 91 24""D X 60""W Workstatio	A	FIRE DEPARTMENT	10/05/06	288.96	132.92	156.04	Facility
290	10005409	Fire Station 91 Acclaim 42"" Lateral Fil	A	FIRE DEPARTMENT	09/28/06	341.85	143.59	198.26	Facility
291	10005410	Fire Station 91 Ez Recliner Overstuf Arm	A	FIRE DEPARTMENT	09/27/06	1,926.40	809.08	1,117.32	Facility
292	10005411	Fire Station 91 Omni Wood Side Chair, Sl	A	FIRE DEPARTMENT	09/27/06	233.92	98.24	135.68	Facility
293	10005412	Fire Station 91 Alpha 60"" Bookcase 5 Sh	A	FIRE DEPARTMENT	10/05/06	304.44	140.04	164.40	Facility
294	10005413	Fire Station 91 Omni Wood Side Chair, Sl	A	FIRE DEPARTMENT	10/05/06	1,637.44	753.22	884.22	Facility
295	10005414	Fire Station 91 Floridian Lo-Bk Chair	A	FIRE DEPARTMENT	10/05/06	498.80	229.45	269.35	Facility
296	10005415	Fire Station 91 Omni Wood Side Chair, Me	A	FIRE DEPARTMENT	09/27/06	239.00	100.38	138.62	Facility
297	10005416	Fire Station 91 Floridian Guest Chair (C	A	FIRE DEPARTMENT	09/27/06	2,317.70	973.43	1,344.27	Facility
298	10005417	Fire Station 91 Table, Tressel, Wood-Din	A	FIRE DEPARTMENT	09/22/06	510.84	214.56	296.28	Facility
299	10005418	Fire Station 91 Floridian Lo-Back Chair	A	FIRE DEPARTMENT	09/27/06	1,496.40	628.48	867.92	Facility
300	10005419	Fire Station 91 Furniture Delivery	A	FIRE DEPARTMENT	08/24/06	45.00	18.90	26.10	Facility
301	10005420	Fire Station 91 Install Dishwasher	A	FIRE DEPARTMENT	08/24/06	100.00	42.00	58.00	Facility
302	10005421	Fire Station 91 Frigidaire Dishwasher, W	A	FIRE DEPARTMENT	08/24/06	299.00	125.58	173.42	Facility
303	10005422	Fire Station 91 Whirlpool Dryer, White	A	FIRE DEPARTMENT	08/24/06	312.00	131.04	180.96	Facility
304	10005423	Fire Station 91 Whirlpool Washing Machin	A	FIRE DEPARTMENT	08/24/06	329.00	138.18	190.82	Facility
305	10005424	Fire Station 91 Dryer Cord	A	FIRE DEPARTMENT	08/24/06	10.00	4.20	5.80	Facility
306	10005425	Fire Station 91 Vent Kit	A	FIRE DEPARTMENT	08/24/06	6.00	2.52	3.48	Facility
307	10005426	Fire Station 91 Frigidaire Glass Top Ran	A	FIRE DEPARTMENT	08/24/06	440.00	184.80	255.20	Facility
308	10005427	Fire Station 91 Range Cord	A	FIRE DEPARTMENT	08/24/06	10.00	4.20	5.80	Facility
309	10005428	Fire Station 91 Whirlpool Range Hood, Wh	A	FIRE DEPARTMENT	08/24/06	35.00	14.70	20.30	Facility
310	10005429	Fire Station 91 Install Hood	A	FIRE DEPARTMENT	08/24/06	80.00	33.60	46.40	Facility
311	10005430	Fire Station 91 Whirlpool Refrigerator,	A	FIRE DEPARTMENT	08/24/06	1,116.00	468.72	647.28	Facility
312	10005431	Fire Station 91 All Painting	A	FIRE DEPARTMENT	08/28/06	18.50	7.77	10.73	Facility

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City of Ormond Beach
Fire Services Impact Fee Feasibility Analysis

Fire Department Fixed Assets

Line No.	ASSET	DESCRIPTION	STATUS	LOCATION DESC	DATE ACQ	ACQ COST	CURR BOOK VAL	LTD ACCUM DEPR	Asset Category
313	10005432	Fire Station 91 All Painting	A	FIRE DEPARTMENT	10/05/06	602.70	277.24	325.46	Facility
314	10005433	Fire Station 91 All Painting	A	FIRE DEPARTMENT	10/05/06	22.94	10.55	12.39	Facility
315	10005434	Fire Station 91 All Painting	A	FIRE DEPARTMENT	10/24/06	10.49	4.82	5.67	Facility
316	10005435	Fire Station 91 All Painting	A	FIRE DEPARTMENT	10/24/06	85.03	39.12	45.91	Facility
317	10005436	Fire Station 91 All Painting	A	FIRE DEPARTMENT	10/24/06	14.39	6.61	7.78	Facility
318	10005437	Fire Station 91 All Painting	A	FIRE DEPARTMENT	10/24/06	602.69	277.23	325.46	Facility
319	10005438	Fire Station 91 All Painting	A	FIRE DEPARTMENT	10/24/06	428.92	197.29	231.63	Facility
320	10005439	Fire Station 91 All Doors, Frames	A	FIRE DEPARTMENT	07/18/06	3,760.00	1,579.20	2,180.80	Facility
321	10005440	Fire Station 91 All Doors, Frames	A	FIRE DEPARTMENT	07/18/06	550.00	231.00	319.00	Facility
322	10005441	Fire Station 91 All Doors, Frames	A	FIRE DEPARTMENT	07/18/06	2,970.00	1,247.40	1,722.60	Facility
323	10005442	Fire Station 91 Steel Shelving 48 X 24 X	A	FIRE DEPARTMENT	09/21/06	291.88	122.59	169.29	Facility
324	10005443	Fire Station 91 Clocks,Kitchen Items,Coo	A	FIRE DEPARTMENT	09/29/06	376.27	158.04	218.23	Facility
325	10005444	Fire Station 91 Mop Bucket, Vacuum, Shop	A	FIRE DEPARTMENT	11/01/06	322.05	148.15	173.90	Facility
326	10005445	Fire Station 91 Faux Wood Blinds	A	FIRE DEPARTMENT	11/01/06	1,285.45	591.30	694.15	Facility
327	10005446	Fire Station 91 Faux Wood Blinds	A	FIRE DEPARTMENT	11/01/06	127.55	58.68	68.87	Facility
328	10005447	Fire Station 91 Construction	A	FIRE DEPARTMENT	08/01/06	61,254.00	25,726.68	35,527.32	Facility
329	10005448	Fire Station 91 Construction	A	FIRE DEPARTMENT	07/13/06	131,111.00	55,066.62	76,044.38	Facility
330	10005449	Fire Station 91 All Millwork	A	FIRE DEPARTMENT	07/18/06	13,000.00	5,460.00	7,540.00	Facility
331	10005450	Fire Station 91 Manitowoc Ice Machine An	A	FIRE DEPARTMENT	09/01/06	2,375.00	997.50	1,377.50	Facility
332	10005451	Fire Station 91 Bunk Room Desk Lamps	A	FIRE DEPARTMENT	11/01/06	184.43	84.83	99.60	Facility
333	10005452	Fire Station 91 Phone, Cordless	A	FIRE DEPARTMENT	09/18/06	122.94	51.63	71.31	Facility
334	10005453	Fire Station 91 Handset, Cordless, Black	A	FIRE DEPARTMENT	09/18/06	179.97	75.58	104.39	Facility
335	10005454	Fire Station 91 Lights & Gear Electric	A	FIRE DEPARTMENT	10/05/06	90.42	41.58	48.84	Facility
336	10005455	Fire Station 91 Lights & Gear Electric	A	FIRE DEPARTMENT	10/05/06	197.58	90.90	106.68	Facility
337	10005456	Fire Station 91 Small Office Desk	A	FIRE DEPARTMENT	11/10/06	164.95	75.87	89.08	Facility
338	10005457	Fire Station 91 Construction Materials T	A	FIRE DEPARTMENT	08/21/06	76.00	31.92	44.08	Facility
339	10005458	Fire Station 91 Construction Materials T	A	FIRE DEPARTMENT	08/21/06	60.00	25.20	34.80	Facility
340	10005459	Fire Station 91 Wiring Contract	A	FIRE DEPARTMENT	09/20/06	60.00	25.20	34.80	Facility
341	10005460	Fire Station 91 Sealy Posturpedic Kuleto	A	FIRE DEPARTMENT	09/19/06	1,614.00	677.88	936.12	Facility
342	10005461	Fire Station 91 Desk Lamps, Dry Erase Bd	A	FIRE DEPARTMENT	11/03/06	315.68	145.20	170.48	Facility
343	10005462	Fire Station 91 All Roofing Materials	A	FIRE DEPARTMENT	07/18/06	4,970.99	2,087.81	2,883.18	Facility
344	10005463	Fire Station 91 All Roofing Materials	A	FIRE DEPARTMENT	07/18/06	3,049.06	1,280.61	1,768.45	Facility
345	10005464	Fire Station 91 Drafting Fee/Shipping	A	FIRE DEPARTMENT	10/05/06	718.10	330.34	387.76	Facility
346	10005465	Fire Station 91 All Painting	A	FIRE DEPARTMENT	08/28/06	13.39	5.62	7.77	Facility
347	10005466	Fire Station 91 All Painting	A	FIRE DEPARTMENT	08/28/06	243.40	102.22	141.18	Facility
348	10005467	Fire Station 91 All Painting	A	FIRE DEPARTMENT	08/28/06	25.49	10.70	14.79	Facility
349	10005468	Fire Station 91 All Painting	A	FIRE DEPARTMENT	08/28/06	54.00	22.68	31.32	Facility
350	10005469	Fire Station 91 All Painting	A	FIRE DEPARTMENT	10/24/06	175.48	80.72	94.76	Facility
351	10005470	Fire Station 91 Survey Emergency Signal	A	FIRE DEPARTMENT	08/21/06	2,210.00	928.20	1,281.80	Facility
352	10005471	Fire Station 91 Survey Emergency Signal	A	FIRE DEPARTMENT	09/28/06	2,380.00	999.60	1,380.40	Facility
353	10005472	Fire Station 91 Mobile 3-Pack Bunker Gea	A	FIRE DEPARTMENT	09/12/06	4,512.00	1,895.04	2,616.96	Equipment
354	10005473	Fire Station 91 Shipping	A	FIRE DEPARTMENT	09/12/06	465.00	195.30	269.70	Facility
355	10005474	Fire Station 91 Installation Of Furnitur	A	FIRE DEPARTMENT	09/27/06	1,259.44	528.96	730.48	Facility
356	10005475	Fire Station 91 Architecture Design	A	FIRE DEPARTMENT	08/31/06	72.00	30.24	41.76	Facility
357	10005476	Fire Station 91 Architecture Design Serv	A	FIRE DEPARTMENT	08/29/06	132.00	55.44	76.56	Facility
358	10005477	Fire Station 91 Architecture Design Serv	A	FIRE DEPARTMENT	07/31/06	155.00	65.10	89.90	Facility
359	10005478	Fire Station 91 Architecture Design Serv	A	FIRE DEPARTMENT	07/24/06	76.00	31.92	44.08	Facility
360	10005479	Fire Station 91 Architecture Design Serv	A	FIRE DEPARTMENT	07/13/06	60.00	25.20	34.80	Facility
361	10005480	Fire Station 91 Furnishings	A	FIRE DEPARTMENT	09/28/06	2,862.84	1,202.40	1,660.44	Facility
362	10005481	Fire Station 91 Furnishings	A	FIRE DEPARTMENT	09/28/06	4,294.48	1,803.68	2,490.80	Facility
363	10005482	Fire Station 91 Furnishings	A	FIRE DEPARTMENT	09/20/06	572.22	240.33	331.89	Facility
364	10005483	Fire Station 91 Furnishings	A	FIRE DEPARTMENT	09/20/06	7,479.32	3,141.32	4,338.00	Facility

Table 7-2
City of Ormond Beach
Fire Services Impact Fee Feasibility Analysis

Fire Department Fixed Assets

Line No.	ASSET	DESCRIPTION	STATUS	LOCATION DESC	DATE ACQ	ACQ COST	CURR BOOK VAL	LTD ACCUM DEPR	Asset Category
365	10005484	Fire Station 91 Furnishings	A	FIRE DEPARTMENT	09/20/06	1,499.67	629.85	869.82	Facility
366	10005485	Fire Station 91 Furnishings	A	FIRE DEPARTMENT	08/29/06	302.91	127.21	175.70	Facility
367	10005486	Fire Station 91 Furnishings	A	FIRE DEPARTMENT	08/28/06	4,977.00	2,090.34	2,886.66	Facility
368	10005487	Fire Station 91 Furnishings - Appliances	A	FIRE DEPARTMENT	08/22/06	2,782.00	1,168.44	1,613.56	Facility
369	10005488	Fire Station 91 Furnishings - Art Work	A	FIRE DEPARTMENT	08/18/06	1,086.36	456.28	630.08	Facility
370	10005489	Fire Station 91 Construction	A	FIRE DEPARTMENT	09/30/06	220,113.82	92,447.81	127,666.01	Facility
371	10005490	Fire Station 91 Construction	A	FIRE DEPARTMENT	09/30/06	11,137.00	4,677.54	6,459.46	Facility
372	10005491	Fire Station 91 Computer Wiring Services	A	FIRE DEPARTMENT	09/19/06	60.00	25.20	34.80	Facility
373	10005492	Fire Station 91 Computer Wiring Services	A	FIRE DEPARTMENT	09/19/06	5,440.00	2,284.80	3,155.20	Facility
374	10005493	Fire Station 91 Paint	A	FIRE DEPARTMENT	09/13/06	602.70	253.13	349.57	Facility
375	10005494	Fire Station 91 Paint	A	FIRE DEPARTMENT	09/08/06	22.94	9.63	13.31	Facility
376	10005495	Fire Station 91 Design Services	A	FIRE DEPARTMENT	09/01/06	2,380.00	999.60	1,380.40	Facility
377	10005496	Fire Station 91 Construction	A	FIRE DEPARTMENT	08/31/06	22,930.00	9,630.60	13,299.40	Facility
378	10005497	Fire Station 91 Construction	A	FIRE DEPARTMENT	08/31/06	74,087.00	31,116.54	42,970.46	Facility
379	10005498	Fire Station 91 Building Supplies	A	FIRE DEPARTMENT	08/25/06	5,735.00	2,408.70	3,326.30	Facility
380	10005499	Fire Station 91 All Doors, Frames	A	FIRE DEPARTMENT	08/25/06	4,440.00	1,864.80	2,575.20	Facility
381	10005500	Fire Station 91 All Doors, Frames	A	FIRE DEPARTMENT	08/25/06	1,070.00	449.40	620.60	Facility
382	10005501	Fire Station 91 Plumbing Supplies	A	FIRE DEPARTMENT	08/21/06	1,391.33	584.37	806.96	Facility
383	10005502	Fire Station 91 Electrical Supplies	A	FIRE DEPARTMENT	08/21/06	273.46	114.85	158.61	Facility
384	10005503	Fire Station 91 Hvac Supplies	A	FIRE DEPARTMENT	08/08/06	1,056.00	443.52	612.48	Facility
385	10005504	Fire Station 91 Plumbing Supplies	A	FIRE DEPARTMENT	08/03/06	90.59	38.06	52.53	Facility
386	10005505	Fire Station 91 Plumbing Supplies	A	FIRE DEPARTMENT	08/01/06	3,333.26	1,399.97	1,933.29	Facility
387	10005506	Fire Station 91 Construction	A	FIRE DEPARTMENT	07/30/06	38,624.00	16,222.08	22,401.92	Facility
388	10005507	Fire Station 91 All Millwork	A	FIRE DEPARTMENT	07/21/06	4,061.00	1,705.62	2,355.38	Facility
389	10005508	Fire Station 91 Hvac Supplies	A	FIRE DEPARTMENT	07/14/06	120.00	50.40	69.60	Facility
390	10005509	Fire Station 91 Hvac Supplies	A	FIRE DEPARTMENT	07/13/06	5,566.00	2,337.72	3,228.28	Facility
391	10005510	Fire Station 91 Paint	A	FIRE DEPARTMENT	07/12/06	897.58	376.99	520.59	Facility
392	10005511	Fire Station 91 Paint	A	FIRE DEPARTMENT	07/12/06	18.50	7.77	10.73	Facility
393	10005512	Fire Station 91 Paint	A	FIRE DEPARTMENT	07/12/06	75.42	31.67	43.75	Facility
394	10005513	Fire Station 91 Paint	A	FIRE DEPARTMENT	07/12/06	25.49	10.70	14.79	Facility
395	10005514	Fire Station 91 Paint	A	FIRE DEPARTMENT	07/12/06	151.00	63.42	87.58	Facility
396	10005515	Fire Station 91 Paint	A	FIRE DEPARTMENT	07/12/06	13.39	5.62	7.77	Facility
397	10005516	Fire Station 91 Paint	A	FIRE DEPARTMENT	07/12/06	54.00	22.68	31.32	Facility
398	10005517	Fire Station 91 Paint	A	FIRE DEPARTMENT	07/12/07	513.90	236.38	277.52	Facility
399	10005518	Fire Station 91 Paint	A	FIRE DEPARTMENT	07/11/07	302.15	138.98	163.17	Facility
400	10005519	Fire Station 91 Design Services	A	FIRE DEPARTMENT	07/07/06	2,210.00	928.20	1,281.80	Facility
401	10005520	Fire Station 91 Electrical Supplies	A	FIRE DEPARTMENT	03/31/06	197.12	82.79	114.33	Facility
402	10005521	Fire Station 91 Building Supplies	A	FIRE DEPARTMENT	05/30/06	118.50	49.77	68.73	Facility
403	10005522	Fire Art Sculpture - Bronze - Artist: Sh	A	FIRE DEPARTMENT	08/17/06	15,000.00	15,000.00	0.00	Facility
404	10005526	Fire Art Sculpture - Bronze - Artist: Sh	A	FIRE DEPARTMENT	03/16/07	12,500.00	12,500.00	0.00	Facility
405	10005527	Fire Art Sculpture - Bronze - Artist: Sh	A	FIRE DEPARTMENT	01/17/08	12,500.00	12,500.00	0.00	Facility
406	10005528	Fire Art Sculpture Base Construction-Fa	A	FIRE DEPARTMENT	03/31/08	1,710.00	1,710.00	0.00	Facility
407	10005529	Fire Art Sculpture Electrical Work-Fa 91	A	FIRE DEPARTMENT	04/24/08	419.68	419.68	0.00	Facility
408	10005530	Fire Art Sculpture Electrical Work-Fa 91	A	FIRE DEPARTMENT	04/23/08	2.91	2.91	0.00	Facility
409	10005531	Fire Art Sculpture Electrical Work-Fa 91	A	FIRE DEPARTMENT	04/23/08	47.34	47.34	0.00	Facility
410	10005532	Fire Art Sculpture Electrical Work-Fa 91	A	FIRE DEPARTMENT	04/23/08	221.06	221.06	0.00	Facility
411	10005736	It-Fire Telestaff Software Fire Report P	A	FIRE DEPARTMENT	02/21/92	1,314.43	0.00	1,314.43	Equipment
412	10005737	It-Fire Telestaff Software/Posicheck Iii	A	FIRE DEPARTMENT	09/29/00	6,200.00	0.00	6,200.00	Equipment
413	10007152	Eqp Defibrillator-Heartstart Mrx Als Mon	A	FIRE DEPARTMENT	04/04/06	14,592.75	0.00	14,592.75	Equipment
414	10007153	Eqp Defibrillator-Heartstart Mrx Als Mon	A	FIRE DEPARTMENT	04/04/06	14,592.75	0.00	14,592.75	Equipment
415	10007154	Eqp Defibrillator-Heartstart Mrx Als Mon	A	FIRE DEPARTMENT	04/04/06	14,592.75	0.00	14,592.75	Equipment
416	10007220	2006 E-One Typhoon	A	FIRE DEPARTMENT	10/12/06	518,831.00	51,883.10	466,947.90	Vehicles

Table 7-2
City of Ormond Beach
Fire Services Impact Fee Feasibility Analysis

Fire Department Fixed Assets

Line No.	ASSET	DESCRIPTION	STATUS	LOCATION DESC	DATE ACQ	ACQ COST	CURR BOOK VAL	LTD ACCUM DEPR	Asset Category
417	10007457	1969 General Cargo	A	FIRE DEPARTMENT	08/10/98	2,000.00	0.00	2,000.00	Vehicles
418	10007460	Gen 00 Katolight D35Fgj4 (Fs 93) Generat	A	FIRE DEPARTMENT	03/17/00	14,859.00	0.00	14,859.00	Equipment
419	10007466	Eqp Heartstart Mrx Als Monitor/Cardiac D	A	FIRE DEPARTMENT	07/06/05	14,581.20	0.00	14,581.20	Equipment
420	10007467	Eqp Heartstart Mrx Als Monitor/Cardiac D	A	FIRE DEPARTMENT	07/06/05	14,581.20	0.00	14,581.20	Equipment
421	10007468	Eqp Heartstart Mrx Als Monitor/Cardiac D	A	FIRE DEPARTMENT	07/06/05	14,581.20	0.00	14,581.20	Equipment
422	10007469	Eqp Msa-5200 Thermal Imaging Camera	A	FIRE DEPARTMENT	09/21/05	8,750.00	0.00	8,750.00	Equipment
423	10007470	Eqp Msa-5200 Thermal Imaging Camera	A	FIRE DEPARTMENT	09/21/05	8,750.00	0.00	8,750.00	Equipment
424	10007471	Eqp Msa-5200 Thermal Imaging Camera	A	FIRE DEPARTMENT	09/30/05	8,750.00	0.00	8,750.00	Equipment
425	10007472	Eqp Msa-5200 Thermal Imaging Camera	A	FIRE DEPARTMENT	09/30/05	8,750.00	0.00	8,750.00	Equipment
426	10007473	Eqp Msa-5200 Thermal Imaging Camera	A	FIRE DEPARTMENT	09/30/05	8,750.00	0.00	8,750.00	Equipment
427	10007475	Eqp Heartstart Mrx Als Monitor/Cardiac D	A	FIRE DEPARTMENT	07/06/05	14,581.20	0.00	14,581.20	Equipment
428	10007476	Gen 06 Cummins 64 Kw Generator	A	FIRE DEPARTMENT	08/09/06	26,210.94	873.70	25,337.24	Equipment
429	10007480	Eqp 03 Waterous 204A Diesel Water Pump(F	A	FIRE DEPARTMENT	04/28/03	11,198.75	0.00	11,198.75	Equipment
430	10007629	Eqp Msa-5200 Thermal Imaging Camera	A	FIRE DEPARTMENT	01/02/03	9,700.00	0.00	9,700.00	Equipment
431	10007647	Veh 08 Chevy Silverado	A	FIRE DEPARTMENT	07/07/08	19,738.01	0.00	19,738.01	Vehicles
432	10007785	Fire Equipment	A	FIRE DEPARTMENT	09/30/10	73,895.15	0.00	73,895.15	Equipment
433	10007850	2011 Pierce Ladder	A	FIRE DEPARTMENT	09/30/10	429,970.00	128,990.99	300,979.01	Vehicles
434	10007880	Fema Fire Assistance	A	FIRE DEPARTMENT	09/30/11	58,696.84	0.00	58,696.84	Other
435	10007882	Fire Equipment Grant	A	FIRE DEPARTMENT	09/30/11	13,019.78	0.00	13,019.78	Other
436	10007887	Fire Station 91 Frr - Hvac	A	FIRE DEPARTMENT	09/30/11	10,850.00	6,727.00	4,123.00	Facility
437	10007903	Tahoe	A	FIRE DEPARTMENT	09/30/11	31,152.00	0.00	31,152.00	Vehicles
438	10007904	Genset Station 94	A	FIRE DEPARTMENT	09/30/11	32,457.11	11,900.93	20,556.18	Facility
439	10007905	2011 Chevy Tahoe	A	FIRE DEPARTMENT	09/30/11	24,139.00	0.00	24,139.00	Vehicles
440	10008265	2014 Ford Explorer	A	FIRE DEPARTMENT	09/30/14	24,899.00	0.00	24,899.00	Vehicles
441	10008339	Msa-Scba-G1 Respirators	A	FIRE DEPARTMENT	09/30/15	6,434.76	0.00	6,434.76	Equipment
442	10008340	Msa-Scba-G1 Respirators	A	FIRE DEPARTMENT	09/30/15	6,434.76	0.00	6,434.76	Equipment
443	10008341	Msa-Scba-G1 Respirators	A	FIRE DEPARTMENT	09/30/15	6,434.76	0.00	6,434.76	Equipment
444	10008342	Msa-Scba-G1 Respirators	A	FIRE DEPARTMENT	09/30/15	6,434.76	0.00	6,434.76	Equipment
445	10008343	Msa-Scba-G1 Respirators	A	FIRE DEPARTMENT	09/30/15	6,434.76	0.00	6,434.76	Equipment
446	10008344	Msa-Scba-G1 Respirators	A	FIRE DEPARTMENT	09/30/15	6,434.76	0.00	6,434.76	Equipment
447	10008345	Msa-Scba-G1 Respirators	A	FIRE DEPARTMENT	09/30/15	6,434.76	0.00	6,434.76	Equipment
448	10008346	Msa-Scba-G1 Respirators	A	FIRE DEPARTMENT	09/30/15	6,434.76	0.00	6,434.76	Equipment
449	10008347	Msa-Scba-G1 Respirators	A	FIRE DEPARTMENT	09/30/15	6,434.76	0.00	6,434.76	Equipment
450	10008348	Msa-Scba-G1 Respirators	A	FIRE DEPARTMENT	09/30/15	6,434.76	0.00	6,434.76	Equipment
451	10008349	Msa-Scba-G1 Respirators	A	FIRE DEPARTMENT	09/30/15	6,434.76	0.00	6,434.76	Equipment
452	10008350	Msa-Scba-G1 Respirators	A	FIRE DEPARTMENT	09/30/15	6,434.76	0.00	6,434.76	Equipment
453	10008351	Msa-Scba-G1 Respirators	A	FIRE DEPARTMENT	09/30/15	6,434.76	0.00	6,434.76	Equipment
454	10008352	Msa-Scba-G1 Respirators	A	FIRE DEPARTMENT	09/30/15	6,434.76	0.00	6,434.76	Equipment
455	10008353	Msa-Scba-G1 Respirators	A	FIRE DEPARTMENT	09/30/15	6,434.76	0.00	6,434.76	Equipment
456	10008354	Msa-Scba-G1 Respirators	A	FIRE DEPARTMENT	09/30/15	6,434.76	0.00	6,434.76	Equipment
457	10008355	Msa-Scba-G1 Respirators	A	FIRE DEPARTMENT	09/30/15	6,434.76	0.00	6,434.76	Equipment
458	10008356	Msa-Scba-G1 Respirators	A	FIRE DEPARTMENT	09/30/15	6,434.76	0.00	6,434.76	Equipment
459	10008357	Msa-Scba-G1 Respirators	A	FIRE DEPARTMENT	09/30/15	6,434.76	0.00	6,434.76	Equipment
460	10008358	Msa-Scba-G1 Respirators	A	FIRE DEPARTMENT	09/30/15	6,434.76	0.00	6,434.76	Equipment
461	10008359	Msa-Scba-G1 Respirators	A	FIRE DEPARTMENT	09/30/15	6,434.76	0.00	6,434.76	Equipment
462	10008360	Msa-Scba-G1 Respirators	A	FIRE DEPARTMENT	09/30/15	6,434.76	0.00	6,434.76	Equipment
463	10008361	Msa-Scba-G1 Respirators	A	FIRE DEPARTMENT	09/30/15	6,434.76	0.00	6,434.76	Equipment
464	10008362	Msa-Scba-G1 Respirators	A	FIRE DEPARTMENT	09/30/15	6,434.76	0.00	6,434.76	Equipment
465	10008363	Msa-Scba-G1 Respirators	A	FIRE DEPARTMENT	09/30/15	6,434.76	0.00	6,434.76	Equipment
466	10008364	Msa-Scba-G1 Respirators	A	FIRE DEPARTMENT	09/30/15	6,434.76	0.00	6,434.76	Equipment
467	10008365	Msa-Scba-G1 Respirators	A	FIRE DEPARTMENT	09/30/15	6,434.76	0.00	6,434.76	Equipment
468	10008366	Msa-Scba-G1 Respirators	A	FIRE DEPARTMENT	09/30/15	6,434.76	0.00	6,434.76	Equipment

Table 7-2
City of Ormond Beach
Fire Services Impact Fee Feasibility Analysis

Fire Department Fixed Assets

Line No.	ASSET	DESCRIPTION	STATUS	LOCATION DESC	DATE ACQ	ACQ COST	CURR BOOK VAL	LTD ACCUM DEPR	Asset Category
469	10008416	2015 Pumper	A	FIRE DEPARTMENT	09/30/15	343,606.00	217,617.12	125,988.88	Vehicles
470	10008443	Afg 2014	A	FIRE DEPARTMENT	09/30/16	22,801.00	2,280.10	20,520.90	Facility
471	10008450	Fs93 Roof Repl	A	FIRE DEPARTMENT	09/30/16	72,837.00	50,985.90	21,851.10	Facility
472	20000061	CARDIAC MONITORS	A	FIRE DEPARTMENT	08/28/17	44,892.61	17,208.84	27,683.77	Equipment
473	20000062	CARDIAC MONITORS	A	FIRE DEPARTMENT	08/28/17	28,595.26	8,578.58	20,016.68	Equipment
474	20000063	CARDIAC MONITORS	A	FIRE DEPARTMENT	08/28/17	28,595.26	8,578.58	20,016.68	Equipment
475	20000064	CARDIAC MONITORS	A	FIRE DEPARTMENT	08/28/17	28,595.26	8,578.58	20,016.68	Equipment
476	20000065	CARDIAC MONITORS	A	FIRE DEPARTMENT	08/28/17	28,595.26	8,578.58	20,016.68	Equipment
477	20000098	WASHER EXTRACTOR STATION 92	A	FIRE DEPARTMENT	09/30/17	9,645.17	3,697.32	5,947.85	Facility
478	20000121	2018 FORD F250 4X4 CREW CAB PICK UP	A	FIRE DEPARTMENT	07/17/18	56,327.73	28,889.60	27,438.13	Vehicles
479	20000168	2018 PIERCE SABER	A	FIRE DEPARTMENT	04/30/18	381,073.00	317,560.83	63,512.17	Vehicles
480	20000180	REPLACE ROOF FIRE STATION 94	A	FIRE DEPARTMENT	09/28/18	24,800.00	20,666.67	4,133.33	Facility
481	20000316	FIRE STATION EXTRICTION	A	FIRE DEPARTMENT	03/24/20	32,720.04	32,065.64	654.40	Facility
482	20000357	5 TON HEAT PUMP*FIRE HOUSE 92 S NOVA RD	A	FIRE DEPARTMENT	04/21/20	5,230.00	5,055.67	174.33	Facility
483	Grand Total					<u>\$8,213,671.23</u>	<u>\$2,957,602.91</u>	<u>\$5,256,068.54</u>	

	Description	Original Cost
484	Equipment	\$656,223.25
485	Vehicles	2,402,547.94
486	Facility	5,076,563.02
487	Other	78,337.02
488	Total	<u>\$8,213,671.23</u>

Select Year: 2021 ▼ Go

The 2021 Florida Statutes

Title XI	Chapter 163	View Entire Chapter
COUNTY ORGANIZATION AND INTERGOVERNMENTAL RELATIONS	INTERGOVERNMENTAL PROGRAMS	
163.31801 Impact fees; short title; intent; minimum requirements; audits; challenges.—		
(1) This section may be cited as the “Florida Impact Fee Act.”		
(2) The Legislature finds that impact fees are an important source of revenue for a local government to use in funding the infrastructure necessitated by new growth. The Legislature further finds that impact fees are an outgrowth of the home rule power of a local government to provide certain services within its jurisdiction. Due to the growth of impact fee collections and local governments’ reliance on impact fees, it is the intent of the Legislature to ensure that, when a county or municipality adopts an impact fee by ordinance or a special district adopts an impact fee by resolution, the governing authority complies with this section.		
(3) For purposes of this section, the term:		
(a) “Infrastructure” means a fixed capital expenditure or fixed capital outlay, excluding the cost of repairs or maintenance, associated with the construction, reconstruction, or improvement of public facilities that have a life expectancy of at least 5 years; related land acquisition, land improvement, design, engineering, and permitting costs; and other related construction costs required to bring the public facility into service. The term also includes a fire department vehicle, an emergency medical service vehicle, a sheriff’s office vehicle, a police department vehicle, a school bus as defined in s. 1006.25 , and the equipment necessary to outfit the vehicle or bus for its official use. For independent special fire control districts, the term includes new facilities as defined in s. 191.009(4) .		
(b) “Public facilities” has the same meaning as in s. 163.3164 and includes emergency medical, fire, and law enforcement facilities.		
(4) At a minimum, each local government that adopts and collects an impact fee by ordinance and each special district that adopts, collects, and administers an impact fee by resolution must:		
(a) Ensure that the calculation of the impact fee is based on the most recent and localized data.		
(b) Provide for accounting and reporting of impact fee collections and expenditures and account for the revenues and expenditures of such impact fee in a separate accounting fund.		
(c) Limit administrative charges for the collection of impact fees to actual costs.		
(d) Provide notice at least 90 days before the effective date of an ordinance or resolution imposing a new or increased impact fee. A local government is not required to wait 90 days to decrease, suspend, or eliminate an impact fee. Unless the result is to reduce the total mitigation costs or impact fees imposed on an applicant, new or increased impact fees may not apply to current or pending permit applications submitted before the effective date of a new or increased impact fee.		
(e) Ensure that collection of the impact fee may not be required to occur earlier than the date of issuance of the building permit for the property that is subject to the fee.		
(f) Ensure that the impact fee is proportional and reasonably connected to, or has a rational nexus with, the need for additional capital facilities and the increased impact generated by the new residential or commercial construction.		
(g) Ensure that the impact fee is proportional and reasonably connected to, or has a rational nexus with, the expenditures of the funds collected and the benefits accruing to the new residential or nonresidential		

construction.

(h) Specifically earmark funds collected under the impact fee for use in acquiring, constructing, or improving capital facilities to benefit new users.

(i) Ensure that revenues generated by the impact fee are not used, in whole or in part, to pay existing debt or for previously approved projects unless the expenditure is reasonably connected to, or has a rational nexus with, the increased impact generated by the new residential or nonresidential construction.

(5)(a) Notwithstanding any charter provision, comprehensive plan policy, ordinance, development order, development permit, or resolution, the local government or special district must credit against the collection of the impact fee any contribution, whether identified in a proportionate share agreement or other form of exaction, related to public facilities or infrastructure, including land dedication, site planning and design, or construction. Any contribution must be applied on a dollar-for-dollar basis at fair market value to reduce any impact fee collected for the general category or class of public facilities or infrastructure for which the contribution was made.

(b) If a local government or special district does not charge and collect an impact fee for the general category or class of public facilities or infrastructure contributed, a credit may not be applied under paragraph (a).

(6) A local government, school district, or special district may increase an impact fee only as provided in this subsection.

(a) An impact fee may be increased only pursuant to a plan for the imposition, collection, and use of the increased impact fees which complies with this section.

(b) An increase to a current impact fee rate of not more than 25 percent of the current rate must be implemented in two equal annual increments beginning with the date on which the increased fee is adopted.

(c) An increase to a current impact fee rate which exceeds 25 percent but is not more than 50 percent of the current rate must be implemented in four equal installments beginning with the date the increased fee is adopted.

(d) An impact fee increase may not exceed 50 percent of the current impact fee rate.

(e) An impact fee may not be increased more than once every 4 years.

(f) An impact fee may not be increased retroactively for a previous or current fiscal or calendar year.

(g) A local government, school district, or special district may increase an impact fee rate beyond the phase-in limitations established under paragraph (b), paragraph (c), paragraph (d), or paragraph (e) by establishing the need for such increase in full compliance with the requirements of subsection (4), provided the following criteria are met:

1. A demonstrated-need study justifying any increase in excess of those authorized in paragraph (b), paragraph (c), paragraph (d), or paragraph (e) has been completed within the 12 months before the adoption of the impact fee increase and expressly demonstrates the extraordinary circumstances necessitating the need to exceed the phase-in limitations.

2. The local government jurisdiction has held not less than two publicly noticed workshops dedicated to the extraordinary circumstances necessitating the need to exceed the phase-in limitations set forth in paragraph (b), paragraph (c), paragraph (d), or paragraph (e).

3. The impact fee increase ordinance is approved by at least a two-thirds vote of the governing body.

(h) This subsection operates retroactively to January 1, 2021.

(7) If an impact fee is increased, the holder of any impact fee credits, whether such credits are granted under s. 163.3180, s. 380.06, or otherwise, which were in existence before the increase, is entitled to the full benefit of the intensity or density prepaid by the credit balance as of the date it was first established.

(8) A local government, school district, or special district must submit with its annual financial report required under s. 218.32 or its financial audit report required under s. 218.39 a separate affidavit signed by its chief financial officer or, if there is no chief financial officer, its executive officer attesting, to the best of his or her knowledge, that all impact fees were collected and expended by the local government, school district, or special district, or were collected and expended on its behalf, in full compliance with the spending period provision in the local ordinance or resolution, and that funds expended from each impact fee account were used only to acquire, construct, or improve specific infrastructure needs.

(9) In any action challenging an impact fee or the government's failure to provide required dollar-for-dollar credits for the payment of impact fees as provided in s. 163.3180(6)(h)2.b., the government has the burden of proving by a preponderance of the evidence that the imposition or amount of the fee or credit meets the requirements of state legal precedent and this section. The court may not use a deferential standard for the benefit of the government.

(10) Impact fee credits are assignable and transferable at any time after establishment from one development or parcel to any other that is within the same impact fee zone or impact fee district or that is within an adjoining impact fee zone or impact fee district within the same local government jurisdiction and which receives benefits from the improvement or contribution that generated the credits. This subsection applies to all impact fee credits regardless of whether the credits were established before or after June 4, 2021.

(11) A county, municipality, or special district may provide an exception or waiver for an impact fee for the development or construction of housing that is affordable, as defined in s. 420.9071. If a county, municipality, or special district provides such an exception or waiver, it is not required to use any revenues to offset the impact.

(12) This section does not apply to water and sewer connection fees.

(13) In addition to the items that must be reported in the annual financial reports under s. 218.32, a local government, school district, or special district must report all of the following information on all impact fees charged:

(a) The specific purpose of the impact fee, including the specific infrastructure needs to be met, including, but not limited to, transportation, parks, water, sewer, and schools.

(b) The impact fee schedule policy describing the method of calculating impact fees, such as flat fees, tiered scales based on number of bedrooms, or tiered scales based on square footage.

(c) The amount assessed for each purpose and for each type of dwelling.

(d) The total amount of impact fees charged by type of dwelling.

(e) Each exception and waiver provided for construction or development of housing that is affordable.

History.—s. 9, ch. 2006-218; s. 1, ch. 2009-49; s. 5, ch. 2009-96; s. 5, ch. 2011-14; s. 1, ch. 2011-149; s. 1, ch. 2019-106; s. 5, ch. 2019-165; s. 5, ch. 2020-27; s. 1, ch. 2020-58; ss. 1, 2, ch. 2021-63.

August 12, 2022

Mr. Steven Spraker
Planning Director
City of Ormond Beach
22 South Beach Street, Room 104
Ormond Beach, FL 32175

Subject: Impact Fee Update Additional Services – Police and Fire Impact Fee Analyses

Dear Mr. Spraker:

Raftelis Financial Consultants, Inc. (“Raftelis”) was retained by the City of Ormond Beach (the “City”) to complete a connection fee and impact fee update study (the “Study”) pursuant to RFP#2021-08R and based on the terms of a professional services agreement dated May 18, 2021. The terms of the agreement provided for the completion of specific tasks including an impact fee feasibility analysis for the City’s police and fire departments. Other tasks in the agreement included a review and update of the City’s existing water and wastewater connections fees, stormwater impact fees, parks and recreation impact fees, and transportation impact fees. Based on the results and recommendations of this feasibility analysis the City desires to pursue the development and implementation of these impact fees. At the City’s request we have prepared an agreement amendment (the “Amendment”) to provide these additional services as set forth herein.

A summary of the proposed additional activities for this amendment include:

- Follow-up data request and related data gathering and compilation activities in support of the development of the police and fire impact fee calculations and analyses
- Development of detailed cost analyses based on asset and capital data provided and reviewed during the feasibility analysis
- Analysis of calls for service data to develop residential and nonresidential allocation factors for each department
- Discussions with the project team and City Staff to explore and determine non-residential property categories for impact fee application
- Development of functional population coefficients for residential and nonresidential property categories to use in fee calculations and application
- Development of proposed residential and nonresidential police and fire impact fees
- Police and fire residential impact fee comparisons and select nonresidential impact fee comparisons with neighboring communities
- Assist in the review of draft ordinances prepared by the City Attorney for fee adoption and implementation
- Development of briefing document materials and report sections on fee analyses and recommendations
- Up to two (2) virtual meetings with City Staff to review and discuss proposed fee analysis and major assumptions (one meeting for the nonresidential property type discussion listed above and one meeting to review and discuss proposed fees with the City)
- Up to three (3) onsite meetings to present the results of the analysis to the City Commission.

With these additional services, the original budget is proposed to be revised as summarized below:

Original Budget	\$99,445
Additional Services Amendment	\$31,555
Revised Budget	\$131,000

A detailed listing of the hourly billing rates is shown in Attachment A and a detailed cost estimate for these additional services has been provided in Attachment B as a part of this Amendment.

We appreciate your consideration of the approval of this contract amendment. If this is acceptable, please indicate with the authorized signature at the bottom of this letter. We very much appreciate being able to serve the City on this important engagement. Please do not hesitate to contact me with any questions at 407-960-1811 or ahairston@raftelis.com.

Sincerely,

RAFTELIS FINANCIAL CONSULTANTS, INC.



Tony Hairston
Vice President

Approved by,

City of Ormond Beach Florida, Florida

Signature

Title

Date

ATTACHMENT A

SCHEDULE OF DIRECT LABOR HOURLY RATES AND STANDARD COST RATES

DIRECT LABOR HOURLY RATES

Project Team Title	Direct Labor Hourly Rates [*]
Executive Vice President	\$260.00
Vice President	\$250.00
Senior Manager	\$215.00
Manager	\$195.00
Senior Consultant	\$165.00
Consultant	\$145.00
Associate	\$100.00
Administrative	\$ 80.00

[*] Direct labor hourly rates effective twelve months after the date of execution of the Agreement; rates will be adjusted by not more than the net percentage change (but not less than 0%) in the Consumer Price Index – Urban Consumers per annum (rounded to the nearest dollar) or as mutually agreed between parties for invoices rendered after each anniversary date of each year thereafter until project completion or termination of the Agreement between the parties.

STANDARD COST RATES

Expense Description	Standard Rates [*]
Mileage Allowance – Personal Car Use Only	IRS Standard Mileage Rate
Reproduction (Black and White) (In-House)	\$0.05 per Page
Reproduction (Color) (In-House)	\$0.25 per Page
Reproduction (Contracted)	Actual Cost
Computer Time	\$0.00 per Hour
Telephone Charges	Actual Cost
Delivery Charges	Actual Cost
Lodging/Other Travel Costs	Actual Cost
Meals	Not-to-Exceed per Employee: \$8.00 – Breakfast \$12.00 – Lunch \$25.00 – Dinner
Subconsultant Services	Actual Cost plus 5.0%
Other Costs for Services Rendered	Actual Cost

[*] Standard cost rates effective twelve months after the date of execution of the Agreement; where applicable, rates will be adjusted by not more than the net percentage change (but not less than 0%) in the Consumer Price Index – Urban Consumers per annum (rounded to the nearest dollar) or as mutually agreed between parties for invoices rendered after each anniversary date of each year thereafter until project completion or termination of the Agreement between the parties. Any Standard Rate adopted by policy by Client will be substituted for the rates shown above.

ATTACHMENT B

RAFTELIS FINANCIAL CONSULTANTS, INC.

COST ESTIMATE TO PREPARE POLICE AND FIRE IMPACT FEE CALCULATION ANALYSIS

Line No.	Activity	Vice President	Manager	Associate	Administrative	Totals
1	Project Billing Rates (\$/Hr.)	\$250.00	\$195.00	\$100.00	\$80.00	
2	Data Acquisition and Review	2.0	4.0	9.0	2.0	17
3	Cost Allocation and Application Factor Development	2.0	8.0	20.0	0.0	30
4	Design of Impact Fees	2.0	6.0	24.0	0.0	32
5	Fee Comparisons	0.0	2.0	8.0	0.0	10
6	Review of Impact Fee Ordinance	8.0	16.0	4.0	0.0	28
7	Council Presentation Document Preparation	2.0	4.0	8.0	3.0	17
8	Report Sections Preparation	2.0	4.0	8.0	8.0	22
9	Virtual Meeting Allowance (Recognition of 2 Virtual Meetings)	2.0	2.0	2.0	0.0	6
10	Onsite Meetings / Presentations x 3	12.0	12.0	0.0	0.0	24
11	Project Management	4.0	8.0	0.0	2.5	15
12	Total Project Hours	36.0	66.0	83.0	15.5	200.5
13	Total Direct Labor Cost	\$ 9,000	\$ 12,870	\$ 8,300	\$ 1,240	\$ 31,410
14	Average Hourly Billing Rate					\$ 156.66
<u>Allowance for Other Direct Costs</u>						
15	Miscellaneous Expense Allowance (Copies, Delivery Charges, Travel, etc.) and Rounding					\$145.00
16	Total Allowance for Direct Costs					\$ 145.00
17	Total Estimated Project Cost					\$ 31,555