



DRAFT
MEETING MINUTES
CITY OF FORT LAUDERDALE
INFRASTRUCTURE TASK FORCE ADVISORY COMMITTEE
THURSDAY, OCTOBER 6, 2022 – 2:00 P.M. TO 5:00 P.M.

CITY OF FORT LAUDERDALE

January-December 2022

Attendance

Marilyn Mammano, Chair	P	7	0
Peter Partington, Vice Chair	A	4	3
Gerald Angeli	P	6	1
Shane Grabski	P	4	3
James LaBrie	P	7	0
Michael Marshall	A	4	3
Roosevelt Walters	P	5	2
Ralph Zeltman	P	7	0

As of this date, there are 8 appointed members to the Committee, which means 5 would constitute a quorum.

Staff

- Alan Dodd, Director of Public Works
- Chris Bennett, Assistant Director of Public Works
- Omar Castellon, Assistant Director of Public Works – Engineering
- Patricia Jolly, Senior Administrative Assistant
- Sylejman Ujkani, Program Manager
- Pauline Ricketts, Senior Administrative Assistant
- Greg Chavarria, City Manager
- Susan Grant, Assistant City Manager/Finance Director
- Carla Blair, Recording Secretary, Prototype, Inc.

Communication to the City Commission

None.

1. Call to Order

i. Roll Call

Chair Mammano called the meeting to order at 2:10 p.m. Roll was called and it was noted a quorum was present.

ii. Approval of Agenda

Motion made by Mr. Walters, seconded by Mr. Zeltman, to approve. In a voice vote, the **motion** passed unanimously.

iii. Approval of Previous Meeting Minutes – September 12, 2022

Motion made by Mr. Walters, seconded by Mr. Zeltman, to approve as written. In a voice vote, the **motion** passed unanimously.

2. Old Business

i. Update on review of public records draft comprehensive agreement on P3

Chair Mammano asked if the draft comprehensive agreement provided to the Committee members two weeks prior has been amended since that time. Omar Castellon, Assistant Director of Public Works (Engineering), confirmed that there have been changes, with comments provided by the City's legal and technical teams.

Chair Mammano observed that it may be difficult for the Committee to provide feedback on the comprehensive agreement when they do not know whether or not their comments will be relevant. Mr. Walters advised that the members would need to see a draft of the agreement in which comments have either been accepted or rejected. Mr. Castellon added that Staff has made many of the same comments as the Committee members thus far. Mr. Walters suggested that the Committee authorize the Chair, and perhaps one other member, to review the final document in lieu of a full meeting of the membership.

Mr. LaBrie stated that many of his comments had been questions, which the Staff members present may be able to clarify at today's meeting. Chair Mammano suggested that they begin by discussing general impressions and unanswered questions rather than reviewing the document line-by-line.

Mr. Walters explained that his concerns were for the content of the agreement as well as with the process used to select the private entity for the public-private partnership (P3). Chair Mammano commented that the comprehensive agreement represents the final step in this process, and noted that the City Commission has specific options: they may accept, modify, or reject the agreement that comes before them.

Chair Mammano requested clarification of what would happen if the City Commission rejects the agreement. Public Works Director Alan Dodd asserted that there would be no financial liability to the City if they fail to come to terms with the private entity. That entity would take the drawings and other documents they have prepared with them if an agreement cannot be reached.

Mr. Zeltman stated that he had not found the agreement to be a comprehensive document. He felt it should focus more closely on sections that ensure both participants in the project have a clear understanding of their responsibilities,. He also emphasized the need to ensure that the function or process is clearly identified and concise, with

clear identification of what comprises success for the partnership. He concluded that the final document will need to be “more definitive” than the draft agreement he had reviewed, identifying the goals and functions of each participant.

Mr. Dodd advised that the concerns expressed thus far by the Committee members have also been raised by Staff. He pointed out that the agreement includes a number of specific provisions clarifying what is being built, which party is responsible for it, and how it will be both built and operated. Staff continues to work with the private entity’s legal team to define these provisions before the agreement is ready to go before the City Commission. He emphasized that the agreement is still under negotiation, and noted that the October 18, 2022 deadline presents an aggressive timeline in which recommendations must be made.

Chair Mammano addressed the annexes to the document, requesting additional information on the labor agreement in particular. While the employees working in the proposed facility will be City employees, the managers on-site will represent the private entity. Mr. Dodd explained that the labor services agreement is still being negotiated with an external law firm in order to clarify the details of how this employment structure would work. While the City employees will be required to follow City procedures and regulations, the overall operation of the facility would be overseen through the private entity, which would direct when maintenance will be done and other requirements. The City is still working to determine the balance of these responsibilities. Mr. Dodd concluded that the labor agreement is not yet available for review.

Mr. LaBrie observed that much of the document seemed like a boilerplate agreement to him, with most of his questions occurring in the first 20 to 30 pages. He did not feel the document would be ready for presentation to the City Commission by October 18.

Mr. Grabski advised that most of his questions dealt with technical aspects of the comprehensive agreement, and he did not wish to belabor the discussion, as much of the document is subject to change.

Mr. Angeli addressed the project’s schedule, pointing out that the draft document states if the project does not begin within 18 months of its target date, there would be ramifications for the partners. He asked if the schedule includes specific milestones and dates, and what might happen if a milestone has not been achieved by its target date.

Mr. LaBrie agreed, also requesting clarification of how the project would be kept on track if a milestone is missed. It was clarified that once a certain point in the process has been reached and the private entity is given notice to proceed, they have a set time frame in which they must deliver the project; however, the schedule inside that time frame is the full responsibility of the private entity.

Mr. Angeli stated that he had similar concerns regarding the funding of the project, including inflation and supply chain issues. He asked what controls are included in the

comprehensive agreement's annexes which require the private entity to purchase materials that may be affected by these concerns. Mr. Dodd replied that the agreement does not state the private entity must buy these materials; however, it states that when the City signs the agreement, the private entity assumes risk if they do not purchase these items, as their prices may continue to increase. This is reflected throughout the comprehensive agreement.

Mr. Walters observed that change orders are anticipated with a project of this magnitude, and asked how these will affect the project's timeline. Mr. Dodd stated that the agreement will include a formal change order process which will outline how change orders are identified and their value determined.

Mr. Dodd continued that the agreement will also address "compensatable" events or delays, such as major storms. These delays will not fall solely on either partner, as they would be outside both partners' control. The agreement will define what these events might be, as well as whether they might result in the private entity being allowed more time or more money and what risks would be the responsibility of the private partner.

Chair Mammano stated that she shared Mr. LaBrie's concern that the comprehensive agreement may not be ready for Commission approval by October 18. She felt there was a lack of clarity regarding which entity is responsible for specific requirements, as well as the penalties if these responsibilities are not met. She suggested that there should be other solutions in place in order to keep the project moving forward.

Mr. Dodd noted that the Committee received the draft document only one day after it was received by Staff. He added that the draft was crafted by legal teams and had not yet been subject to review by technical and professional Staff, many of whom have since expressed the same concerns as the Committee members. He characterized the draft agreement as a starting point which was "far from what the final agreement needs to be."

Chair Mammano recalled that when the Committee first began discussing the agreement, their concerns had focused on ownership of the project and water quality. She pointed out that the draft agreement does not acknowledge that the City would be responsible for supplying the facility with water of a specific level of quality over the next 30 years.

Chair Mammano continued that the agreement suggests the City would be paying for 50 million gallons of water every day whether or not this full amount is used. Mr. Dodd confirmed that this is true. Chair Mammano asserted that the calculation of the availability payment is "incredibly opaque" and does not appear to have any relationship to the rights to that water.

Mr. Dodd explained that there are two parts to the availability payment: it includes payback for the initial costs of building the plant, as well as an amount over the course

of 30 years to pay for operations and repairs for the plant. The availability payment does not include the costs of electricity or chemicals, both of which are variables subject to change, depending upon how much water is being produced. The amount of maintenance and repairs required by the plant will be consistent over the 30-year time frame, irrespective of how many gallons the plant produces every day. This figure will be based on a known amount of capital costs the City will be investing in the facility, as well as the expected maintenance and repairs over the 30-year time frame.

Mr. Dodd continued that the agreement also includes a separate bill for electricity and chemicals. The City will forecast, several months in advance, how much they will need to use, recognizing that water use is higher at some times of the year than others. The private partner will be asked to maintain the City's water tanks at a certain level at all times. Based on this production, the City will pay for more or less chemicals and electricity.

Chair Mammano asked if the payment on bonds, which the City will have to raise, is also included in the availability payment. Mr. Dodd replied that this is not included. The bond payment will be determined through the rate model. He recalled that the Committee discussed this at their September 12, 2022 meeting, as the model projected the rate increase over the next 10 years.

Chair Mammano expressed concern that it is very difficult to determine how much the project will cost the City, as so many variables seem to be open-ended. She felt there is little clarity to the specific components and costs of the agreement as stated in the document.

Mr. Walters asked if there would be a public hearing to discuss the proposed agreement, which would estimate what residents and users will be asked to pay. Mr. Dodd stated that the City Commission will ask for the total cost of what they are expected to approve, and Staff must be able to explain this with a greater degree of certainty than what is currently reflected in the draft agreement. He advised that this discussion is likely to occur in conjunction with a City Commission meeting, with the standard public notice provided for those meetings. He was not certain at this time whether this might be on October 18, as originally intended, or later in the year.

Mr. Walters expressed concern that including this discussion as part of a City Commission meeting could mean the public may not clearly understand what they are being asked to pay. Chair Mammano asked if it might be more appropriate to schedule this discussion for a City Commission Conference Agenda meeting, as it is important for the public to understand the components of the proposed agreement. Mr. Dodd replied that due to the timeline for the agreement, he did not know whether or not the City Manager might place this item on a Conference Agenda meeting; however, he agreed that there should be more discussion before the public regarding what the agreement contains and the City's responsibilities.

Mr. LaBrie suggested that the Committee consider sending a memorandum to the City Commission and the City Manager to express their concerns with the agreement and how it should be addressed with the public. Chair Mammano advised that the only way to proceed at this point would be for each Committee member to reach out to their individual Commissioners. She suggested, however, that it could be useful to reach out to the City Manager during today's meeting. Mr. Dodd agreed to attempt to contact the City Manager's Office to determine whether or not he was available at this time.

Chair Mammano added that she would not be available to attend the October 18 City Commission meeting, and encouraged another member of the Committee to attend the meeting and represent its concerns.

The members returned to their concerns with the draft agreement, with Chair Mammano addressing the City's access to the field office as outlined in the document. She asked if the field office would be accessible from a public right-of-way, as well as whether or not Staff has concerns regarding the limitations on their access to this office. Mr. Dodd advised that the field office will belong to the private entity, which will construct and operate that office. The City's responsibility will be to allow the field office to connect to water and wastewater at the site.

Mr. Dodd continued that if the City wishes to bring other people into the field office, they are asked to coordinate with the private entity ahead of time, so there is no interference with operations. Either City Staff or a representative of the owner/builder will have regular access to this office as part of their job responsibilities. The City is not responsible for building or maintaining this office; however, they will review and approve the security plan for the field office, although the private partner will be responsible for the security itself.

Mr. Zeltman asserted that he had concerns regarding the location of the proposed facility at the Prospect Wellfield site, which abuts the Fort Lauderdale Executive Airport (FXE). Should a serious issue occur on the wellfield site, it could result in shutting down a well or wells; he felt that placing an entire facility on the wellfield, located close to an airport, would be of even greater concern.

Chair Mammano advised that if the City is paying for up to 50 million gallons per day, it might be useful to connect to a different wellfield site. Mr. Castellon explained that this connection would be made so diverting water from another wellfield would be possible if necessary.

Chair Mammano also addressed the water quality guarantee, pointing out that one issue of default would be failure to provide the required quality of water resulting in the issuance of a second boil water notice by governmental authorities. The agreement does not specify a time period in which the second notice must be issued in order to result in default. Mr. Dodd advised that the annexes to the agreement will include a

clearly defined standard with respect to the quality of the water that will come from the plant.

City Manager Greg Chavarria and Assistant City Manager/Finance Director Susan Grant joined the meeting at 3:02 p.m.

Chair Mammano explained that the Committee has significant concerns related to both general and specific aspects of the draft agreement, and was requesting input on the best way to communicate these concerns. She felt the impact the project would have on water rates is currently not transparent, and reiterated concerns with the availability payment and the commitment to pay for 50 million gallons per day, whether this full amount is used or not.

Chair Mammano continued that the Committee felt the general public may not clearly understand how these issues relate to projected water rate increases. They were concerned that if this issue is addressed before the public at a City Commission meeting, it may not be discussed in sufficient detail to clarify the project's effect on water rates. She asked what might be the best way to make this information clear to the public before the Commission votes on the comprehensive agreement.

Assistant City Manager/Finance Director Susan Grant recalled that she had made a high-level presentation discussing water rates at a previous Committee meeting, which estimated the expected rate increase over 10 years would be 139%. She noted that the City's expenses included \$80,000 per day, as well as the cost of chemicals, the City's debt service, and electricity. This estimated total was provided to consultant Stantec, who incorporated it into their rate model. She clarified that the overall rate model included all these costs.

Mr. Chavarria emphasized that the City is still negotiating the comprehensive agreement, which has not yet been finalized. He suggested that as updates on the agreement are provided to the Commission, they may also be shared with the Committee, which will provide additional opportunities for the members to ask any questions they may have. He noted, however, that because negotiations are ongoing, the City does not yet have all the final figures that will be part of the agreement, some of which are the responsibility of the private partner rather than the City. He was confident that Staff is doing the best possible job in reviewing the technical and financial aspects of the agreement.

Mr. Chavarria requested the most recent update on the agreement's status, recalling that some responses are pending from the private entity. Ms. Grant replied that the most recent draft of the comprehensive agreement includes the majority of the annexes. Mr. Dodd advised that he plans to meet with the private entity's representatives the next day to review the most recent update.

Regarding the financial side of the agreement, Ms. Grant stated that in order for the City to be able to finance their portion, they have involved bond counsel. They will need to bifurcate the availability payment into two separate payments, although the total would remain \$80,500 per day. She emphasized that the City is thoroughly reviewing the agreement.

With regard to the labor services agreement, Ms. Grant advised that the private entity provided the City with a draft of this document, which the City has provided to its labor counsel, with comments.

Mr. Chavarria also addressed the labor services agreement, stating that a similar agreement is in effect for the servicing of the City's fleet of vehicles by outside organizations. City Staff oversees these operations and remains involved with quality control. He assured the Committee that the City values its labor force, and that at the end of the day, the City will own the facility in question: the P3 is a procurement mechanism which allows the City to proceed toward a new water treatment plant.

Chair Mammano asked why the City would pay for 50,000 gallons per day if it did not intend to use this full amount. Ms. Grant advised that this amount is the plant's capacity. Mr. Chavarria added that while this is a fixed cost, current conditions are volatile, including the effects of the recent Hurricane Ian. He characterized fixed costs as an advantage in light of changing conditions.

Mr. Walters asked if all other fees, including the availability payment, was included in the calculation of the estimated 139% rate increase. Ms. Grant confirmed this, noting that it also includes annual increases in labor costs, as well as the additional \$200 million due to be issued through the City's bond program next year.

Chair Mammano asked how the Committee's discussion of the draft comprehensive agreement with City Staff would be memorialized, suggesting that the members could be sent a follow-up memorandum citing the component parts of the agreement that were discussed today. She also asked if the approximately \$150 million in the City's Capital Improvement Program (CIP) is already included in the proposed costs. Ms. Grant confirmed that this amount was included in the calculations of the 139% rate increase estimate, along with 75% of the City's plant costs.

Mr. Chavarria asked if it would be helpful to provide the Committee with the presentation to be made to the City Commission, so they could engage more fully with the information and ask questions of Staff as well as City consultants. He suggested that this could be done at the Committee's November meeting. Ms. Grant advised that both partner entities feel it is not realistic to expect the draft agreement to be complete by October 18.

Mr. Chavarria proposed that a special meeting could be scheduled for the presentation to the Committee prior to the comprehensive agreement's presentation to the

Commission. There was Committee consensus to proceed with this. Chair Mammano reiterated her request for a summation of the component parts of the agreement discussed at today's meeting. Ms. Grant offered to provide a spreadsheet reflecting the input she had provided to Stantec, which figured in their calculation of the rate model, as well as additional information and assumptions used in the City's calculation.

Mr. LaBrie commented that he was concerned the City may not be doing its best to present the business case for the proposed P3 to its residents, including its explanation of why water rates are slated to increase. Mr. Chavarria agreed that there is a need for improved outreach and public understanding, pointing out that one current challenge is the ongoing negotiations of the comprehensive agreement. He noted that the City has recently brought on a new hire to work in strategic communications, with the intent of increasing public engagement and sharing the story in an understandable format. He felt the result will be better updates in the future.

Chair Mammano reiterated that the Committee's questions include how the various components of the draft agreement will affect water rates, as well as questions regarding timeline issues. Mr. Angeli reiterated his concerns with supply chain issues and the inflationary spiral, both of which may be affected further by the recent hurricane on Florida's west coast.

Mr. Angeli continued that he had not heard any estimates of what the cost of not going through with the new water treatment plant project would be. Mr. LaBrie added that it could be useful to review "how we got to this point," including a chronology decisions made over the last several years.

Mr. LaBrie also suggested that a future Committee meeting to discuss the project further could be treated as a "Town Hall" meeting, and could be advertised more comprehensively so members of the public would also have an opportunity to ask questions if they wish. Mr. Chavarria agreed that this was a good suggestion. Chair Mammano added that there would still need to be some documentation to distribute for residents who may not be able to attend.

Mr. Chavarria reviewed the components of the comprehensive agreement on which the Committee had questions, which included:

- Prepare a one-page summary document
- Schedule a Town Hall meeting
- Provide the Committee with all the details they have requested
- Case study/justification of how the City reached this point
- Understanding of today's water quality as well as future water quality
- Ownership of water
- What happens to labor
- Explanation of water rates, with a breakdown of what the proposed 139% increase would include

- Discussion or outline of the 50 million gallons per day capacity, and how this relates to the availability payment

Mr. Chavarria concluded that Staff will do their best to provide the Committee with as much information as possible along with another presentation.

Chair Mammano requested clarification of when Staff would be able to provide the above information. Mr. Chavarria stated that he was confident Staff can provide the summary components of the agreement within a relatively short time frame, and can post this information on the City's website so it can be shared with the public. He pointed out, however, that any information he might email to the Committee members would be a matter of public record, and some aspects of a P3 process cannot be shared with the general public.

Chair Mammano asked if the information might be provided within the next two weeks. Mr. Chavarria stated that he would like to first check in with the City Commission to ensure they are aware of what is going on; however, he reiterated that he was confident in stating a meeting could be scheduled within two to three weeks.

Mr. LaBrie asked if Staff is reviewing the comments provided by Committee members on the draft comprehensive agreement. Mr. Chavarria replied that he has reviewed the Chair's and Vice Chair's comments thus far, and will continue to provide these and other comments on the process to consultant Hazen and Sawyer, with whom Staff meets multiple times per week to address concerns and work toward agreement.

3. New Business

None.

4. Public Works Update

i. September Water and Wastewater Break Report

Program Manager Sylejman Ujkani reported that the City has reached an agreement with their consultant and are currently preparing paperwork to present to the City Commission at their November 1, 2022 meeting in relation to the reward of contracts. Chair Mammano requested that a scope of services for this contract be provided to the Committee members. She recalled that the City is under a Consent Order which required mapping of the sewer and water systems.

Chair Mammano noted that there were six water breaks and no sewer breaks during September 2022. She requested clarification of the term "emergency repairs." Mr. Dodd advised that he did not have the reason for these breaks at hand. He pointed out that most of the issues affected smaller pipes and were leaks rather than breaks.

Mr. Zeltman recalled that he had previously requested information on the additional inflow to the George T. Lohmeyer Wastewater Treatment Plant. He felt the work done to reduce infiltration and inflow (I&I) throughout the City should be reflected in a lesser amount of I&I at this plant. Mr. Dodd replied that at present, the City is not seeing a substantial reduction in I&I, as a great deal of work must be done before results may be seen at the plant. The work to reduce I&I is more easily seen in the reduction in pump station run times, which were presented to the Committee at a previous meeting.

ii. Financial Report

Chair Mammano requested an overview of the City's progress on the Consent Order, including whether or not the City is meeting its required benchmarks. Mr. Ujkani reported that significant progress has been made with the sewer system, although some administrative milestones remain to be met. The City is in the design phase of some of these major projects. The next \$200 million tranche of bond funds will be issued in 2023 and has been built into the CIP. No priority list has been developed for this \$200 million thus far. He estimated that a first draft these priorities will be underway by early 2023.

5. General Discussion and Comments

i. Committee Members

None.

ii. Public Comments

Boyd Corbin, member of the public, addressed the color of water, asserting that it is discolored when it comes out of the existing Fiveash plant and remains discolored as it goes through the system. He continued that nanofiltration results in the waste of 5 million gallons of water per day and uses a great amount of electricity, for which Fort Lauderdale would pay under the terms of the draft comprehensive agreement.

Mr. Corbin recalled that the Reiss report, which was provided to the City by consultants in the past, suggests it is not necessary to use ammonia if better filtration is used. He felt ammonia is used "to cheat on EPA water tests," as it temporarily lowers the percentage of federally regulated chemicals. He was also critical of the City's hydrant flushing program, stating that ammonia in the water in some parts of the City may have harmed wildlife. He concluded that the City should return to the recommendations made in the Reiss report rather than moving forward with different plans.

Chair Mammano asked if the proposed nanofiltration process would use ammonia. Mr. Castellon replied that ammonia would not be used at the new water treatment plant.

Victoria Olsen, member of the public, expressed concern with the City's drinking water. She showed photographs of discolored water in home appliances, adding that she was

also concerned the City has not considered seeking a loan from the federal Clean Water Trust Fund, which provides low-interest rates as well as assistance with design and engineering.

Ms. Olsen continued that another issue is that the proposed new water treatment plant would not remove PFAS. Instead, it would use nanofiltration and ion exchange technology to filter the water. She cautioned that PFAS could contribute to a hazardous waste discharge problem, and expressed her opposition to the proposed P3, as these types of partnerships have not been successful in other locations. Ms. Olsen concluded that a number of City Commission candidates in the upcoming election have indicated their opposition to the proposed P3.

Chair Mammano noted that the next scheduled Committee meeting is November 7, 2022, but reminded the members that a special meeting is likely to be held near the end of October. It was noted that the Committee would need to vote to hold an additional meeting, although the date has not yet been set.

Motion made by Mr. Walters, seconded by Mr. Grabski, to hold a special meeting on the water treatment plant comprehensive agreement, to be determined. In a voice vote, the **motion** passed unanimously.

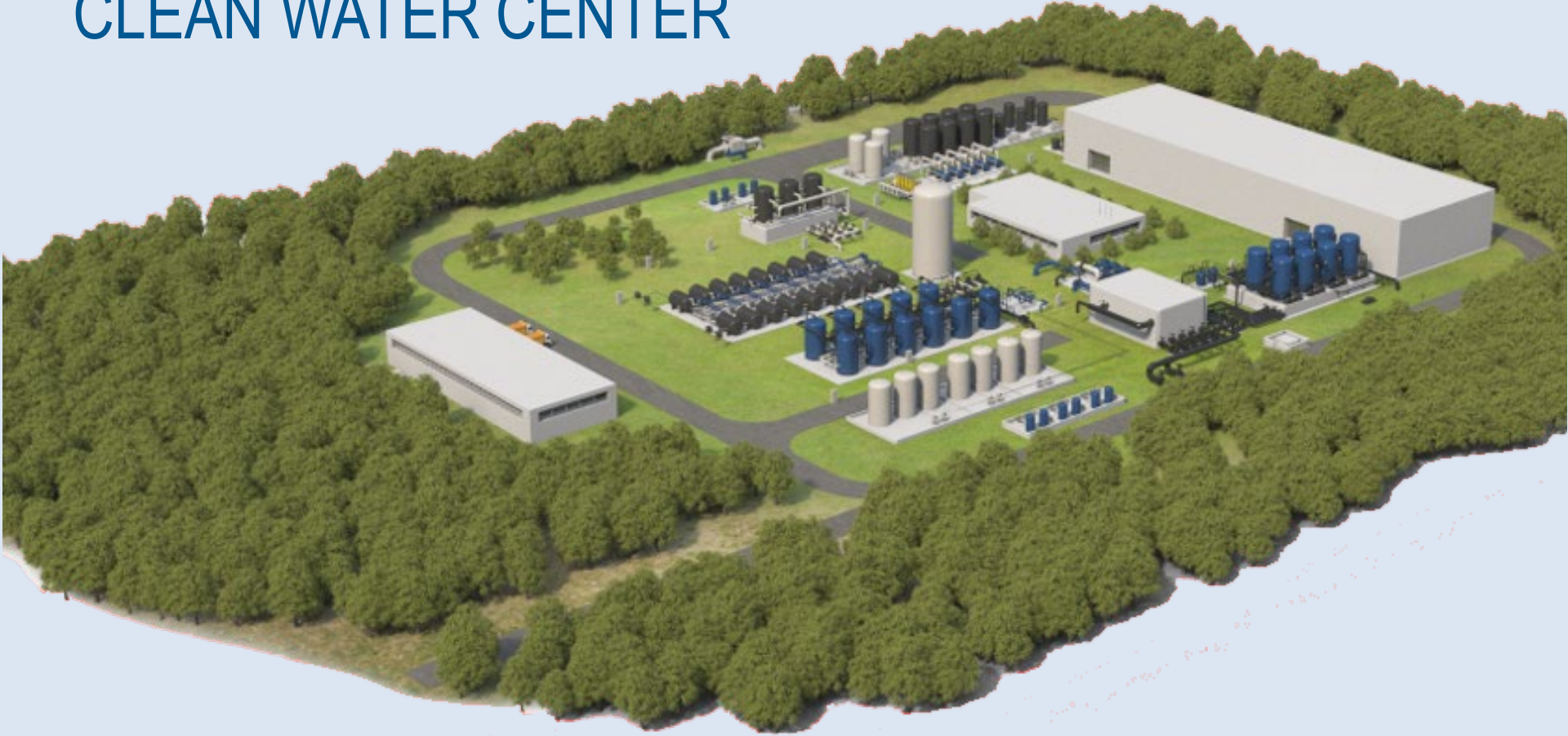
6. Adjournment – NEXT SCHEDULED MEETING DATE: November 7, 2022

There being no further business to come before the Committee at this time, the meeting was adjourned at 4:08 p.m.

Any written public comments made 48 hours prior to the meeting regarding items discussed during the proceedings have been attached hereto.

[Minutes prepared by K. McGuire, Prototype, Inc.]

PROSPECT LAKE CLEAN WATER CENTER



Infrastructure Task Force
November 7, 2022



CITY OF FORT LAUDERDALE

What is a P3

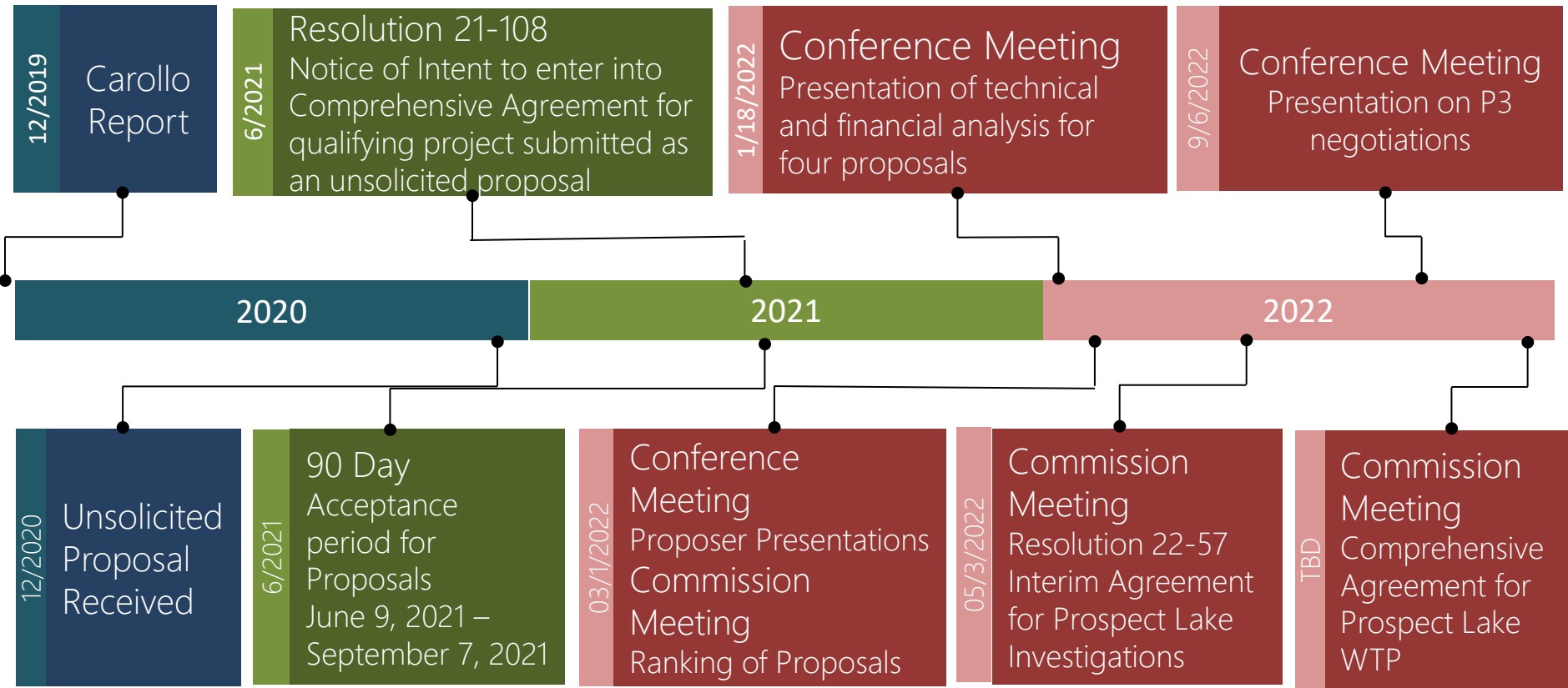
Based on Public-Private Partnerships Reference Guide
V2.0 (World Bank 2014)

A long term contract between a public party and a private party for the development and/or management of a public asset or service, in which the private agent bears significant risk and management responsibility throughout the life of the contract, and remuneration is significantly linked to performance and/or the demand or use of the asset or service

- Finance is not a requirement
- Risk transfer is important
- Used for both infrastructure and service
- PPP is not privatization



Timeline



1

Brief overview of the City's existing water treatment infrastructure



Supply

37 wells
Biscayne Aquifer



Fiveash WTP

Lime Softening
Constructed 1954*



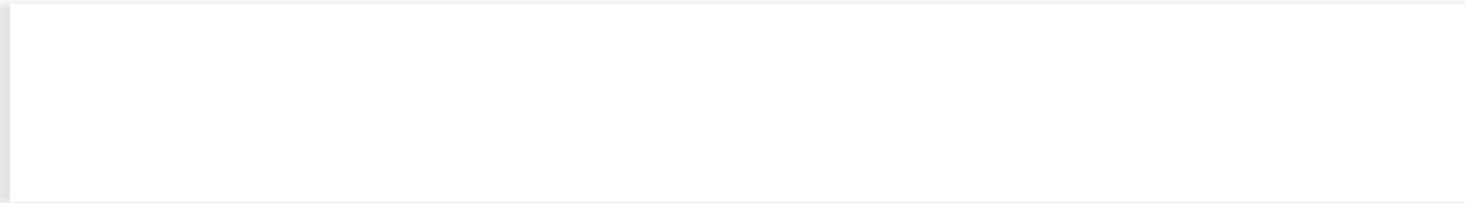
Dixie WTP

Nanofiltration
Constructed 2008



Distribution

City owned water
mains ≈ 761 miles



* Fiveash WTP was expanded multiple times over the decades



2

Does the City's water quality meet required standards?

Yes, the City's drinking water complies with all local, state and primary federal standards



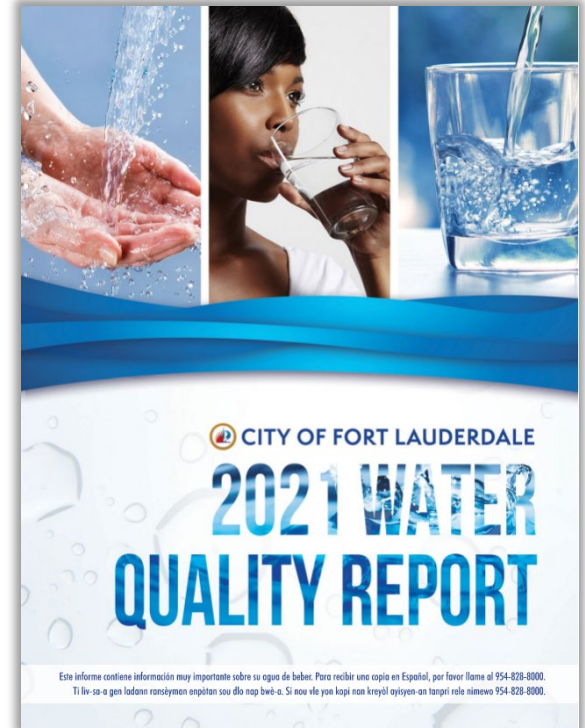
Complies



Complies



Complies



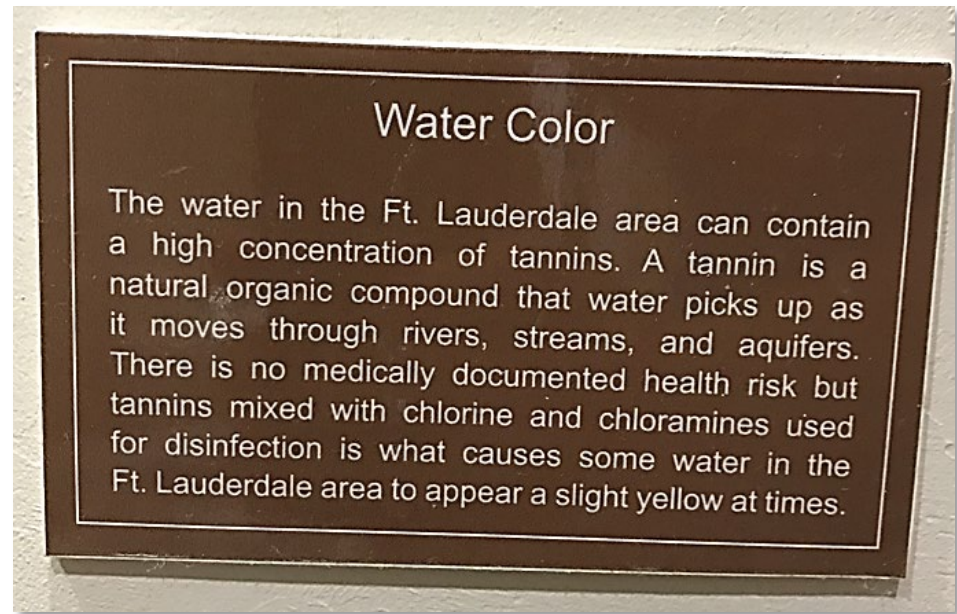
<https://www.fortlauderdale.gov/government/department-s-i-z/public-works/utilities-division/water-quality-report>



CITY OF FORT LAUDERDALE

3 Why is a new water plant needed?

Reason 1: The existing Fiveash WTP cannot meet the City's goal of clear water

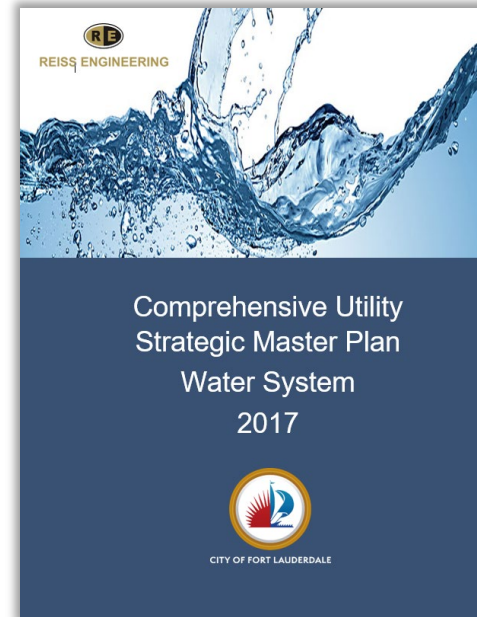


3 Why is a new water plant needed?

Reason 2: The Fiveash plant, constructed in 1954*, is near the end of its useful life, as documented in the City's Master Plan (a.k.a., "Reiss report")



City implements repairs of failing concrete, visual surveillance is ongoing



* Fiveash WTP was expanded multiple times over the decades



REISS ENGINEERING

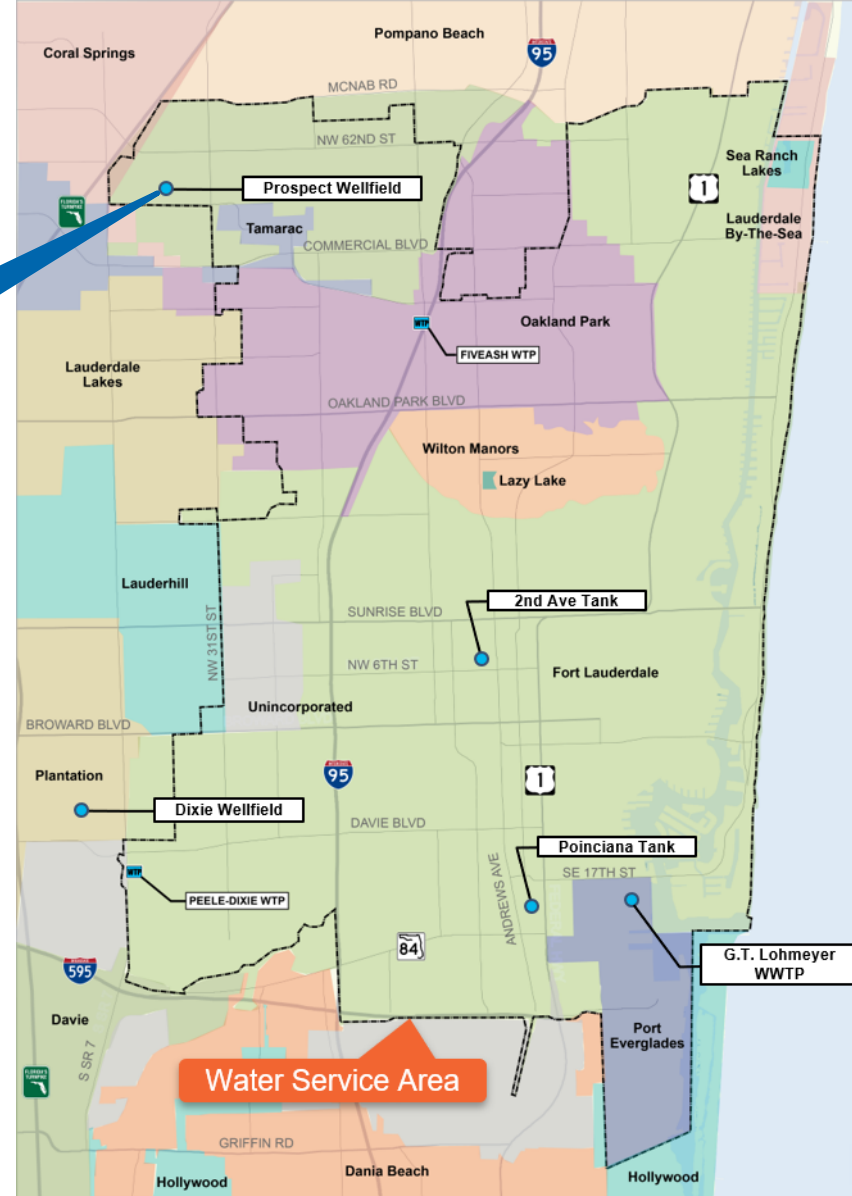


CITY OF FORT LAUDERDALE

4

Brief overview of the proposed water plant

The proposed WTP would be constructed at the Prospect Wellfield

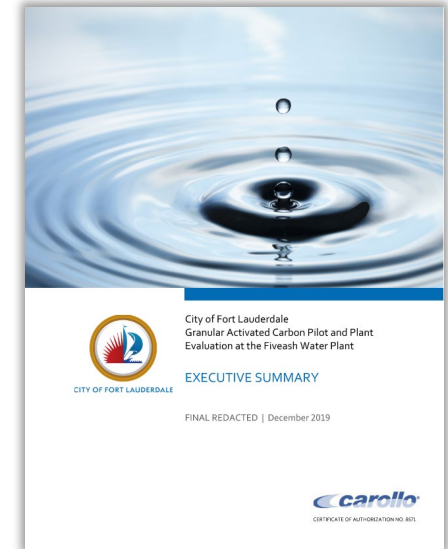
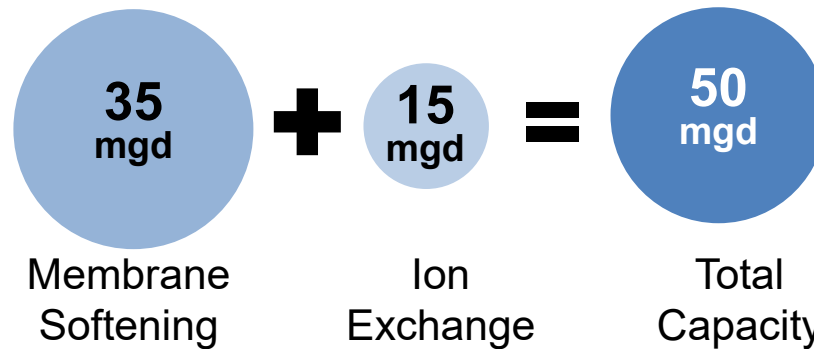


CITY OF FORT LAUDERDALE

4 Brief overview of the proposed water plant

2020 Carollo study:

- Concluded Fiveash has reached/exceeded useful life
- Evaluated 17 treatment capital improvement options
- Concluded most “state of the art”/robust treatment system would consist of nanofiltration and ion exchange system



5

How will the new plant benefit the City?

Fiveash WTP
Finished Water
Avg Color = 17



Prospect WTP

Expected color
below visual
detection 90%
of time



Color reduction while continuing to meet all regulatory standards

Improved reliability and storm resistance

State-of-the-art treatment technology will be better able to comply with future regulations



6

What is the expected construction timeline?



Illustrative Water Plant Rate Impact Summary

- Revised P3 with IDE-Ridgewood Remains Consistent with City's Goals

Description	Key Terms	Details	Average Water Bill 2032 ⁽¹⁾	10 Year % Increase	Ongoing Inflation Protection	Construction & Operations Risk Transfer	Timeline for Delivery of Plant	Time in Months
P3 Proposed December 2020	<ul style="list-style-type: none"> \$3.30 Initial Rate 1% Change Per Year 	<ul style="list-style-type: none"> \$385 million capex 	\$66	116%				36 Months
P3 Revised with Enabling Works	<ul style="list-style-type: none"> \$1.61 Initial Rate 5% Change Per Years 1-5 2.5% Change Per Year Thereafter 	<ul style="list-style-type: none"> \$485 million capex \$150 million enabling works City Financing 75% of capex and 100% enabling works City direct pay chemicals 	\$73	139%	✓	✓	✓	42 Months
City Project Alone (i.e., no P3)	<ul style="list-style-type: none"> City Owned and Operated 	<ul style="list-style-type: none"> \$485 million capex \$150 million enabling works City Financing 100% of capex and enabling works City direct pay chemicals 	\$71	133%				66+ Months

Staff continues to recommend the P3 structure as it provides our community with multiple benefits, including:

- (1) Long-term Inflation Protection
- (2) Construction & Operations Risk Transfer
- (3) Timeline for Delivery of Plant



CITY OF FORT LAUDERDALE

(1) Assumes 5,000 gallons on average compared to \$31 in 2022

Conclusion



City of Fort
Lauderdale

The City of Fort Lauderdale and Prospect Lake Teams Are Working Towards a Comprehensive Agreement (“CA”) Execution in December, 2022

- The City, Hazen & Sawyer (Owners-Representative), IDE-Ridgewood, and Kiewit continue to work towards development of a new water treatment plant for the City
- All parties continue to work on key design, construction, operating and financing terms to mitigate the impact of global supply chain and inflation pressure which have increased 2020 costs by \$100M
- The City Staff has analyzed scenarios and to ensure the P3 construct with IDE-Ridgewood remains consistent with the City’s objectives of inflation protection, risk transfer, and project delivery timing
- The City and IDE-Ridgewood are also working towards a mutually-agreeable Labor Partnership Services Agreement (“LSA”) that addresses the City’s needs



CITY OF FORT LAUDERDALE

Questions



CITY OF FORT LAUDERDALE

Consent Order Projects Financial Report
as of 9/30/2022

Index Code / Project Title	Category	Project Status	Budget	Actuals as of 9.30.2022	% Spent to Date as of 9.30.2022	Encumbrances as of 9.30.2022	Remaining Balance as of 9.30.2022
P11563.454 VICTORIA PARK SEWER BASIN A-19 REHAB			1,606,619.00	1,525,725		-	80,894
P11563.482 VICTORIA PARK SEWER BASIN A-19 REHAB			-	-			-
P11563.495 VICTORIA PARK SEWER BASIN A-19 REHAB			5,832,153.00	5,755,389		6	76,758
P11563 TOTAL PROJECT COSTS	I&I	Construction	7,438,772	7,281,114	98%	6	157,652
P11566.454 RIO VISTA SEWER BASIN D-43 REHAB			3,523,431	2,206,730		574,958	741,743
P11566.482 RIO VISTA SEWER BASIN D-43 REHAB			381	381		-	-
P11566.495 RIO VISTA SEWER BASIN D-43 REHAB			4,268,936	4,231,958		15	36,963
P11566 TOTAL PROJECT COSTS	I&I	Construction	7,792,748	6,439,069	83%	574,973	778,706
P11842.470 EDGEWOOD STORMWATER PRELIMINARY DATA & REPORT			1,928,448	1,916,294		12,152	2
P11842.473 EDGEWOOD STORMWATER PRELIMINARY DATA & REPORT			16,846,632	5,182,313		11,664,319	-
P11842 TOTAL PROJECT COSTS	Stormwater	Construction	18,775,080	7,098,607	38%	11,676,471	2
P11868.470 RIVER OAKS STORMWATER ANALYSIS			957,578	903,404		23,771	30,403
P11868.473 RIVER OAKS STORMWATER ANALYSIS			29,035,000	4,713,427		24,152,855	168,718
P11868 TOTAL PROJECT COSTS	Stormwater	Construction	29,992,578	5,616,831	19%	24,176,626	199,121
P11879.454 PUMP STATION B-10 REHAB			1,908,427	1,908,427		-	-
P11879 TOTAL PROJECT COSTS	Sewer Force Main	Complete	1,908,427	1,908,427	100%	-	-
P11881.454 PUMP STATION D-45 REHABILITATION			509,868	509,868		-	-
P11881 TOTAL PROJECT COSTS	Sewer Force Main	Complete	509,868	509,868	100%	-	-
P11991.454 DOWNTOWN SEWER BASIN PS A-7 REHABILITATION			9,664,894	4,715,782		3,518,454	1,430,659
P11991.482 DOWNTOWN SEWER BASIN PS A-7 REHABILITATION			3,335	3,335		-	-
P11991.495 DOWNTOWN SEWER BASIN PS A-7 REHABILITATION			2,000,000	193,977		-	1,806,023
P11991 TOTAL PROJECT COSTS	I&I	Construction	11,668,229	4,913,094	42%	3,518,454	3,236,682
P12001.454 SEWER BASIN D-40 REHAB			731,713	731,713		-	-
P12001.482 SEWER BASIN D-40 REHAB			3,766	3,766		-	-
P12001 TOTAL PROJECT COSTS	Sewer Basin	Complete	735,479	735,479	100%	-	-
P12049.454 FLAGLER HEIGHTS SWR BASIN A-21 LATERALS			2,457,469	1,209,044		-	1,248,425
P12049.482 FLAGLER HEIGHTS SWR BASIN A-21 LATERALS			8,255	8,255		-	-
P12049.495 FLAGLER HEIGHTS SWR BASIN A-21 LATERALS			1,318,983	850,589		14	468,380
P12049 TOTAL PROJECT COSTS	I&I	Construction	3,784,707	2,067,888	55%	14	1,716,805
P12055.454 BASIN A-18 SANITARY SWR COLL SYSTM REHAB			3,276,801	2,889,061		1	387,739
P12055.482 BASIN A-18 SANITARY SWR COLL SYSTM REHAB			-	-		-	-
P12055.495 BASIN A-18 SANITARY SWR COLL SYSTM REHAB			3,883,475	3,883,463		12	(0)
P12055 TOTAL PROJECT COSTS	I&I	Construction	7,160,276	6,772,524	95%	13	387,739
P12124.454 CNTRL BCH ALLIANCE PUMP STN REPLAC D-41			2,132,448	2,132,448		-	0
P12124 TOTAL PROJECT COSTS	Sewer Force Main	Complete	2,132,448	2,132,448	100%	-	-
P12133.454 PUMP STN A-13 REDIRECTION E OF FEDERAL			4,147,596	4,147,596		-	-
P12133.495 PUMP STN A-13 REDIRECTION E OF FEDERAL			478,014	478,014		-	-
P12133 TOTAL PROJECT COSTS	Sewer Force Main	Complete	4,625,610	4,625,610	100%	-	-
P12177.454 E LAS OLAS 12" FORCE MAIN REPLACEMENT			1,689,730	1,689,730		-	-
P12177 TOTAL PROJECT COSTS	Sewer Force Main	Complete	1,689,730	1,689,730	100%	-	-
P12202.454 LIFT STATN D-11 FLOW ANALYSIS & REDESIGN			205,156	205,156		0	(0)
P12202.495 LIFT STATN D-11 FLOW ANALYSIS & REDESIGN			1,224,358	1,224,358		-	p
P12202 TOTAL PROJECT COSTS	Sewer Basin	Complete	1,429,513	1,429,513	100%	0	(0)
P12264.470 CITYWIDE CANAL DREDGING PLAN - CYCLE 1			1,158,867	244,352		39,835	874,680
P12264 CITYWIDE CANAL DREDGING PLAN - CYCLE 1	Stormwater	Design	1,158,867	244,352	21%	39,835	874,680
P12319.454 EMERG REPAIR 30" FM - REPUMP TO GTL WWTP			13,182,064	13,182,064		-	-
P12319.495 EMERG REPAIR 30" FM - REPUMP TO GTL WWTP			2,697,299	2,697,299		-	-
P12319 TOTAL PROJECT COSTS	Sewer Force Main	Complete	15,879,363	15,879,363	100%	-	-
P12352.454 S MIDDLE RIVER FORCE MAIN RIVER CROSSING			874,016	874,015		0	(0)
P12352.495 S MIDDLE RIVER FORCE MAIN RIVER CROSSING			609,000	609,000		-	-
P12352 TOTAL PROJECT COSTS	Sewer Force Main	Finance	1,483,015	1,483,015	100%	0	0
P12367.495 ASSET MANAGEMENT & CMOM PROGRAMS			-	-		-	-
P12367.496 ASSET MANAGEMENT & CMOM PROGRAMS			-	-		-	-
FD495.01 WATER & SEWER MASTER PLAN 2017			871,387	533,008		338,380	(1)
FD496.01 WATER & SEWER REGIONAL MASTER PLAN 2017			204,430	125,057		79,373	-
P12367 TOTAL PROJECT COSTS	Master Plan/Report	Project Initiation & Planning	1,075,817	658,065	61%	417,753	(1)
P12368.495 SEWER CAPACITY ONLY FOR GRAVITY & FM			-	-		-	-
P12368.496 SEWER CAPACITY ONLY FOR GRAVITY & FM			-	-		-	-
FD495.01 WATER & SEWER MASTER PLAN 2017			725,896	725,759		137	-
FD496.01 WATER & SEWER REGIONAL MASTER PLAN 2017			35,560	35,553		7	-
PBS670501 LOHMEYER REGIONAL PLANT SUPPORT			9,811	9,799		12	-
PBS060101 UTILITIES ENGINEERING OPERATIONS			200,279	200,025		254	-
P12368 TOTAL PROJECT COSTS	Master Plan/Report	Project Initiation & Planning	971,546	971,136	100%	410	-
P12375.451 PROG MGMT OF CONSENT ORDER PROJECTS			1,295,458	698,670		507,723	89,066

Index Code / Project Title	Category	Project Status	Budget	Actuals as of 9.30.2022	% Spent to Date as of 9.30.2022	Encumbrances as of 9.30.2022	Remaining Balance as of 9.30.2022
P12375.454 PROG MGMT OF CONSENT ORDER PROJECTS			1,013,442	816,067		40,197	157,179
P12375.495 PROG MGMT OF CONSENT ORDER PROJECTS			1,462,500	774,081		686,689	1,730
P12375.496 PROG MGMT OF CONSENT ORDER PROJECTS			115,000	111,261		3,739	0
P12375 TOTAL PROJECT COSTS	Master Plan/Report	Project Initiation & Planning	3,886,400	2,400,078	62%	1,238,348	247,974
P12383.451 NE 25TH AVE FORCE MAIN REPLACEMENT			1,363,353	3,393	0%	-	1,359,960
P12383.496 NE 25TH AVE FORCE MAIN REPLACEMENT			4,784,890	491,320		458,312	3,835,258
P12383 TOTAL PROJECT COSTS	Sewer Force Main	Project Initiation & Planning	6,148,243	494,713	8%	458,312	5,195,218
P12384.496 NE 38TH ST 42" FM & NE 19TH AV 24" FM			2,096,690	623,545		681,700	791,445
P12384 TOTAL PROJECT COSTS	Sewer Force Main	Project Initiation & Planning	2,096,690	623,545	30%	681,700	791,445
P12387.496 EFFLUENT MAIN REHABILITATION			3,184,000	89,496		294	3,094,685
P12387 TOTAL PROJECT COSTS	Sewer Force Main	Design	3,184,000	89,496	3%	294	3,094,210
P12388.454 NE 13TH ST 24" FORCE MAIN REPLACEMENT			3,761,244	190,584		67,848	3,502,813
P12388.495 NE 13TH ST 24" FORCE MAIN REPLACEMENT			3,313,090	3,065,964		247,126	0
P12388 TOTAL PROJECT COSTS	Sewer Force Main	Warranty	7,074,334	3,256,548	46%	314,974	3,502,813
P12389.454 18" FM RPL ACROSS NEW RVR FRM 9TH/ BIRCH			238,620	126,325			112,295
P12389.495 18" FM RPL ACROSS NEW RVR FRM 9TH/ BIRCH			2,112,550	2,105,749		6,801	0
P12389 TOTAL PROJECT COSTS	Sewer Force Main	Complete	2,351,170	2,232,074	95%	6,801	112,295
P12390.454 16" FM ALONG LAS OLAS BLVD PHASE 2			637,577	637,577		-	-
P12390.495 16" FM ALONG LAS OLAS BLVD PHASE 2			2,410,943	2,410,943		0	(0)
P12390 TOTAL PROJECT COSTS	Sewer Force Main	Complete	3,048,520	3,048,520	100%	0	(0)
P12413.454 FM FROM PUMP STN D-35 TO D-36 UPSIZE			615,099	615,099		-	-
P12413.495 FM FROM PUMP STN D-35 TO D-36 UPSIZE			517,445	517,445		-	-
P12413 TOTAL PROJECT COSTS	Sewer Force Main	Complete	1,132,545	1,132,545	100%	-	-
P12418.495 WTR & W/WTR D & C SYSTEM MAPPING			4,000,000	-		-	4,000,000
FD495.01 WATER & SEWER MASTER PLAN 2017			3,441,353	2,424,335		1,017,018	
P12418 TOTAL PROJECT COSTS	Master Plan/Report	Project Initiation & Planning	7,441,353	2,424,335	33%	1,017,018	4,000,000
P12419.495 FORCE MAIN ASSESSMENT			3,813,200			-	3,813,200
P12419.496 FORCE MAIN ASSESSMENT			-			-	-
FD495.01 WATER & SEWER MASTER PLAN 2017			924,284	924,284		-	-
FD496.01 WATER & SEWER REGIONAL MASTER PLAN 2017			45,279	45,279		-	-
P12419 TOTAL PROJECT COSTS	Master Plan/Report	Complete	4,782,763	969,563	20%	-	3,813,200
P12529.451 EFFLUENT PUMPS STANDBY GENERATOR & ADMIN BLDG IMPROVEMENTS			14,295,566	165,363		3	14,130,201
P12529.496 EFFLUENT PUMPS STANDBY GENERATOR & ADMIN BLDG IMPROVEMENTS			14,000,000	19,836		500,000	13,480,164
P12529 EFFLUENT PUMPS STANDBY GENERATOR & ADMIN BLDG IMPROVEMENTS	GTL Upgrades	Project Initiation & Planning	28,295,566	185,199	1%	500,003	27,610,365
P12566.451 REDUNDANT SEWER FM NORTH TO GTL WWTP			4,524,621	4,461,262		19,976	43,383
P12566.496 REDUNDANT SEWER FM NORTH TO GTL WWTP			25,225,638	25,202,609		23,029	(0)
P12566 TOTAL PROJECT COSTS	Sewer Force Main	Construction	29,750,259	29,663,871	100%	43,004	43,383
P12567.496 REDUNDANT SEWER FM SOUTH TO GTL WWTP			35,249,741	33,720,749		57,149	1,471,843
P12567 TOTAL PROJECT COSTS	Sewer Force Main	Closeout	35,249,741	33,720,749	96%	57,149	1,471,843
P12569.495 NE 5TH STREET FORCE MAIN IMPROVEMENT			1,928,910	1,928,910		-	-
P12569 TOTAL PROJECT COSTS	Sewer Force Main	Complete	1,928,910	1,928,910	100%	-	-
P12570.495 36TH STREET FORCE MAIN IMPROVEMENT			76,655	76,655		-	-
P12570 TOTAL PROJECT COSTS	Sewer Force Main	Complete	76,655	76,655	100%	-	-
FD495.01 WATER & SEWER MASTER PLAN 2017			212,876			-	212,876
FD496.01 WATER & SEWER REGIONAL MASTER PLAN 2017			2,150			-	2,150
P12720 TOTAL PROJECT COSTS	Master Plan/Report	Project Initiation & Planning	215,026	-	0%	-	215,026
Grand Total			256,874,249	154,702,936	60%	44,722,156	57,449,157

The following information pertains to the Stormwater Projects listed on the Consent Order Project Report. Paragraph 18 of the Amended Consent Order (CO) requires that the City pay \$2,116,500 in cash as civil penalties or implement In-Kind projects with a value of at least \$3,167,250 in lieu of making cash payment. This CO mandated that the project be either an environmental enhancement or an environmental restoration project. The City proposed to construct a new stormwater drainage system within the low lying areas of River Oaks Stormwater Analysis (P11868), Edgewood Area Stormwater Improvements (P11842) and the Osceola Canal as part of the Citywide Canal Dredging Plan - Cycle 1 (P12264) to offset the penalties. The proposal included multiple water quality improvements, such as several pollution control measures to treat stormwater runoff before it is discharged in the river, exfiltration trenches, dredging and bank stabilization, and a new wetlands area, in addition to typical stormwater best management practices. The proposal was approved by FDEP on January 20, 2021 and must be constructed by March 2024.

FY 2022 Water & Sewer Expansion Impact Fees
September 30, 2022

FY 2022 (Revenue (Posted as of 9.30.2022))	Fiscal Month 1 (Oct. 2021)	Fiscal Month 2 (Nov. 2021)	Fiscal Month 3 (Dec. 2021)	Fiscal Month 4 (Jan. 2022)	Fiscal Month 5 (Feb. 2022)	Fiscal Month 6 (Mar. 2022)	Fiscal Month 7 (Apr. 2022)	Fiscal Month 8 (May 2022)	Fiscal Month 9 (June 2022)	Fiscal Month 10 (July 2022)	Fiscal Month 11 (August 2022)	Fiscal Month 12 (September 2022)	Year-to-Date Total
FD452.01 WATER EXPANSION/ IMPACT FEE CONSTRUCTION	237,774	464,931	25,345	44,124	12,099	437,258	31,370	23,031	11,089	25,088	352,843	430,314	2,095,266
B251 W&S IMPACT FEES - RESIDENTIAL	23,724	9,885	5,931	17,793	3,954	17,185	20,813	20,421	9,885	23,388	30,138	11,862	194,979
B252 W&S IMPACT FEES - COMMERCIAL	214,050	455,046	19,414	26,331	8,145	420,073	10,557	2,610	1,204	1,700	322,705	418,452	1,900,287
FD453.01 SEWER EXPANSION/ IMPACT FEE CONSTRUCTION	227,070	444,001	24,204	44,174	11,555	419,098	30,470	20,721	10,592	23,958	337,240		1,593,083
B251 W&S IMPACT FEES - RESIDENTIAL	22,656	9,440	5,664	16,992	3,776	17,936	18,351	20,266	9,440	22,335	29,062	11,328	187,246
B252 W&S IMPACT FEES - COMMERCIAL	204,414	434,561	18,540	25,145	7,779	401,162	10,082	2,492	1,152	1,623	308,178	399,614	1,814,742
N963 IMPACT FEES - SEWER				2,037			2,037	(2,037)	-	-	-	-	2,037
TOTAL	464,844	908,932	49,549.00	88,298	23,654	856,356	61,840	43,752	21,681	49,046	690,083	430,314	3,688,349

**Water & Sewer Bond Expenditures Summary
as of 9/30/2022**

Bond Funded Projects by Category	Total Budget Amount	Actuals as of 9.30.2022	% Spent to Date as of 9.30.2022	Encumbrances as of 9.30.2022	Remaining Balance as of 9.30.2022
Finance	23,595,311	19,803,573	84%	2,714,489	1,077,249
Fiveash Upgrades	24,656,858	6,204,502	25%	4,434,093	14,018,263
GTL Upgrades	14,000,000	26,622	0%	500,000	13,473,378
I&I	17,303,547	14,915,378	86%	46	2,388,123
Master Plan/Report	2,109,625	934,180	44%	989,883	185,562
Peele Dixie Upgrades	163,133	95,235	58%	12,856	55,042
Sewer Basin	1,821,149	1,299,841	71%	29	521,280
Sewer Force main	100,242,361	76,877,364	77%	4,410,012	18,954,986
Watermain	20,546,519	20,087,765	98%	37,646	421,108
Grand Total	204,438,503	140,244,459	69%	13,099,054	51,094,990

Index Code / Project Title	Category	Project Status	Budget	Actuals as of 9.30.2022	% Spent to Date as of 9.30.2022	Encumbrances as of 9.30.2022	Remaining Balance as of 9.30.2022
FD495.01 WATER & SEWER MASTER PLAN 2017	Finance	Implementation	21,611,457.21	17,970,991.00	83%	2,650,807.51	989,658.70
FD496.01 WATER & SEWER REGIONAL MASTER PLAN 2017	Finance	Implementation	1,983,854.00	1,832,582.00	92%	63,681.69	87,590.31
P10814.495 CENTRAL NEW RIVER W/MAIN RIVER CROSSING	Watermain	Construction	951,318.31	951,743.31	100%	-	(425.00)
P10850.495 VICTORIA PARK A NORTH-SMALL WATERMAINS	Watermain	Warranty	4,435,773.00	4,434,667.95	100%	-	1,105.05
P11080.495 PORT CONDO SMALL WATER MAIN IMPROVEMENTS	Watermain	Close-Out	932,320.00	894,739.85	96%	37,579.15	1.00
P11563.495 VICTORIA PARK SEWER BASIN A-19 REHAB	I&I	Construction	5,832,153.00	5,755,389.48	99%	6.11	76,757.41
P11566.495 RIO VISTA SEWER BASIN D-43 REHAB	I&I	Construction	4,268,936.00	4,231,958.29	99%	14.97	36,962.74
P11589.495 FIVEASH WTP DISINFECTION IMPROVEMENTS	Fiveash Upgrades	Construction	16,417,546.00	1,666,915.88	10%	1,150,678.11	13,599,952.01
P11901.495 VICTORIA PK STH SM WATERMAINS IMPROVEMNT	Watermain	Warranty	5,149,658.00	5,142,771.80	100%	65.00	6,821.20
P11991.495 DOWNTOWN SEWER BASIN PS A-7 REHABILITATION	I&I	Construction	2,000,000.00	193,977.22	10%	-	1,806,022.78
P12049.495 FLAGLER HEIGHTS SWR BASIN A-21 LATERALS	I&I	Construction	1,318,983.00	850,589.07	64%	13.66	468,380.27
P12055.495 BASIN A-18 SANITARY SWR COLL SYSTM REHAB	I&I	Construction	3,883,475.00	3,883,463.47	100%	11.53	0.00
P12133.495 PUMP STN A-13 REDIRECTION E OF FEDERAL	Sewer Force main	Complete	478,013.50	478,013.50	100%	-	-
P12180.495 CROISSANT PARK SMALL WATER MAINS	Watermain	Complete	2,822,718.37	2,822,718.37	100%	-	-
P12184.495 DAVIE BLVD 18" WM ABAN I-95 TO SW 9 AVE	Watermain	Hold	297,692.25	297,692.25	100%	0.22	(0.22)
P12202.495 LIFT STATN D-11 FLOW ANALYSIS & REDESIGN	Sewer Basin	Complete	1,224,357.61	1,224,357.61	100%	-	-
P12319.495 EMERG REPAIR 30" FM - REPUMP TO GTL WWTP	Sewer Force main	Complete	2,697,298.64	2,697,298.64	100%	-	-
P12352.495 S MIDDLE RIVER FORCE MAIN RIVER CROSSING	Sewer Force main	Finance	608,999.50	608,999.50	100%	-	-
P12367.495 ASSET MANAGEMENT & CMOM PROGRAMS	Master Plan/Report	Project Initiation Planning	-	-	-	-	-
P12367.496 ASSET MANAGEMENT & CMOM PROGRAMS	Master Plan/Report	Project Initiation Planning	-	-	-	-	-
P12368.495 SEWER CAPACITY ANLY FOR GRAVITY & FM	Master Plan/Report	Project Initiation Planning	-	-	-	-	-
P12368.496 SEWER CAPACITY ANLY FOR GRAVITY & FM	Master Plan/Report	Project Initiation Planning	-	-	-	-	-
P12375.495 PROG MGMT OF CONSENT ORDER PROJECTS	Master Plan/Report	Project Initiation Planning	1,462,500.00	774,081.02	53%	686,689.47	1,729.51
P12375.496 PROG MGMT OF CONSENT ORDER PROJECTS	Master Plan/Report	Project Initiation Planning	115,000.00	111,261.14	97%	3,738.86	0.00
P12383.496 NE 25TH AVE FORCE MAIN REPLACEMENT	Sewer Force main	Project Initiation Planning	4,784,890.00	491,320.31	10%	458,312.22	3,835,257.47
P12384.496 NE 38TH ST 42" FM & NE 19TH AV 24" FM	Sewer Force main	Project Initiation Planning	2,096,690.00	623,545.28	30%	681,700.26	791,444.46

Index Code / Project Title	Category	Project Status	Budget	Actuals as of 9.30.2022	% Spent to Date as of 9.30.2022	Encumbrances as of 9.30.2022	Remaining Balance as of 9.30.2022
P12385.496 SE 10TH AV 48" FM REPL & 36" BYPASS	Sewer Force main	Cancelled	18,326.00	18,326.00	100%	-	-
P12386.496 54" FM RPL SE 9TH/10TH AV & NEW PARALLEL	Sewer Force main	Cancelled	6,072.00	6,072.00	100%	-	-
P12387.496 EFFLUENT MAIN REHABILITATION	Sewer Force main	Design	3,184,000.00	89,496.00	3%	294.00	3,094,210.00
P12388.495 NE 13TH ST 24" FORCE MAIN REPLACEMENT	Sewer Force main	Warranty	3,313,090.00	3,065,963.94	93%	247,126.06	0.00
P12389.495 18" FM RPL ACROSS NEW RVR FRM 9TH/ BIRCH	Sewer Force main	Complete	2,112,550.00	2,105,749.34	100%	6,800.66	0.00
P12390.495 16" FM ALONG LAS OLAS BLVD PHASE 2	Sewer Force main	Complete	2,410,943.21	2,410,943.21	100%	-	-
P12391.495 BERMUDA RIVIERA SML WTRMN IMPROVEMENTS	Watermain	Complete	4,838,040.72	4,424,433.33	91%	1.63	413,605.76
P12393.495 FIVEASH ELEC SYSTM REPLACEMENT (2015-20)	Fiveash Upgrades	Design	256,827.50	26,622.00	10%	-	230,205.50
P12395.495 PEELE DIXIE ELECTRICAL STUDIES	Peele Dixie Upgrades	Master Plan & Report	63,133.00	63,133.00	100%	-	-
P12396.495 PEELE DIXIE SURGE PROTECTION UPGRADES	Peele Dixie Upgrades	Construction	100,000.00	32,101.72	32%	12,856.00	55,042.28
P12399.495 FIVEASH WTP PCCP REPLACEMENT	Fiveash Upgrades	Complete	33,511.00	33,511.00	100%	-	-
P12400.495 PROSPECT WELLFIELD ELC STUDIES & TESTING	Master Plan/Report	Project Initiation Planning	185,000.00	1,168.00	1%	-	183,832.00
P12402.495 PEELE DIXIE WELLFIELD ELC STUD & TESTING	Master Plan/Report	Project Initiation Planning	47,669.50	47,669.50	100%	-	-
P12404.495 EXCAVATE & DISPOSE OF DRY LIME SLUDGE	Fiveash Upgrades	Warranty	4,228,973.31	4,228,973.31	100%	-	-
P12406.496 REDUNDANT FORCE MAIN FROM B-REPUMP	Sewer Force main	Cancelled	10,377.00	10,377.00	100%	-	-
P12407.495 SUBACQUEOUS FM CROSSING REINSTATEMENT	Sewer Force main	Cancelled	-	-	-	-	-
P12410.495 PUMP STATION C-1 REPLACEMENT	Sewer Force main	Bidding	620,000.00	38,369.00	6%	-	581,631.00
P12412.495 PUMP STATIONS A-16 UPGRADE	Sewer Force main	Design	3,000,000.00	34,192.00	1%	-	2,965,808.00
P12413.495 FM FROM PUMP STN D-35 TO D-36 UPSIZE	Sewer Force main	Complete	517,445.12	517,445.12	100%	-	-
P12414.495 GRAVITY PIPE IMPV TO DWNTWN COL SYSTM	Sewer Force main	Hold	3,335,370.00	193,226.90	6%	82,770.85	3,059,372.25
P12415.495 PUMP STATION A-7 UPGRADE	Sewer Force main	Construction	2,582,888.69	2,257,689.67	87%	237,825.32	87,373.70
P12418.495 WTR & W/WTR D & C SYSTEM MAPPING	Master Plan/Report	Project Initiation Planning	-	-	-	-	-
P12419.495 FORCE MAIN ASSESSMENT	Master Plan/Report	Complete	-	-	-	-	-
P12419.496 FORCE MAIN ASSESSMENT	Master Plan/Report	Complete	-	-	-	-	-
P12456.495 SEWER BASIN D-40 REHAB	Sewer Basin	Construction	169,237.00	48,596.51	29%	28.75	120,611.74
P12463.495 CORAL SHORES SML WATERMAIN IMPROVEMENTS	Watermain	Warranty	1,118,998.00	1,118,998.00	100%	-	-
P12485.495 FIVEASH WTP FILTERS REHABILITATION	Fiveash Upgrades	Construction	3,720,000.00	248,480.05	7%	3,283,414.95	188,105.00
P12529.496 EFFLUENT PMP STNBY GENERATOR & ADMIN BLD	GTL Upgrades	Project Initiation Planning	14,000,000.00	26,622.00	0%	500,000.00	13,473,378.00
P12566.496 REDUNDANT SEWER FM NORTH TO GTL WWTP	Sewer Force main	Construction	25,225,638.08	25,202,609.32	100%	23,028.76	(0.00)
P12567.496 REDUNDANT SEWER FM SOUTH TO GTL WWTP	Sewer Force main	Close-Out	35,249,740.92	33,720,749.12	96%	57,148.58	1,471,843.22
P12569.495 NE 5TH STREET FORCE MAIN IMPROVEMENT	Sewer Force main	Complete	1,928,910.00	1,928,910.00	100%	-	-
P12570.495 36TH STREET FORCE MAIN IMPROVEMENT	Watermain	Complete	-	-	-	-	-
P12605.495 NEW PUMPING STATION FLAGLER VILLAGE A-24	Sewer Force main	Bidding	681,243.69	6,090.00	-	-	675,153.69
P12618.495 DOLPHIN ISLES B-14 SEWER BASIN REHAB	Sewer Basin	Project Initiation Planning	427,554.88	26,887.00	6%	-	400,667.88
P12619.495 BAYVIEW DR 16" FM TO PUMP STATION B-14	Sewer Force main	Design	2,570,000.00	62,102.69	2%	115,004.84	2,392,892.47
P12620.495 LAS OLAS MARINA PUMP STATION D-31	Sewer Force main	Project Initiation Planning	2,500,000.00	-	0%	2,500,000.00	-
P12628.495 INTERLOCAL AGREEMENT WITH POMPANO BEACH	Master Plan/Report	Close-Out	299,455.00	-	0%	299,455.00	-
P12731.495 GRAVITY SWR RPR BAYVIEW FRM 36 TO 40 ST	Sewer Force main	Construction	309,875.00	309,875.00	100%	-	-
Totals			204,438,503	140,244,459	69%	13,099,054	51,094,990

Date of break/PBWN	Q Alert#	Address	Type
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10/5/2022	982441	1228 NE 3RD AVE	
10/6/2022	982894	SE 5TH ST AND A1A INTERSECTION	
10/10/2022	779831	833 SW 11th Ct	
10/10/2022		801 Sea Breeze Blvd	
10/22/2022	985971	6610 NE 21 AVE	

Total Breaks

5

Size in inches	Cause	Cost	Water Loss	Precautionary Boil Water Notice
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	EMERGENCY REPAIR			
6	EMERGENCY REPAIR			
6	EMERGENCY REPAIR			
6	EMERGENCY REPAIR			
	EMERGENCY REPAIR			

Impacted
Properties

Date of break/SSO	Q Alert#	Address	Type

Total Breaks

0

Size in inches	Cause	Cost	Volume (Gal)	SSO Issued

Impacted
Properties