

Agenda Item # 1(ii)  
Approval of Agenda

**Infrastructure Task Force Advisory Committee**  
**Monday, February 7, 2022, 2:00pm to 5:00pm**  
City Hall - 8th Floor Conference Room

Attendance in person is required to speak on an item.  
To view the meeting, click [FLTV](#) or [YouTube](#).

**Agenda**

1. Call to Order:
  - i. Roll Call
  - ii. Approval of Agenda
  - iii. Approval of Previous Meeting Minutes – January 6, 2022
2. Address from City Manager, Chris Lagerbloom
3. General Discussion and Comments by Committee Members
4. Public Comments (at Each Item)
5. Old Business
  - i. Status of the RFP for the city's "Business Representative" regarding the New Water Treatment Plant
6. New Business
  - i. Ernst and Young Analysis of the Unsolicited Proposals for the new Water Treatment Plant
7. Public Works Update
  - i. Water & Sewer Breaks Report 2021 w/Mapping
  - ii. CIP Financial Report
    1. Unfunded Balance Account
  - iii. Impact Fees – Usage
8. Adjournment
9. To be Discussed at the March 7th Meeting
  - i. Top 10 unfunded priority projects list
  - ii. Status update on the \$200 million stormwater bond
  - iii. New member training from dept director and staff
  - iv. Update on the smart meter project (AMI)

**Committee Members:**

Marilyn Mammano  
Ralph Zeltman  
Peter Partington  
Roosevelt Walters  
Jacquelyn Scott  
Gerald Angeli  
Michael Marshall  
Shane Grabski  
Charlie Ladd  
James LaBrie

**Purpose:** The purpose of the Infrastructure Task Force Advisory Committee is to review existing City infrastructure including, but not limited to: roads, sidewalks, airports, seawalls, water and wastewater distribution and collection systems, treatment plants, well fields, parks and all City facilities and structures and examine their current condition, review and identify the repair or replacement as well as funding sources and financing alternatives for those infrastructure, to receive input from members of the public interested in infrastructure, and to provide a report with recommendations to the City Commission as spelled out in Resolution 17-46.

**NOTE:** Two or more City Commissioners and/or Advisory Board may be present at this meeting. If any person decides to appeal any decision made with respect to any matter considered at this public meeting or hearing, he/she will need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based. If you desire auxiliary services to assist in viewing or hearing the meetings, or reading meeting agendas and minutes, please contact the City Clerk's Office at 954-828-5002 at least two days prior to the meeting and arrangements will be made to provide those services for you.

Agenda Item # 1 (iii)  
Approval of Previous Meeting Minutes



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

CITY OF FORT LAUDERDALE

**January-December 2022**

**Attendance**

Marilyn Mammano, Chair (arr 2:08)	P	1	0
Gerald Angeli	P	1	0
Shane Grabski	P	1	0
James LaBrie	P	1	0
Charlie Ladd	A	0	1
Michael Marshall	P	1	0
Peter Partington	P	1	0
Jacquelyn Scott	P	1	0
Roosevelt Walters	P	1	0
Ralph Zeltman	P	1	0

As of this date, there are 10 appointed members to the Committee, which means 6 would constitute a quorum.

**Staff**

Seemee Callier, Senior Administrative Assistant and Committee Liaison  
 Dr. Nancy Gassman, Assistant Director of Public Works -- Sustainability  
 Victor Carosi, Assistant Director of Public Works – Engineering  
 Omar Castellon, Assistant Director of Public Works – Engineering  
 Igor Vassiliev, Project Manager II  
 Carla Blair and Jamie Opperee, Recording Secretary, Prototype, Inc.

**Communication to the City Commission**

**Motion** made by Mr. Partington, seconded by Ms. Scott, that in principle, the ITF opposes any bridge crossing the New River for commuter rail in the Downtown. In a roll call vote, the **motion** passed 8-0.

**1. Call to Order**

**i. Roll Call**

The meeting was called to order at 2:03 p.m. and roll was called. It was noted a quorum was present.

**ii. Approval of Agenda**

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

### iii. Approval of Previous Meeting Minutes – December 6, 2021

Mr. Partington commented that he would discuss infrastructure funding priorities further at today's meeting, as he wished to clarify his statements on this item made at the December 6, 2021 meeting.

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

## 2. General Discussion and Comments by Committee Members

Mr. Partington addressed infrastructure funding priorities as noted earlier, stating that the Infrastructure Task Force Advisory Committee (ITFAC) has asked City Staff to bring a list of the highest-prioritized projects before the City Commission at regular intervals. This list would include projects involving infrastructure that has been identified as high-risk by City consultants, although funding has not yet been identified for all such projects. He asserted that he did not wish to see a repeat of circumstances from six to eight years ago, at which time it was known that some of the City's infrastructure was at high risk and would be expensive to address. He felt this situation had not been adequately brought to the attention of the City Commission at that time.

Mr. Partington continued that should any incidents involving City infrastructure occur, he wished to ensure that they have been fully reported to the Commission and identified as high-risk. He reminded the Committee that they have made multiple attempts to have the Commission explicitly address the need for additional funding for infrastructure; however, the mechanisms proposed by the Committee were determined not to be acceptable.

Mr. Partington concluded that while he acknowledged that Staff may be under pressure to primarily report good news to the City Commission, he was concerned that there may be insufficient funds to address all of the City's infrastructure needs.

Chair Mammano arrived at 2:08 p.m. Mr. Partington ceded the gavel to her at this time.

Ms. Scott asked how Mr. Partington might wish to proceed regarding the transmission of his comments to the City Commission. Mr. Partington replied that he felt the Committee has fully explored all mechanisms by which they could communicate these concerns directly to the Commission. They have also asked Staff to express these concerns. He noted that Staff has begun work on a list of projects requested at the previous meeting. He wished to see a reconciliation of the various reports and examinations that have been previously provided regarding infrastructure projects, as well as the levels of funding assigned to these projects, to avoid a crisis similar to the one that had existed approximately eight years ago.

Mr. Partington again urged Public Works Staff and the Public Works Director to bring a list of high-priority, high-risk projects before the Commission, with the identification of funding sources or the clarification that no funding has been identified at this time. This would show the Commission that a gap exists between what is allocated to these projects and the infrastructure needs of the City.

Chair Mammano advised that there will always be a gap between needs and funding. She felt the greater issue in light of this is prioritizing high-risk projects correctly, and recalled that priority is assigned depending on the following:

- Items that have already broken and must be repaired on an emergency basis
- Items mandated by the federal and state governments

Omar Castellon, Assistant Director of Public Works (Engineering), stated that Staff is working on the list of projects to which Mr. Partington had referred and would provide it by the next Committee meeting. It will include both funded and unfunded priorities.

Mr. Walters observed that the list should be considered a living document, so items can be added to it as their priority increases. Mr. Castellon confirmed that the list will be updated to add projects and note when they have been completed.

Mr. Partington pointed out that Consent Order projects are only prioritized at present because the City was forced to address them by the state. He recalled that a previous iteration of the Committee had recommended that the City Commission set aside 8% to 10% of the City's General Fund to address these capital needs; however, the Commission did not agree to this.

Mr. Walters suggested that the Committee ask Staff to determine if there is a lesser percentage of the General Fund that the Commission may be willing to set aside for this purpose. Chair Mammano recalled that the Committee had proposed this set-aside funding as a matter of principle, but the Commission has been resistant to this proposal. She noted that the City's Budget Advisory Board has also attempted to identify a funding source for these projects, but was also unsuccessful in this attempt.

Mr. Marshall explained that the City's budget remains thin, and the City had used some of the emergency funds provided as COVID-19 relief to address its budget shortfall. There is very little margin at present, based upon current revenue streams. This was one reason the Budget Advisory Board, of which he is a member, is exploring the possibility of increasing the City's millage rate for the first time in several years.

Ms. Scott commented that the only way to secure funds may be to show that there is a problem. She recommended continuing to bring the City's infrastructure needs before the Commission to show them what is happening and what is needed. This could help in their consideration of increasing the millage rate. She agreed that a 5% to 10% set-aside in the General Fund would be insufficient to the City's needs.

Chair Mammano noted that today's Agenda includes an update for the Committee on the City's strategy for securing federal infrastructure funds, as this may be the only source of funding with a magnitude sufficient to address the City's needs. At present, there is no source of funding for capital improvements other than what is left over after other needs are addressed.

Mr. Marshall advised that the City's Enterprise Funds are intended to maintain levels of service rather than to generate profits. He emphasized that a new injection of funds would be necessary to take on infrastructure needs. Chair Mammano observed that these injections of funding have come through bonds in the past, which have secured funds for Consent Order projects and other public needs. Another source is the Broward County transportation sales tax.

Mr. Zeltman stated that the first order of business should be establishing priorities among the various types of infrastructure projects. He recalled that when the Committee began work in 2017, sanitary sewer gravity mains were the greatest priority, while at present the Fiveash Water Treatment Plant seemed to be emerging as the greatest concern due to its need for upgrade or replacement. Another higher priority at present is the storm drainage system. He emphasized the need to focus on these critical pieces of infrastructure, as their priority is likely to change over time.

Chair Mammano noted that at a previous meeting, Public Works Director Alan Dodd had indicated the highest priority for City Staff is the address of inflow and infiltration (I&I). Mr. Zeltman agreed, pointing out that I&I has a negative impact on gravity sewers, pump stations, and force mains, as well as added flow into the George T. Lohmeyer Wastewater Treatment Plant.

Chair Mammano suggested that Staff could be asked to provide a component-specific report to the Committee on occasion to update them on progress in addressing I&I. This could include the amounts already spent and budgeted, how much more funding is expected to be needed, and other aspects of concern. She expressed concern that continued focus on water treatment plants could be counterproductive, as the funding numbers involved in this discussion are very high.

Mr. LaBrie requested clarification of what the Committee is asking for. Chair Mammano explained that the Committee has previously asked Staff to prepare a "top ten" list of projects to be addressed in the next budget cycle. Mr. Castellon had confirmed that Staff is currently working on this list. Mr. Partington added that he was particularly concerned with projects for which funding has not yet been identified.

Mr. LaBrie referred to backup documents showing the percentage of funding spent to address various issues among Consent Order projects, including I&I, a Master Plan, sewer basins and force mains, and stormwater, among others. He pointed out that stormwater expenses are among the lowest on this list. Mr. Castellon advised that the Consent Order is intended for sewer and wastewater treatment uses. Some of the

sewer projects listed in the documents include a stormwater component, and were added to the Consent Order in order to accomplish them as well.

Mr. Partington further clarified that when work is underway to repair or replace sewer pipes, it is sensible to also address stormwater issues that may occur at the same location. He recommended that in the future, the Committee see an update on the status of the \$200 million stormwater bond as well.

Chair Mammano recalled that consultant Hazen and Sawyer had prepared the City's Stormwater Master Plan. She agreed that the Committee should also be presented with updates on the stormwater bond. Mr. Castellon confirmed that bond funds will be available in October 2023.

Mr. Castellon also clarified that other funding, in addition to the \$200 million bond, is available for some Consent Order projects. Some will be funded through the City's Capital Improvement Program (CIP). Chair Mammano proposed that Mr. LaBrie, as well as any future new members of the Committee, may wish to meet with Staff so they can be brought up to speed on issues the Committee has already discussed over time.

Mr. Castellon advised that the City has not yet received the full \$200 million of the stormwater bond. At present, they are working on two projects to be covered by this bond, which cost a combined \$70 million. Fewer stormwater projects have been completed thus far because the entirety of the bond has not yet been received.

Mr. Partington requested a presentation or update for the Committee on the City's smart water meter program at a future meeting.

Mr. LaBrie asked if the ITFAC has been involved with any agreements for repairs to the Fiveash Water Treatment Plant. Chair Mammano explained that there are ongoing maintenance issues for that plant, and that the Committee has determined they would not become involved in the minutiae related to this plant and other Public Works projects.

Mr. LaBrie also addressed a Resolution from a recent City Commission meeting, which urged the Florida Department of Transportation (FDOT) to consider a tunnel as "the future of commuter rail services." He asked if the Committee has had any involvement in the development of that Resolution. Chair Mammano replied that the Committee has not been asked to become involved in this issue.

Ms. Scott stated that she would like the Board to consider having a discussion of the tunnel issue, pointing out that they have an opportunity to support the Mayor's interest in the potential construction of a tunnel. Mr. Zeltman noted that he had been involved in this discussion and had offered a number of pros and cons for the tunnel concept, including environmental considerations related to different types of aquifers, as well as other concerns. He felt one of the most important considerations for a tunnel in South

Florida was likely to be the potential for water intrusion into the facility, particularly saltwater, which is prevalent in the area for which the tunnel is proposed.

Mr. Zeltman continued that he would like to see a tunnel successfully constructed, as it would have a positive effect on reducing traffic; however, he reiterated the importance of considering the pros and cons of this infrastructure before undertaking a project of this nature.

Mr. Partington noted that the issue Mr. LaBrie had raised was the Mayor's position, which opposed FDOT's proposal to cross the New River with a high-level bridge to serve commuter rail. The Mayor had expressed concern for the potential consequences of this proposal, and has encouraged the public to oppose the bridge as well. He suggested that the Committee may have a role to play in understanding why FDOT appears to strongly oppose a tunnel, as this opposition has not yet been adequately explained.

Chair Mammano pointed out that the Committee was not involved in the discussion of the recent Resolution, as it does not address the construction or cost of a tunnel but instead states the City's preference for a tunnel. The Committee may be able to provide input at a later point in discussion of the proposed tunnel.

Ms. Scott asserted that a bridge would serve to divide the City and harm neighborhoods located beneath it, and she did not feel it was appropriate to take a position on the bridge or tunnel based on cost alone. She was supportive of the tunnel concept because she felt it would be better for the City in the long term.

Mr. Walters commented that while he would be supportive of a tunnel beneath the New River, he would not support a tunnel that goes to the Fort Lauderdale Beach, the airport, or other potential destinations. Mr. Zeltman agreed that if the geology of the subject area and other considerations provide evidence that a tunnel would be feasible, he could also support a tunnel beneath the New River. It was clarified that the only item the Committee would discuss would be a tunnel beneath the New River, with no consideration of a tunnel leading to the beach.

Mr. LaBrie advised that the Mayor had made a compelling case in favor of a tunnel, although some concerns were raised regarding potential funding for this proposal. The item was tabled by the Commission pending a meeting with FDOT before the Commission offers a final comment in support of a tunnel. He noted, however, that the Commission appeared to show consensus in favor of a tunnel, and there is support at the County and federal levels as well. Ms. Scott agreed with this assessment.

Mr. Angeli observed that the Committee should request "the whole story" regarding the proposed tunnel, including reasons why it would be preferable to a bridge. He pointed out that marine traffic would also be a factor in this decision, as boats use the New River to access marinas. There are already conflicts between the rail and marine

communities, both of which have different concerns regarding the positioning of the bascule bridge.

Mr. Marshall agreed that there are a great many missing details at this point which could provide context to a discussion of a bridge or tunnel. He felt it was obvious that a tunnel would be aesthetically preferable to a bridge, due in part to the potential for negative effects of an elevated bridge on neighborhoods near it. Other concerns include the design, structure, and substructure of a bridge. He also noted the potential expense of a tunnel, and concluded that there may be more options than just a bridge or tunnel to reduce commuter congestion.

Mr. Grabski commented that he was also hesitant to offer an opinion without more information, particularly with regard to feasibility. He noted that he would like to see FDOT's information, as they may have seen something to dissuade them from moving forward with a tunnel. Chair Mammano suggested that the Committee consider asking FDOT to provide them with a presentation on this issue. Ms. Scott did not agree with this proposal, as she felt strongly that the City needs all the support they can get regarding a tunnel versus a bridge.

Mr. Marshall cautioned that he did not feel he could say what is best for the City at this point, as the Committee does not have all the information at this time. Ms. Scott asserted that several Downtown neighborhoods would be adversely affected by construction of a bridge. It was noted that the proposed bridge would be as high as and longer than the 17<sup>th</sup> Street Causeway.

Mr. Grabski advised that three alternative heights were proposed for a bridge: 25 ft., 55 ft., and 80 ft. The 25 ft. bridge would be raised and lowered as often as the existing bridge, which would not alleviate the issues between marine and rail traffic. At 55 ft., the starting and ending points of a bridge would have to be elongated in order to provide sufficient grade for trains. For 80 ft., this would require even more distance. Mr. Grabski concluded that the 55 ft. bridge was the only viable bridge alternative, and this would still need to be raised and lowered at times.

Mr. Zeltman observed that other considerations for a tunnel would include its effect in 20 to 30 years if the density of the City's zoning areas continues to intensify. While it could address immediate problems, its long-term consequences are still unknown, which made it difficult to determine whether or not it might work. He felt the positives, negatives, costs, and prospective lifetime of the proposed tunnel must all be considered.

Chair Mammano expressed concern with the possibility that the Committee might feel pressured to take a position without having been provided sufficient information. She suggested that they encourage the City Commission to urge FDOT to "back off" on the proposed bridge. It was noted that FDOT's project development and environmental

(PD&E) phase, which evaluates the feasibility of various options, is scheduled to conclude in 2022.

Mr. Partington made the following **motion**: that the Infrastructure Task Force is opposed to any bridge crossing the New River for commuter rail and Brightline, and the only new crossing of the New River should be in a tunnel, if needed. Ms. Scott **seconded** the **motion**.

Mr. LaBrie recalled that some of the discussion of this issue at the previous night's City Commission meeting had addressed the fact that the owners of the train currently using the bridge do not want to travel further west to use a different track, as they would have to pay for use of a track they do not own. They do not want to use a tunnel for the same reason.

Mr. Marshall suggested adding a clause to the **motion** addressing the feasibility of a tunnel. Mr. Partington did not wish to add this qualification, however, pointing out that at present the discussion is in very broad terms. He emphasized that thus far, no member of the Committee has spoken in favor of a bridge.

Mr. LaBrie reiterated that the Commission had not voted on this item at last night's meeting, as they have a meeting scheduled with FDOT. He felt it would behoove the Committee to be involved in or at least attend this meeting if possible. Ms. Scott was in favor of this as an opportunity to offer support for a tunnel. Mr. Zeltman agreed that they should seek more information on the issue.

Mr. Partington restated his **motion** as follows: **motion** that, in principle, the ITF is opposed to any new bridge for commuter rail within the Downtown crossing the New River, and is only in favor of a tunnel if there is to be a new crossing for rail. Ms. Scott **seconded** the restated **motion**.

Mr. Marshall suggested an **amendment** to the **motion**: to state only the Committee's clear opposition to a bridge in the Downtown. Mr. Partington accepted the **amendment** and agreed to drop the second half of his **motion** which mentioned the tunnel.

The **motion** was restated once more: **motion** that in principle, the ITF opposes any bridge crossing the New River for commuter rail in the Downtown.

In a roll call vote, the **motion** passed 8-0.

**3. Public Comments (at Each Item)**

**4. Old Business**

**i. Update on Communication to the City Commission**

Chair Mammano asked when the Committee's most recent communication to the City Commission would be seen by the Commission. Mr. Castellon advised that it would go before the Commission at their January 18, 2022 meeting. Mr. Partington noted that January 18 is also the date upon which the unsolicited proposals for the Fiveash plant will "come out of the shade" for public discussion.

Chair Mammano asked when today's motion of support would go before the Commission as well. Ms. Callier replied that it takes approximately one week for meeting minutes to be produced, followed by Staff review of the document. In addition, the City Clerk must receive any Commission Agenda items by the Wednesday prior to the next Commission meeting, which would mean there may not be sufficient time to receive the minutes and place the item on the Commission's January 18 Agenda.

Chair Mammano asked if it would be possible for Committee members to attend the January 18 meeting and inform the Commission that their motion was made. Ms. Callier confirmed that any resident may attend this upcoming meeting and provide comments.

Boyd Corbin, member of the public, stated that the unsolicited bids referred to earlier are already "out of the shade" and are a matter of public record. He added that at the most recent City Commission meeting, the Commission had indicated that at their January 18 meeting, they plan to make a decision to either accept one of the unsolicited bids or move forward in a different way regarding the construction of a new water treatment plant.

Mr. Corbin continued that City consultant Ernst and Young has also prepared a report for the Commission regarding the unsolicited proposals. He recommended that the Committee request both information on these bids and the Ernst and Young report.

Chair Mammano requested clarification of whether the unsolicited bids are now publicly available. Mr. Castellon replied that he did not believe this was the case, but he would check on this for more information.

**ii. Update on the City's response to the "Summary Report and Recommendations of the Broward County Condominium Structural Issues Committee"**

Mr. Castellon stated that no update on this Item is available at this time.

**iii. Update on the City's strategy for getting Federal Infrastructure Funds**

Mr. Castellon advised that Public Works is hiring an individual to assist with grant applications. They are also applying for mitigation funding from the County for projects that could be damaged in a hurricane or other climate-related event. He estimated that there are nine or ten such projects, and confirmed that the Committee can be provided

with a list of these. He added that the City is applying for several grants and other funding.

Mr. Partington expressed concern that the City's lobbyists need to be briefed on the City's grant needs and priorities. Mr. Walters requested clarification of the grant assistant's responsibilities. Mr. Castellon replied that the assistant will write the grant applications and coordinate their submission.

Chair Mammano asked if it would be possible for the Committee to meet with the City's state and/or federal lobbyists. She also requested clarification of the City's "key priority projects," and asked that Public Works Director Alan Dodd attend the next meeting to discuss the issue of grants further. Mr. LaBrie proposed inviting the City Manager to address the Committee regarding the City's grant strategy.

Ms. Scott asked if the City already has an individual on staff who pursues grants, noting that the addition of a Public Works grant assistant would mean there is now one more such individual who focuses on that Department alone. Mr. Castellon confirmed this. Ms. Scott asked if the City's grant employee has been able to secure any grants specifically related to infrastructure and Public Works. Mr. Castellon confirmed this as well. Chair Mammano asked if a representative of the City's Grant Department could also be asked to attend a future meeting.

Mr. Partington commented that he was still not clear on how the addition of a Public Works grant writer would proceed with seeking state and federal grant funds. Mr. Castellon advised that the City Manager and Public Works Director Alan Dodd would be more familiar with this information. Chair Mammano asserted again that the Committee needed to speak with the City Manager at their next meeting.

**iv. Update on the Resolution reestablishing the Infrastructure Task Force Advisory Committee**

Mr. Castellon reported that the Resolution continuing the ITFAC has been approved and is awaiting the City Manager's signature. This Resolution extends the existence of the Committee for another three years.

**5. New Business**

It was noted that New Business had been discussed earlier.

**6. Public Works Update**

**i. Water & Sewer Breaks Report 2021 w/Mapping**

Mr. Castellon stated that the Committee members' backup materials included a report on these breaks from January-December 2021. He noted that only six breaks in water

infrastructure occurred throughout the entire year, and most breaks occurred in smaller pipes. Mr. Partington added that the last significant sewer main break occurred in October, spilling 1500 gallons.

Mr. Castellon continued that only a small portion of the City's main sewer line remains unaddressed, and will be repaired as part of the Consent Order before 2026.

Chair Mammano suggested that consultant Hazen and Sawyer be invited to attend a future meeting to provide an update on how many of the high-risk areas they had identified have been addressed.

Chair Mammano noted that the City Commission will soon be asked to approve the second \$200 million in bond funding. Mr. Castellon confirmed that the paperwork for this next approval is already underway.

## **ii. CIP Financial Report**

### **1. Unfunded Balance Account**

Mr. Partington expressed concern that the balance of unspent funds does not change significantly month over month. He noted in particular the \$15.7 million balance for upgrades to the Fiveash plant, asking if some of these funds might be freed up depending upon what happens with the unsolicited public-private partnership (P3) proposals. Mr. Castellon replied that if all of these funds are not needed for Fiveash, they would be transferred to other critical projects. He emphasized, however, that it is not yet known how much of this balance may be needed for Fiveash improvements.

Mr. Zeltman recalled that the Committee had previously discussed a proposal for a sixth injection well system at the George T. Lohmeyer plant. Because I&I is currently being addressed, this additional well may not be required. He asked if there has been any indication that I&I is less severe than it once was. Mr. Castellon replied that at present, the sixth well is not needed, and continued work on I&I is expected to eliminate the need for a sixth well. He cautioned, however, that it is possible that the population may continue to increase 20 to 30 years in the future, at which point the additional capacity of a sixth well would be needed.

Mr. Castellon continued that there has been significant improvement in I&I in places where this issue has been addressed. He noted that Hazen and Sawyer has prepared a report that quantifies this difference. Chair Mammano stated that when Hazen and Sawyer addresses the Committee in the future, the Committee would also like to hear their analysis of the impact the I&I work has made. Mr. Zeltman noted that part of this impact is reflected in the City's pump stations, which now pump for shorter periods due to the reduction in I&I.

Mr. Grabski asked if Hazen and Sawyer has prepared a map showing the infrastructure that has been lined thus far as well as what still needs to be addressed in the future. Mr. Castellon advised that the consultant has prepared a map of the six critical basins included in the Consent Order; other basins, which the City is addressing on its own, are being tracked by the City itself.

Mr. Partington addressed an item in the backup materials which shows a \$14 million balance for an effluent pump standby generator and administration building at the Lohmeyer plant. Mr. Castellon replied that this project is currently in the planning phase. Most of these dollars would be used toward the standby generator, while a small amount may have been set aside for improvements to the administration building. He noted that he would need to look into this item further to determine how it was budgeted and how the \$14 million figure was calculated.

Mr. LaBrie requested additional information on the water/sewer fee report included in the members' backup materials. Chair Mammano explained that impact fees are collected from developers and may only be used toward new projects. The report shows the projects toward which these funds have been used.

### **iii. Impact Fees – Usage**

Chair Mammano commented that since the state of Florida has amended its regulations regarding the use of impact fees, the use of these fees is now being reported in the CIP on a project-by-project basis.


## **7. Adjournment**

There being no further business to come before the Committee at this time, the meeting was adjourned at 4:14 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.]

Agenda Item # 6 (i)  
Ernst & Young Report



# Fiveash Water Treatment Plant Proposal Evaluation – Comparative Report Summary

City of Fort Lauderdale

18 January 2022

# Disclaimer

# Outline

- I. Background and Approach**
- II. Preliminary Considerations**
- III. New WTP Evaluation Considerations**
  - 1. Commercial Value and Risk Transfer**
  - 2. Technical Considerations**
  - 3. Financial Terms and Certainty**
- IV. Water System Concession Considerations**
- V. Next Steps**

# I. Background and Approach

## Background

Between May and September 2021, the City of Fort Lauderdale (the “City”) received unsolicited proposals (“Proposals”) from four consortia (“Proposers”) under Chapter 255.065 of the Florida Code (“P3 Regulation”) to develop a new Water Treatment Plant (“New WTP”) in Fort Lauderdale, FL through a long-term Public-Private-Partnership (“P3”) arrangement and, in one instance, to assume the renewal, operations and management of the City’s entire water system (“Water System”). The City engaged Ernst & Young Infrastructure Advisors, LLC (“EYIA”) to undertake a preliminary analysis of each Proposal on the basis of its own financial and commercial considerations (“Evaluation Reports”). The City has further engaged EYIA to provide a comparative analysis of the Proposals to inform the City’s ranking of the Proposals, in accordance with the P3 Regulation, in order to determine a Preferred Proposer (as defined in the P3 Regulation) with whom to negotiate further. An introduction to each Proposal, in alphabetical order, is provided below:

### Aqualia Team

Consortium composed of FCC Aqualia, S.A. (“Aqualia”) (financing construction and operations) and FCC Construction, Inc. (“FCC”), Primoris Services Corporation (“Primoris”) and CES Consultants Inc. (“CES”) (collectively the design and construction team) – (the “Aqualia Team”). The Aqualia Team will deliver a 33.5-year P3 project comprising:

- Financing and design/construction of a replacement of the existing Fiveash WTP (“Fiveash”) with a new 50 million-gallon-per-day (“MGD”) WTP at the City’s Prospect Wellfield site.
- Operation and maintenance of the New WTP

The City will make regular Availability Payments (“AP”) for the duration of the contract period.

### FLW Team

Fort Lauderdale Water consortium composed of SUEZ Water Environmental Services Inc. (“SUEZ”) (operations, financing), Kohlberg Kravis Roberts & Co. L.P. (“KKR”) (financing) and Garney Construction (“Garney”) (design and construction) – (the “FLW Team”). The FLW Team will take over the management of the Water System through a 50-year agreement (“Concession”) including:

- Financing and design/construction of the New WTP
- O&M and rehabilitation of the Water System
- Billing and collection of water rates directly with rate payers

Rates would be determined by a formula in the agreement with the FLW Team and would fund the Concession. The FLW Team advised that it would be willing to undertake the replacement of Fiveash without the full system concession if that is the City’s preference.

### IDE Team

Consortium composed of IDE Technologies (“IDE”) (design, construction and operations) Ridgewood Infrastructure (“Ridgewood”) (financing) and Kiewit Corporation (“Kiewit”) – (the “IDE Team”). The IDE Team will deliver a 32.2-year P3 project comprising:

- Financing and design/construction of a replacement of Fiveash with a new 50 MGD WTP at the City’s Prospect Wellfield site.
- Operation and maintenance of the New WTP

The City will make regular APs for the duration of the contract period with a minimum “take-or-pay” offtake of 50MGD (but willing to review this approach).

### NextSpring Team

Consortium composed of NextEra Energy Capital Holdings, Inc (“NextEra Capital”) (financing), NextSpring Water Investments LLC (design and construction) and U.S. Water Services Corporation (“US Water”) (operations) – (the “NextSpring Team”). The NextSpring Team will deliver a 34-year P3 project comprising:

- Financing and design/construction of a replacement of Fiveash with a new 50 MGD WTP at the City’s Prospect Wellfield site.
- Operation and maintenance of the New WTP

The City will make regular APs for the duration of the contract period based on a minimum “take-or-pay” offtake of 30MGD

# I. Background and Approach

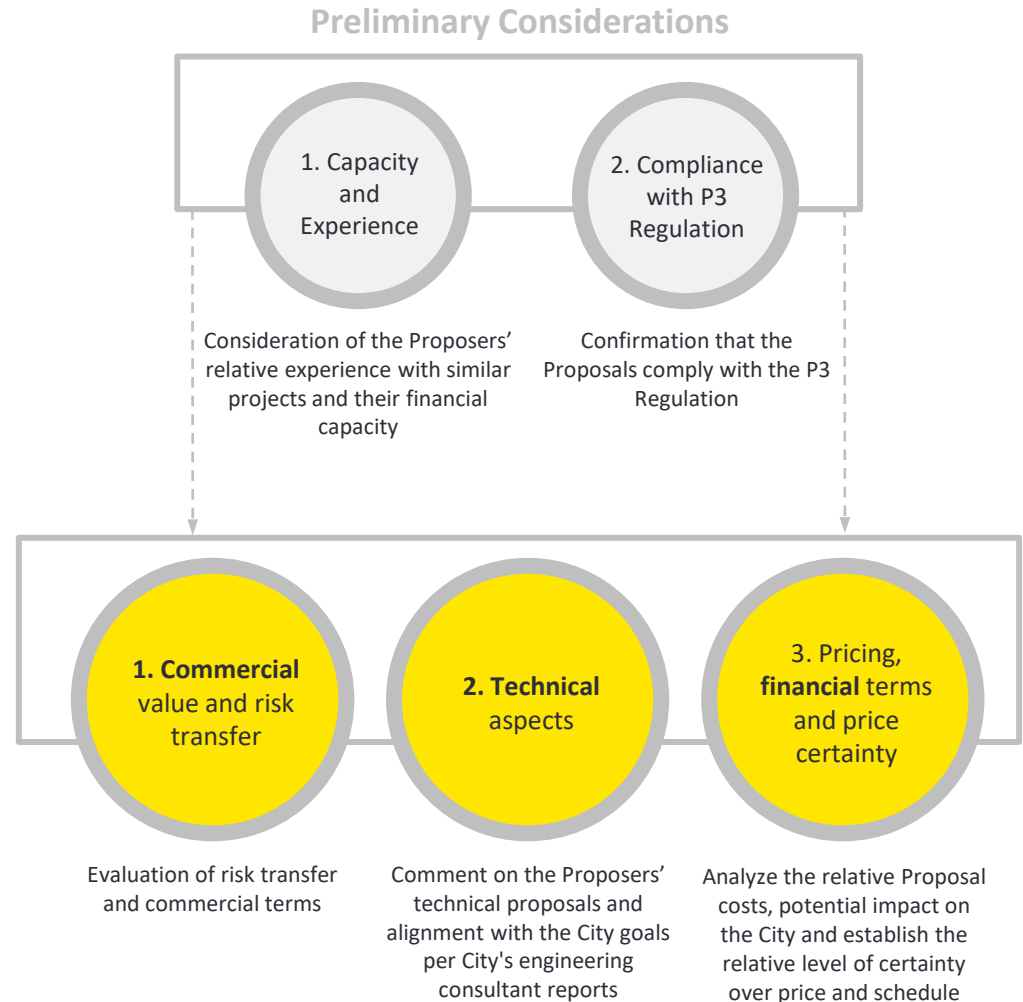
## City Priorities and Evaluation Criteria

### Evaluation Framework

The analysis aims to provide the City with objective information in order for it to be able to rank the four Proposals, and establish pros and cons, against three key criteria, shown to the right and identify a Preferred Proposer, if any, with which to continue negotiations.

The analysis is contained in three sections:

1. It first considers the **extent to which each Proposal meets the Preliminary Considerations** identified in the adjacent graphic (Section II) for the delivery of the New WTP and/or Water System concession, as relevant.
2. The analysis goes on to **consider the Proposals relating to the delivery of the New WTP** through three different lenses, including commercial, technical, and financial aspects (including the level of price and schedule certainty included in the Proposal) (Section III). These are the same criteria used in the Evaluation Reports for each Proposal.
3. Finally, the analysis addresses the **unique considerations relating to the FLW Team's proposed Water System concession proposal** (Section IV).



## II. Preliminary Considerations

# 1. Capacity and Experience

	The Aqualia Team	The FLW Team	The IDE Team	The NextSpring Team
<b>Key team members</b>	<b>Equity Provider and Operator: Aqualia</b> <b>Construction: FCC Construction Inc, Aqualia, CES and Primoris</b>	<b>Equity Provider: SUEZ and KKR</b> <b>Construction: Garney</b> <b>Operator: SUEZ</b>	<b>Equity Providers: IDE and Ridgewood</b> <b>Construction: Kiewit</b> <b>Operator: IDE</b>	<b>Equity Provider: NextEra Capital</b> <b>Construction: NextSpring Water Investments, LLC</b> <b>Operator: US Water</b>
<b>Financial capacity comments</b>	Aqualia has total assets of €3.4 billion and revenues of €1.2 billion (four-year increase of 15%) in 2020.  FCC Construcción, S.A. is providing a parent company guarantee for FCC Construction Inc. It holds total assets and revenues of €3.8 billion and €1.73 billion, respectively. Its profits have decreased in recent years but FCC Construcción, S.A. remains a substantial construction company.	KKR has over \$218 billion in assets under management and saw increases in revenues and net income in the short-term to \$2.7 billion and \$1.8 billion, respectively. SUEZ has over \$5.8 billion in assets and year-over-year increases in revenue (\$847 million) and income (\$157 million) from 2019 to 2020 of 11%.  Garney's revenues decreased by 6% to \$1.04 billion and gross profit and net income decreased in 2020 by 18% to \$158 million and 35% to \$59 million, respectively. Garney had \$558 million in assets as of 2020.	Each team member has indicated financial strength through operating profit, revenue and investments in the short and medium-term.  <ul style="list-style-type: none"> <li>• IDE has profits of \$29 million and cash reserves of \$55 million in 2020, based on \$64m turnover.</li> <li>• Ridgewood had \$161 million in investments in 2020, an increase of 500% from 2016.</li> <li>• Kiewit has nearly \$12 billion in revenues in 2020.</li> </ul> <p>The performance of the contract will be a material component of IDE's revenue. The capital and guarantee structure underpinning the transaction recognizes this, but the financial efficiency of the solution requires further diligence,</p>	NextEra Energy, Inc. (the parent and guarantor of NextEra Capital and NextSpring Water Investments, LLC) has \$18 billion in revenues and increasing operating revenues in the medium-term.  US Water's 2020 revenues and profits have increased to \$93 million and \$16 million, respectively.  The performance of the contract will be a material component of US Water's revenue, and the appropriateness of the capital and guarantee structure underpinning the transaction requires further diligence in this context.
<b>Sources</b>	<i>FCC Aqualia, S.A. &amp; Subsidiaries Financial Statements y/e – 31 Dec. 2018, 2019, 2020</i> <i>FCC Construcción, S.A. &amp; Subsidiaries Financial Statements y/e – 31 Dec. 2018, 2019, 2020</i>	<i>Garney Holding Co. &amp; Subsidiaries Financial Statements y/e – 31 Dec. 2018, 2019, 2020</i> <i>SUEZ Water Inc. &amp; Subsidiaries Financial Statements y/3 – 31 Dec. 2019, 2020</i> <i>KKR &amp; Co. Inc. SEC Form 10-K - 2020</i>	<i>IDE Technologies Ltd. Financial Statements y/e – 31 Dec. 2018, 2019, 2020</i> <i>Ridgewood Water &amp; Strategic Infrastructure Fund, L.P. Financial Statements y/e – 31 Dec. 2018, 2019, 2020</i>	<i>Nextera Energy, Inc. / Florida Power &amp; Light Company SEC Form 10-K – 2018, 2019, 2020</i> <i>U.S. Water Services Corp. Reviewed Financial Statements – 31 Dec. 2018, 2019, 2020</i>

## II. Preliminary Considerations

# 1. Capacity and Experience

	The Aqualia Team	The FLW Team	The IDE Team	The NextSpring Team
<b>Experience comments</b>	<p>Aqualia has delivered over 400 water and other P3 projects globally, however has not delivered WTPs in the US.</p> <p>While FCC Construction Inc. has experience working across various projects in the US, its experience is primarily outside of the water sector. FCC Construcción, S.A., however, recently completed El Realito Aqueduct System P3 in Mexico amongst other water infrastructure projects in North America.</p> <p>Primoris and CES (design and construction team) are headquartered in Florida and have experience working on WTP projects in Florida and the City of Fort Lauderdale. This includes the El Realito Aqueduct System P3 in Mexico and the existing Fiveash WTP.</p>	<p>SUEZ and KKR have experience teaming on past WTP concessions in the US which included a similar scope to what is proposed for the City (e.g., Bayonne water system, \$157 million). Garney has developed water treatment facilities and P3 projects across North America and was ranked in 2019 by Engineering News Record as No.1 in Water/Sewer/Waste.</p>	<p>The IDE Team has experience in US and global water infrastructure delivery. IDE specializes in the development of WTPs, Ridgewood is currently financing the delivery of the largest water P3 project in the US and Kiewit has over 35 years' experience in Florida, including \$2 billion of work on water facilities in the southwestern US.</p>	<p>Has no prior development experience of large scale municipal WTPs. It has, however, constructed and operated water treatment projects with a similar technology configuration (albeit smaller scale) to that proposed for the City as part of its energy project portfolio. Its parent company has significant experience in capital investments (\$14.6 billion of capital investment in 2020).</p> <p>US Water has extensive experience operating WTPs in the City, Florida and the US.</p>
<b>Overall comments</b>	<p>The Aqualia Team has global water infrastructure experience mixed with local design and construction experience. The equity provider, operator and principal construction entity have indicated financial stability and improvement over the medium term.</p>	<p>The FLW Team has experience delivering the same project scope in the US. The team has also indicated a its history of infrastructure investment and profitability.</p>	<p>The IDE Team has indicated extensive local municipal and water experience. Smaller in size when compared to some of the other Proposers, the equity partners have still indicated profitability and positive investments.</p>	<p>NextEra has no large scale municipal WTP infrastructure experience, however intends to leverage its utility development experience and US Water's WTP operating experience. NextEra has indicated profitability over the medium-term.</p>

## II. Preliminary Considerations

# 2. Compliance with P3 Regulation

P3 Regulation Requirement	The Aqualia Team	The FLW Team	The IDE Team	The NextSpring Team
Project description including conceptual design and schedule	Yes	Yes	Yes	Yes
Description of method to secure property interests	Yes	Yes	Yes	Yes
General plans for financing including funding sources and dedicated revenue sources	Yes	Yes	Yes	Yes
Name and address of proposal contact	Yes	Yes	Yes	Yes
Proposed user fees or service payments and method for altering those payments	Yes	Yes	Yes	Yes
Additional material as requested	Yes	Yes	Yes	Yes
Expiry of any pricing terms in the proposal	None provided at this stage	None provided at this stage	None provided at this stage	None provided at this stage

**The City is advised to seek separate legal advice as to the applicability of the P3 Regulations to the Proposal, and the adherence of the Proposal to the P3 Regulation.**

### III. New WTP Evaluation Considerations

# 1. Commercial Value and Risk Transfer

#	Commercial Term / Risk Item	The Aqualia Team	The FLW Team	The IDE Team	The NextSpring Team
	Scope	<i>DBFOM project for replacement water plant</i>	<i>Concession for the full Water System</i>	<i>DBFOM project for replacement water plant</i>	<i>DBFOM project for replacement water plant</i>
	Contract term	33.5 years	50 years	32.25 years	34 years
D&C Risks	1 Design/construction compliance	Proposer	Proposer	Proposer	Proposer
	2 Construction schedule	Proposer	Proposer	Proposer	Proposer
	3 Construction cost	Proposer	Proposer	Proposer	Proposer
	4 Permitting (compliance)	Proposer	Proposer	Proposer	Proposer
O&M Risks	5 Demand (revenue risk)*	Shared	City	City	City
	6 O&M performance/water quality	Proposer	Proposer	Proposer	Proposer
	7 O&M cost risk	Proposer	Proposer	Proposer	Proposer
	8 Lifecycle maintenance (costs)	Proposer	Proposer	Proposer	Proposer
	9 Power consumption	Shared	Proposer	Proposer	Shared
	10 Labor cost and performance*	Shared	Shared	City	Shared
	11 Technology obsolescence	Proposer	Proposer	Proposer	Proposer
Other Risks	12 Force majeure	City	City	City	City
	13 Pre-existing conditions	City	City	City	City
	14 Change in Law / other "relief"	City	City	City	City
	15 Price inflation (excl. power prices)*	City (floating, CPI)	City (floating, CPI)	Proposer (fixed 1% p.a.)	Proposer (fixed 1.5% p.a.)
	16 Current price/schedule certainty*	Not guaranteed	Not guaranteed	Guaranteed (subject to limited caveats)	Not guaranteed

\*key differentiator addressed on the following pages

+reflects the removal of a \$70m contingency in the FLW Team capex



# Fiveash Water Treatment Plant Proposal Evaluation

City of Fort Lauderdale Public Works  
Department



# Fiveash Water Treatment Plant Overview



- The existing water treatment plant was built in 1954 and supplies the bulk of the City's drinking water using a lime-softening treatment process
- The future water treatment plant will be built at the prospect wellfield site. The preferred process is Treatment Scheme 11: Nanofiltration + Ion Exchange, as stated in the Carollo report issued on December 2019
- The existing plant will be demolished and site will be used for water storage and distribution purposes only



# Criteria Considered

- Experience Constructing Water Treatment Plants of Similar Size in US
- Experience Operating Water Treatment Plants in US
- Management of City Employees
- Achieves City Water Quality Goals
- Complies with Consumptive Use Permit
- Project Completion
- Meets City Resilience Goals



# Experience Constructing Water Treatment Plants of a Similar Size in the US

CRITERIA DESCRIPTION: P3 Entity has experience constructing drinking water treatment plants (WTP) of approximately 50 MGD in USA

Aqualia	FLW (Suez)	IDE-Tech	NextSpring
No	Exceed	Exceed	No
<p>Has constructed multiple large water treatment facilities internationally, none in USA</p>	<p>Has constructed multiple large water treatment facilities internationally, including, some in USA</p> <ul style="list-style-type: none"> <li>Haworth WTP ( 200 MGD)</li> </ul>	<p>Has constructed multiple large water treatment facilities internationally, including, some in USA</p> <ul style="list-style-type: none"> <li>Claude Lewis Desalination WTP (50 MGD)</li> <li>Wayne Hill Water Resource Center (40 MGD)</li> </ul>	<p>Has not constructed water treatment plants of this magnitude in the past</p>



# Experience Operating Water Treatment Plants in US

CRITERIA DESCRIPTION: P3 entity has experience operating Water Treatment Plants

Aqualia	FLW (Suez)	IDE-Tech	NextSpring
No	Exceed	Exceed	Exceed
Entity operates multiple Water Treatment Plants, none in USA	Entity operates multiple Water Treatment Plants, some in USA <ul style="list-style-type: none"> <li>Haworth WTP ( 200 MGD)</li> </ul>	Entity operates multiple Water Treatment Plants, some in USA <ul style="list-style-type: none"> <li>Kay Bailey Hutchinson Desalination Plant (25 MGD)</li> <li>Claude Lewis Desalination WTP (50 MGD)</li> <li>Wayne Hill Water Resource Center (40 MGD)</li> </ul>	US Water operates many Water Treatment Plants in USA <ul style="list-style-type: none"> <li>City of North Lauderdale WTP (7.5 MGD)</li> <li>City of Lauderhill WTP (16 MGD)</li> </ul>



# Management of City Employees

CRITERIA DESCRIPTION: P3 proposal allows Water Treatment Plant staff to remain City Employees

Aqualia	FLW (Suez)	IDE-Tech	NextSpring
Meet	Meet	Meet	No
<p>Water Treatment Plant staff remain City Employees</p> <ul style="list-style-type: none"> <li>Existing City staff would stay with the City and work on the new WTP.</li> </ul>	<p>Water Treatment Plant staff remain City Employees</p> <ul style="list-style-type: none"> <li>Existing City Staff would stay with the City and work on the new WTP ( and the wider water system) .</li> </ul>	<p>Water Treatment Plant staff remain City Employees</p> <ul style="list-style-type: none"> <li>Existing City Staff would stay with the City and the IDE Team would take no risk on staff costs or their performance of their services.</li> </ul>	<p>Water Treatment Plant staff become NextSpring employees after five years</p> <p>* City Staff may remain with the City or transfer, however after five years the NextSpring Team assumes that all staff transfer.</p>



# Achieves Water Quality Goals

CRITERIA DESCRIPTION: Proposed Water Treatment Plant will meet finished water quality goals as required by State Law with preference for proposals using the City preferred technology identified in Carollo Report

Aqualia	FLW (Suez)	IDE-Tech	NextSpring
Meet	Exceed	Exceed	Exceed
<p>Proposed treatment technology meets State requirements</p> <ul style="list-style-type: none"> <li>80% Nanofiltration + 20% Raw Water bypass</li> <li>pH may be lower than goal</li> <li>Color goal not met (15 or less)</li> </ul>	<p>Proposed treatment technology will meet all goals identified in Carollo Report</p> <ul style="list-style-type: none"> <li>70% Nanofiltration + 30% Ion Exchange</li> </ul>	<p>Proposed treatment technology will meet all goals identified in Carollo Report</p> <ul style="list-style-type: none"> <li>70% Nanofiltration + 30% Ion Exchange</li> </ul>	<p>Proposed treatment technology will meet all goals identified in Carollo Report</p> <ul style="list-style-type: none"> <li>70% Nanofiltration +30% Ion Exchange</li> </ul>



# Complies with Consumptive Use Permit

CRITERIA DESCRIPTION: Water Treatment Plant will remain within Biscayne Aquifer withdrawal limitations through 2035 as stated in the Carollo Report. A lower conversion factor (% rejected water during the nanofiltration process) results in reduced demand and ability to remain the below consumptive use permit allocation.

Prospect wellfield Consumptive Use Permit 43.43 MGD, 15 MGD at Peele-Dixie wellfield and 52.55 MGD for the City overall.

Aqualia	FLW (Suez)	IDE-Tech	NextSpring
Exceed	Exceed	Exceed	Exceed
<p>Treatment technology will be under permit allocation in 2035</p> <ul style="list-style-type: none"> <li>Treatment process is 90% efficient (10% reject)</li> <li>6 million gallons sent to waste for every 50 million sent to customers</li> </ul>	<p>Treatment technology will be at permit allocation in 2035</p> <ul style="list-style-type: none"> <li>Treatment process is 90% efficient (10% reject)</li> <li>6 million gallons sent to waste for every 50 million sent to customers</li> </ul>	<p>Treatment technology will be under permit allocation in 2035</p> <ul style="list-style-type: none"> <li>Treatment process is 90% efficient (10% reject)</li> <li>6 million gallons sent to waste for every 50 million sent to customers</li> </ul>	<p>Treatment technology will be under permit allocation in 2035</p> <ul style="list-style-type: none"> <li>Treatment process is 90% efficient (10% reject)</li> <li>6 million gallons sent to waste for every 50 million sent to customers</li> </ul>



# Project Completion

CRITERIA DESCRIPTION: Water Treatment Plant will be operational within five years

Aqualia	FLW (Suez)	IDE-Tech	NextSpring
Meet	Meet	Exceed	Exceed
Water production from new plant to begin spring of 2026	Water production from new plant to begin in 2026	Water production from new plant to begin in 2025	Water production from new plant to begin summer of 2025



# Meets City Resilience Goals

CRITERIA DESCRIPTION: Water Treatment Plant will be constructed to withstand Hurricane forces and flooding and redundancy requirements

Aqualia	FLW (Suez)	IDE-Tech	NextSpring
Meet	Meet	Meet	Meet
<ul style="list-style-type: none"><li>• Building Finished Floor Elevations based on Southeast Florida Climate Compact sea level rise “High” Projections for critical infrastructure</li><li>• Withstand Category 5 Hurricane Winds</li><li>• Redundancy in treatment processes</li><li>• Emergency backup power and fuel storage in the event of power outage</li></ul>			



# Summary

Criteria	Aqualia	FLW (Suez)	IDE-Tech	NextSpring
Experience Constructing WTP of Similar Size in USA	No	Exceed	Exceed	No
Experience Operating WTP in US	No	Exceed	Exceed	Exceed
Management of City Employees	Meet	Meet	Meet	No
Achieves Water Quality Goals	Meet	Exceed	Exceed	Exceed
Complies With Consumptive Use Permit	Exceed	Exceed	Exceed	Exceed
Project Completion	Meet	Meet	Exceed	Exceed
Meets City's Resiliency Goals	Meet	Meet	Meet	Meet

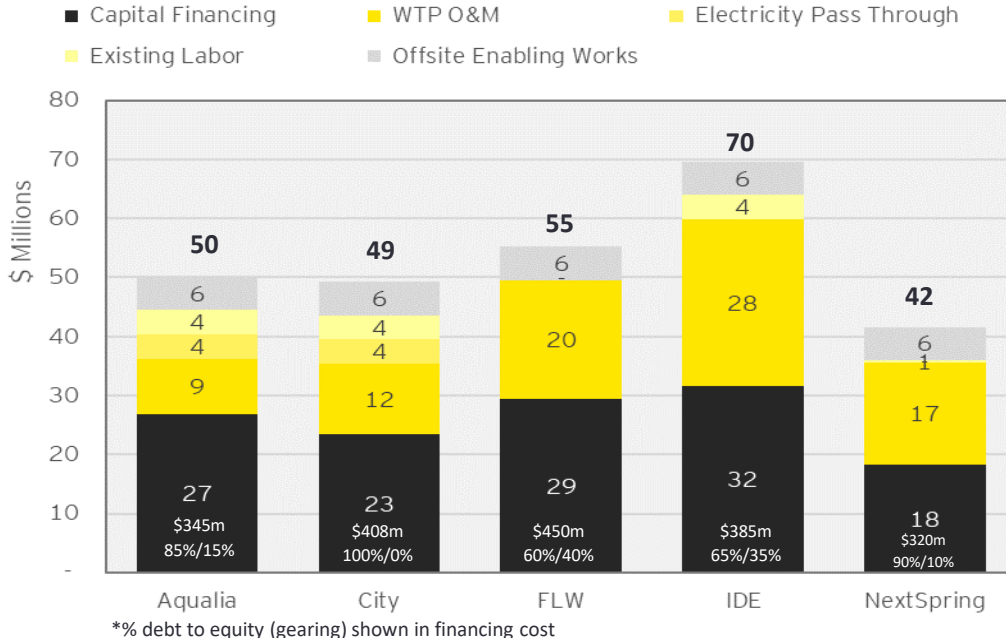
# III. New WTP Evaluation Considerations

## 3. Financial Terms and Certainty

### Summary – Cost Impacts

Each Proposal includes information on how the Proposer will charge the City (or rate payers as a proxy for the City, used interchangeably) for the design, build, financing, operation and maintenance of the New WTP. The costs are typically unified in a single payment stream to be met by the City (an “Availability Payment” or “AP”), which will have fixed and variable components.

Each Proposer has also made differing assumptions about how it would treat the cost of staff retained by the City and the costs of power consumption – these have therefore been added to the Proposer’s AP, where required. Also, each of the Proposals would require that the City undertake enabling work elsewhere in the water system to permit the New WTP to function and this has been added to the Proposer figures. In absolute terms, a like for like comparison of the single year AP, and breakdown into its component parts for each Proposer, is shown below and further analysis is contained on p. 22. The cost of each Proposal over the contract period is shown on the following page:



#### Key notes:

- The FLW Team provided costs for the entire water system concession – this analysis extracts its assumptions for the WTP and converts those to an AP equivalent. This AP figure also reflects the removal of the \$70m contingency from the capex in order to show a like for like comparison with the other Proposers and the City. Section IV addresses the FLW Team’s full water concession impacts.
- All of the cost assumptions are based on a differential level of design development (p.22 for the financial impact). As such, all Proposals will potentially be subject to change during the Interim Agreement Period.
- However, the IDE Team has guaranteed its capex and O&M pricing (subject to confirmation of ground conditions) whereas none of the other Proposers has.

# III. New WTP Evaluation Considerations

## 3. Financial Terms and Certainty

### Summary – Cost Certainty

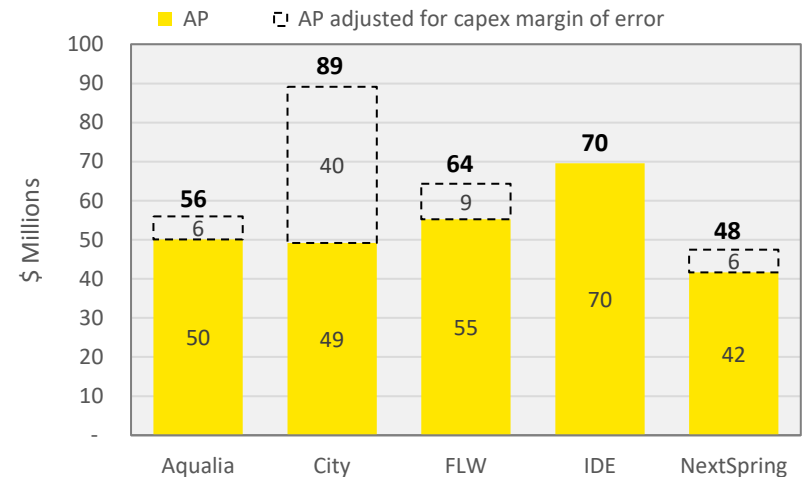
All of the Proposers have assumed a progressive development approach if they are selected as the Preferred Proposer for further negotiation. This additional negotiation phase (generally using the Interim Agreement approach identified in the P3 Regulation) would be structured to enable the City and Preferred Proposer to finalize the terms of a Comprehensive Agreement with fixed price, schedule and commercial terms.

However, the Proposers have undertaken differing levels of design development / cost estimation to arrive at their capex prices and have differential margins of error attached. These margins of error provide an indication, although not certainty, of how much the price may alter during an Interim Agreement / negotiation period. For the City, maintenance costs are a percentage of capex and so are subject to the same margin of error as the New WTP capital costs. The chart below and right shows the AP figures from the previous page but with an illustration of how much higher they could be based on the margin of error assumed in the level of design development as provided by the Proposers. The key drivers of the cost differences are set out on the following pages.

### Level of Cost Certainty

	Aqualia	City	FLW	IDE	NextSpring
<b>Level of Estimate</b>	Class 3	Class 5	Class 4	Class 3	Class 4
<b>Percentage Design</b>	20%	2%	15%	30%	15%
<b>Margin of Error*</b>	20%	100%	35%	n/a – price guarantee	35%
<b>Baseline Capex (\$YOE)</b>	\$345m	\$408m	\$450m	\$385m	\$320m
<b>Capex with MOE (\$YOE)</b>	\$414m	\$816m	\$608m	n/a – price guarantee	\$432m

### Adjusted AP for CapEx Margin of Error (2027)\*



\*The FLW AP figure reflects the removal of a \$70m contingency from the capex in order to show a like for like comparison with the other Proposers and the City

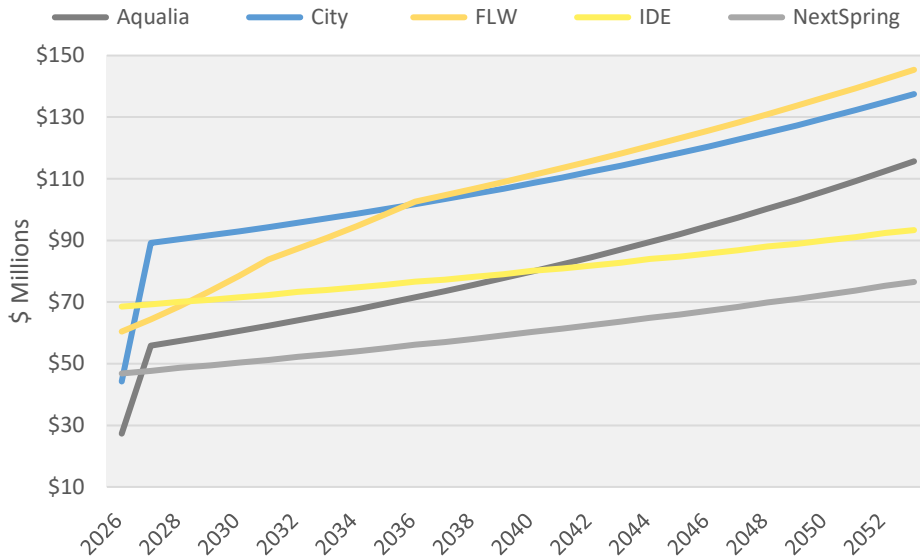
# III. New WTP Evaluation Considerations

## 3. Financial Terms and Certainty

### Summary – Differential Inflation

All of the Proposers have provided an indication of how the City’s payments would increase over time. The IDE Team and the NextSpring Team have proposed a fixed index of 1% and 1.5% p.a. respectively. The Aqualia Team and the FLW Team would apply a CPI measure to the payments from the City / rate payers and this would not be capped.

The chart in the bottom left sets out how the City’s AP, as described on p.22, could be impacted where CPI increased by 3% per annum for the duration of the contract (based on the City’s planning rate of inflation) and each Proposer applied its proposed inflation approach. The table in the bottom right provides an indication, on a net present value basis (using a 6% discount rate), of how this may relatively impact the City over a 30-year time period. This amount would differ depending on the actual profile of CPI over the course of the contract period. **These figures are based on the AP adjusted for margin of error (except for IDE) described on the previous page. The FLW estimate is based on an estimated separation of revenue requirements between the WTP and distribution system components of the Proposal**



NPV of AP Payment*	
<b>Aqualia+</b>	\$1,007m (CPI on AP, 20% Capex MOE)
<b>City</b>	\$1,048m (CPI on O&M, 100% Capex and Opex MOE)
<b>FLW+</b>	\$1,346m (CPI on O&M, 35% Capex MOE)
<b>IDE</b>	\$1,016m (price guarantee – fixed 1% on AP, no MOE)
<b>NextSpring+</b>	\$786m (fixed 1.5% on AP, 35% Capex MOE)

\*6% City discount rate is assumed for the Net Present Value (“NPV”) for the respective operating period of each proposal. For comparative purposes, the NPV has been calculated on 30 years of operations.

+Inflation rate and costs are not guaranteed by the Proposers

# III. New WTP Evaluation Considerations

## 3. Financial Terms and Certainty

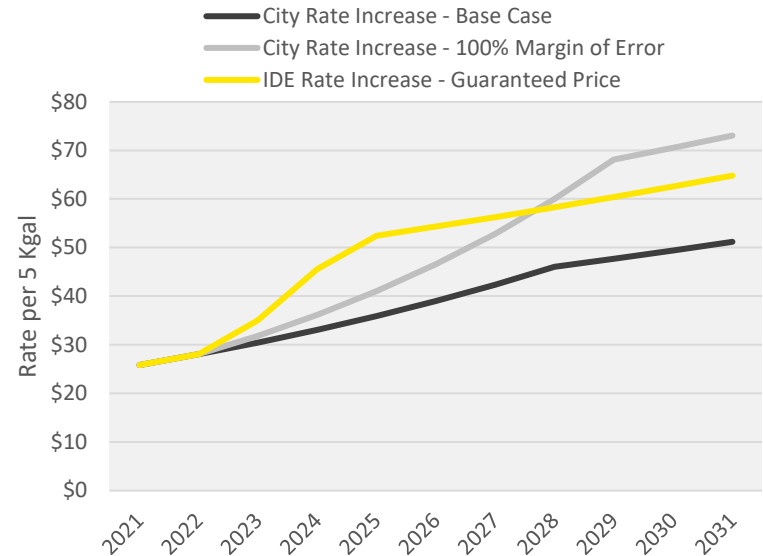
### Summary – Potential Rate Impacts

As the Proposers have undertaken differing levels of design development / cost estimation to arrive at their prices, the AP figures provided have differential levels of certainty attached which have been factored into the calculation of the potential cost to the City of each Proposal option.

However, the cost of the New WTP will, ultimately, be borne by the City water rate payers and the adjacent chart provides an indication of how the rate payers may be impacted by various Proposal options. The chart shows the City’s current rate estimate (base case); the City’s estimate adjusted for margin of error; and the IDE Team as a further example from the Proposers.

The chart shows the potential impact on water rates over the City’s rate model 10-year planning horizon, as calculated by the City’s advisor, Stantec, for the following scenarios:

- The City’s base costing with no margin of error. This produces the annual rate increase of 8.6% from 2023 through 2029 and 3.6% in 2030 and 2031, as agreed by the City in October 2021.
- The City’s base costing adjusted for margin of error. The base costing is subject to a maximum 100% margin of error, as identified in the Carollo Report. Should outturn capital and related costs be at this level, it is estimated that this would result in an annual rate increase of 13.5% from 2023 through 2029 and a 3.6% increase, thereafter. This result is slightly greater than the rate increases implied by the adjusted FLW Proposal, discussed in greater detail on page 27.
- The IDE Team’s Proposal. Other things remaining equal, the IDE Team’s Proposal is estimated to result in an annual rate increase of 25% in 2023, 30% in 2024, 15% in 2025, and 3.6% annually, thereafter. This higher increase in rates between 2023-25 and lower rate increase between 2025 and 2030 compared to the City’s adjusted estimate is a function of the shape of the AP payment obligation proposed by the IDE Team.



- It should be noted, however, that in NPV terms the City’s adjusted estimate and the IDE Team’s Proposal are broadly equivalent, and the City does have discretion to adjust rates on a profile different from that implied by the AP obligation, providing it can manage the cashflow implications of a number of years of revenue / cost mismatch.
- The Aqualia and NextSpring Team proposals have not been subject to rate modelling but are anticipated to be similar to the City’s base costing rate impacts in the early years of the project

# IV. Water System Concession Considerations

## Commercial Value and Technical Impacts

### Opportunities for Value Enhancement

Risk Area	Proposal Position
Integrated Approach	The FLW Team will assume the rehabilitation, operation and maintenance of the entire water system. This can enable the FLW Team to allocate resources where required across the entire system to improve service delivery and apply efficiencies. It also reduces the risks of interface between FLW Team and City elements of the water system. The FLW Team has assumed a higher level of investment in the Water System than the City's plan ~\$39 million average p.a. (\$YOE) compared to ~\$20 million average p.a. (\$YOE), respectively.
Achievement of Water Quality Targets	<p>The Proposal undertakes to meet water quality and other targets reflected in the Carollo Report. Clarification with the FLW Team has indicated that the FLW Team would be willing to guarantee this water quality at the tap (not just upon leaving the New WTP) when Water System rehabilitation works have been completed.</p> <p>However, at this stage the Proposal includes little detail or certainty as to how this will be achieved and the proposed budget allocation for rehabilitation works is not linked to any specific performance outcome. The City will need to carefully consider the proposer's planned approach to delivering on these technical goals as part of the Interim Agreement period.</p>
Billing and Collection	The FLW Team would assume the risks associated with calculating and issuing bills and collecting revenues from rate payers.
Overall Risk Transfer	The benefits of transferring these risks for the New WTP will be extended to rehabilitation, operation and maintenance of the whole water system. Where project costs are higher than anticipated the FLW Team would be limited in its ability to recover such increases from rate payers (mainly due to adverse actions by the City or force majeure). See p.34 for more details on rate setting approach.
Innovation and Efficiency	The FLW Team will have the opportunity and incentive to implement efficiency measures across the Water System and innovative approaches to leak detection, other predictive maintenance and implementation of new technologies to improve water quality and serve rate payers over the concession period.

# IV. Water System Concession Considerations

## Commercial Value and Technical Impacts

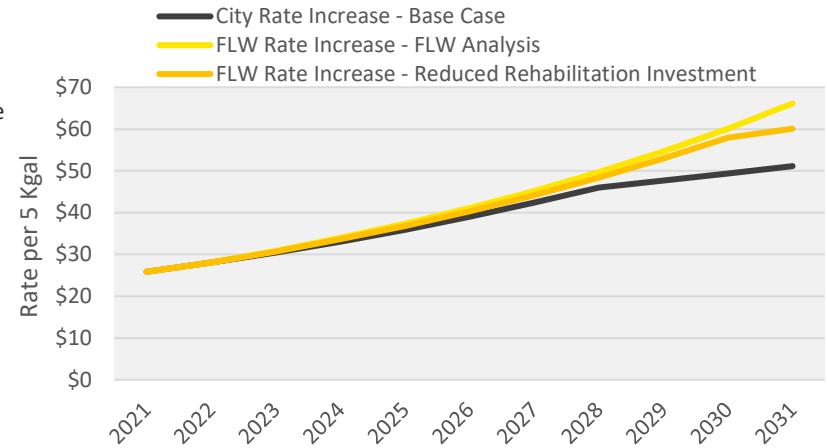
Risk Area	Proposal Position
Interface with Sewer System	The current operations, maintenance and funding of the water system is closely connected to that of the sewer system. The Proposal does not indicate how the FLW Team will approach this issue or provide any indication of the costs of doing so. The FLW Team has undertaken limited diligence of the existing water system in preparing its Proposal, including addressing this interface issue. As part of an Interim Agreement period, this would need to be addressed, particularly the annual cross-subsidy between the Water System and sewer system.
Rate Setting	The City will retain rate setting authority but the calculation of rates would be determined by a mechanism contained in the Comprehensive Agreement. The rate mechanism will be designed to ensure that the FLW Team can achieve its required revenue path and, if demand for water decreases, the rates of the remaining rate payers would increase accordingly. If the City decided not to pass on the calculated rate increases to rate payers, it would need to pay the FLW Team the equivalent amount.
Debt defeasance	The FLW Team proposes to pay the City an upfront sum of ~\$235 million (nominal) that it believes the City could use to defease its existing Water System debt. However, the FLW Team has not had access to the City's rate model in order to understand the feasibility of this approach and separate advice should be sought from the City's bond counsel and advisors on the debt defeasance aspects of the Proposal.

# IV. Evaluation Considerations

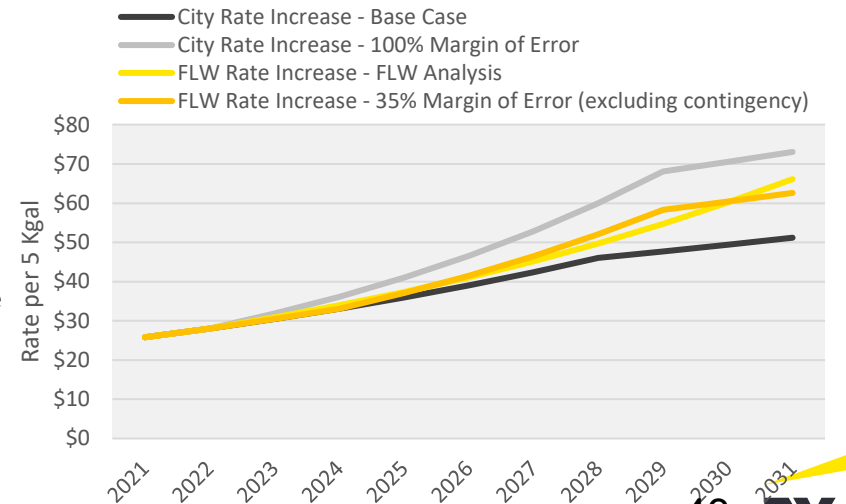
## Financial Impacts

### Summary - Rate Increase Sensitivities

- ▶ The FLW Team is proposing to manage the entire water system so it is appropriate to compare the City's expected annual rate increases with the impact on rates that may result from the FLW Team Proposal. Each rate increase percentage shown on this page includes a real increase plus the City's 3% inflation estimate, providing the nominal increase. The financial analysis indicates that, based on the FLW Team's proposed cost structure, the FLW Team would require a ~10% nominal annual rate increase in 2022 until 2031 followed by a 3.6% increase.
- ▶ However, this rate increase is based upon twice as much annual investment in the water system as the City estimates and equally the comparison doesn't reflect the different levels of design development. The adjacent charts reflect the following scenarios:
  - ▶ Rehabilitation investment: The FLW Team is proposing to invest ~\$39 million p.a. (\$YOE average) into rehabilitating the water system. This is double the amount allocated by the City. When the FLW Team investment level is reduced to the same as the City, there is a small drop in the FLW Team's expected rate increase from ~10% to ~9.5% (orange line in chart). The reduction impact is minimized because the FLW Team is planning to finance the first seven years of rehabilitation costs over 30 years whereas the City is assuming its ~\$20 million (\$YOE average) is funded directly from water rates each year.
  - ▶ New WTP cost: The FLW Team has undertaken around 15% design development which results in a potential 35% margin of error on its capex costs for the New WTP. The City's New WTP capex costs are based on 2% design development resulting in a potentially 100% margin of error (per the Carollo Report). When the cost inputs are adjusted for this margin of error the required City rate increase would potentially move from 8.6% to ~13.5% for the next seven years dropping to 3.6% thereafter. Likewise, the FLW Team rate could increase from ~10% to 12% starting in 2025 for four years until it returns to 3.6% annually in 2030.



### Potential 10-year Rate Increases: FLW MOE



# V. Next Steps

## City Decision Points

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## EY | Assurance | Tax | Transactions | Advisory

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ED None

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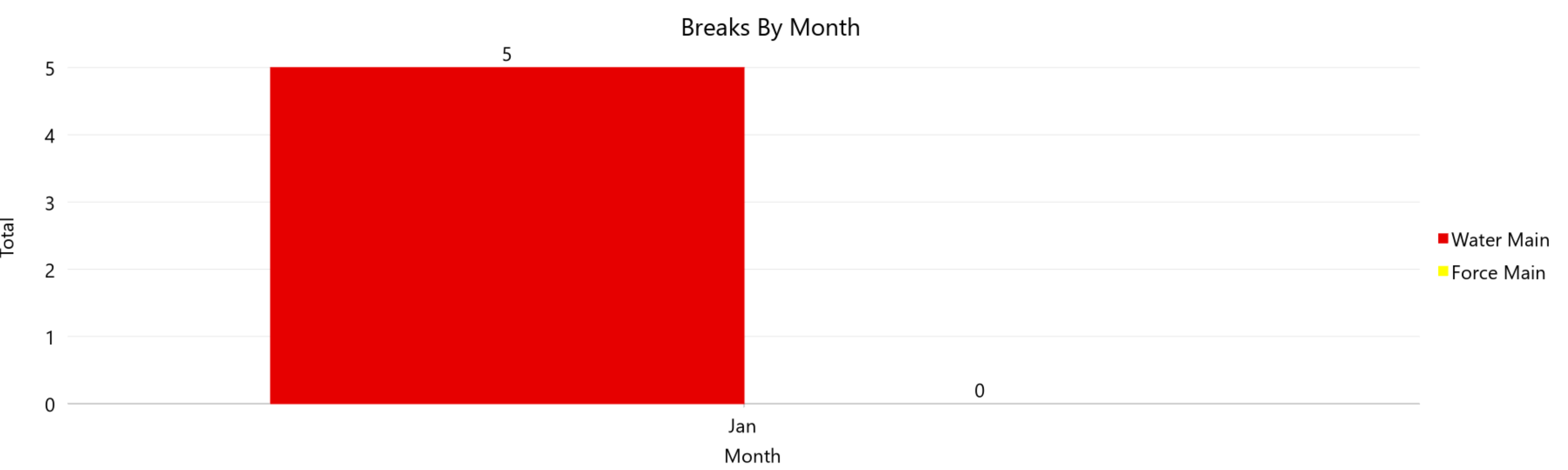
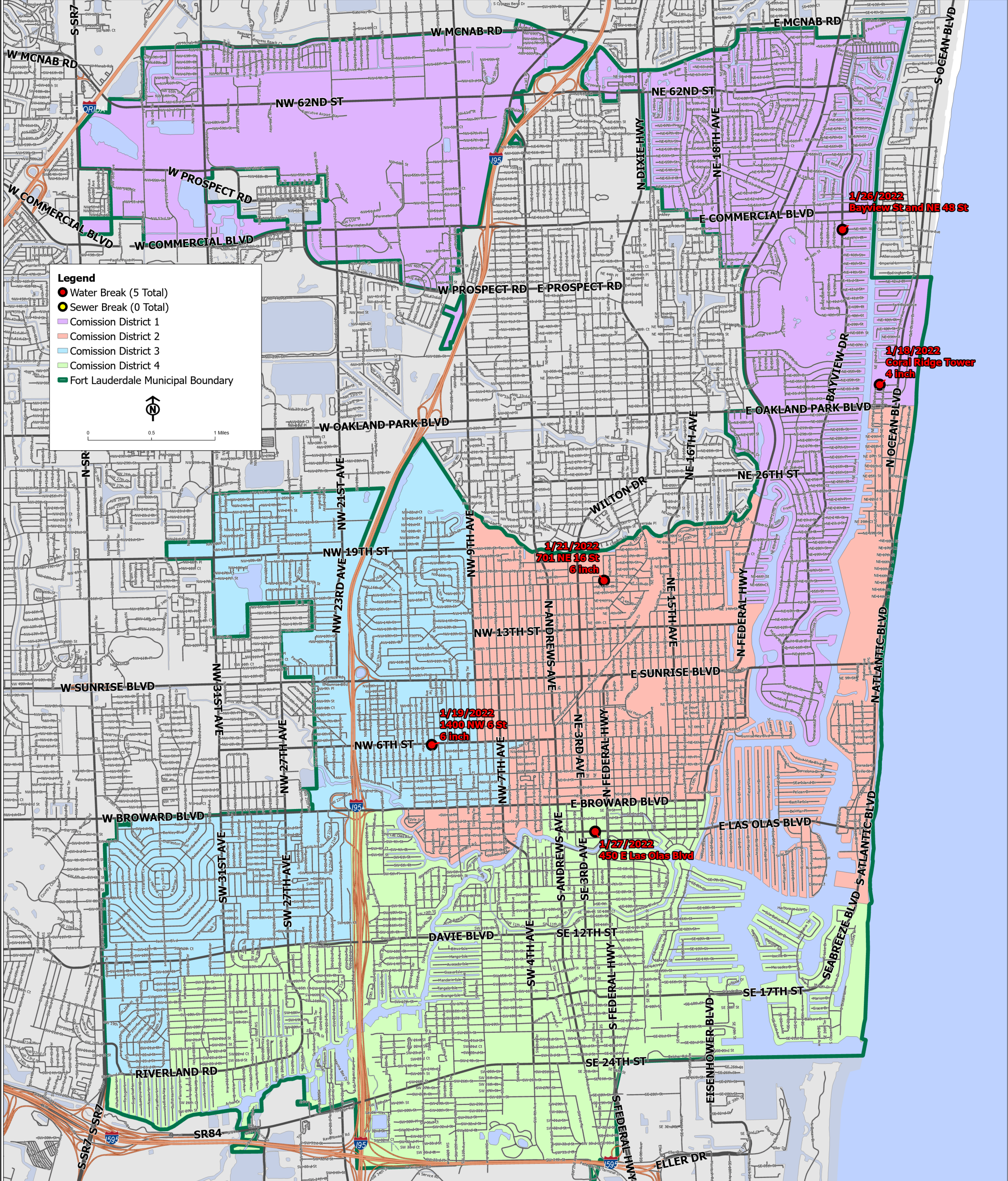
Agenda Item # 7 (i)  
Water & Sewer Breaks Report 2022 w/Mapping

Date of break/PBWN	Q-Alert#	Address	Type	Size in inches	Cause	Cost	Water Loss	Precautionary Boil Water Notice	Impacted Properties
1/18/2022		Coral Ridge Tower		4 - inch				Yes	100+
1/19/2022	871475	1400 NW 6 St		6 - inch				Yes	18
1/21/2022	872066	701 NE 16 St		6 - inch				Yes	45
1/26/2022		Bayview St and NE 48 St						Yes	445
1/27/2022	873901	450 E Las Olas Blvd						Yes	6

Total Count 5

January 5  
February 0  
March 0  
April 0  
May 0  
June 0  
July 0  
August 0  
September 0  
October 0  
November 0  
December 0

Total Count 5



**Water Distribution Breaks**

Date of Break/PBWN	Q-Alert	Address	Type	Size	Cause	PBWN Issued?	Impacted Properties
1/18/2022		Coral Ridge Tower	Water Main	4 inch		Y	100+
1/19/2022	871475	1400 NW 6 St	Water Main	6 inch		Y	18
1/21/2022	872066	701 NE 16 St	Water Main	6 inch		Y	45
1/26/2022		Bayview St and NE 48 St	Water Main			Y	445
1/27/2022	873901	450 E Las Olas Blvd	Water Main			Y	6

No Sewer Main Breaks Reported

Agenda Item # 7 (ii)  
CIP Financial Report

## Water & Sewer Bond Expenditures Summary

### January 31, 2022

Bond Funded Projects by Category <input type="checkbox"/>	Total Budget Amount	Actuals as of 1-31-2022	% Spent to Date as of 1-31-2022	Encumbrances as of 1-31-2022	Remaining Balance as of 1-31-2022
Finance	23,595,311.21	19,183,858.00	1.71	1,538,035.00	2,873,418.00
Fiveash Upgrades	25,310,530.31	5,459,683.33	2.09	4,187,915.21	18,577,931.77
GTL Upgrades	14,000,000.00	-	-	-	14,000,000.00
I&I	17,303,547.00	14,261,960.10	3.45	312,120.99	2,729,465.91
Master Plan/Report	1,501,455.00	845,424.46	2.19	311,201.05	344,829.49
Peele Dixie Upgrades	310,000.00	93,440.00	0.60	8,920.00	207,640.00
Sewer Basin	1,821,149.49	1,250,145.12	1.12	14,180.75	556,823.62
Sewer Force main	97,439,837.66	71,407,150.67	12.50	5,122,899.15	20,909,787.84
Watermain	23,156,672.34	21,142,948.66	7.52	1,332,479.05	681,244.63
<b>Grand Total</b>	<b>\$ 204,438,503.01</b>	<b>\$ 133,644,610.34</b>	<b>\$ 31.20</b>	<b>\$ 12,827,751.20</b>	<b>\$ 60,881,141.26</b>

Index Code / Project Title	Category	Project Phase	Budget	Actuals as of 1-31-2022	% Spent to Date as of 1-31-2022	Encumbrances as of 1-31-2022	Remaining Balance as of 1-31-2022
FD495.01 WATER & SEWER MASTER PLAN 2017	Finance	Implementation	21,611,457.21	17,380,853.00	80%	1,455,154.00	2,775,450.00
FD496.01 WATER & SEWER REGIONAL MASTER PLAN 2017	Finance	Implementation	1,983,854.00	1,803,005.00	91%	82,881.00	97,968.00
P10814.495 CENTRAL NEW RIVER W/MAIN RIVER CROSSING	Watermain	Construction	1,632,562.00	951,318.31	58%	-	681,243.69
P10850.495 VICTORIA PARK A NORTH-SMALL WATERMAINS	Watermain	Construction	4,435,773.00	4,433,728.80	100%	2,043.80	0.40
P11080.495 PORT CONDO SMALL WATER MAIN IMPROVEMENTS	Watermain	Construction	932,320.00	51,606.10	6%	880,713.65	0.25
P11563.495 VICTORIA PARK SEWER BASIN A-19 REHAB	I&I	Construction	5,832,153.00	5,549,831.28	95%	129,743.72	152,578.00
P11566.495 RIO VISTA SEWER BASIN D-43 REHAB	I&I	Construction	4,268,936.00	4,108,122.74	96%	8,705.55	152,107.71
P11589.495 FIVEASH WTP DISINFECTION IMPROVEMENTS	Fiveash Upgrades	Construction	17,328,046.00	1,086,719.81	6%	1,260,116.42	14,996,209.77
P11901.495 VICTORIA PK STH SM WATERMAINS IMPROVEMNT	Watermain	Construction	5,149,658.00	5,147,938.88	100%	1,718.61	0.51
P11991.495 DOWNTOWN SEWER BASIN PS A-7 REHABILITATION	I&I	Construction	2,000,000.00	57,516.00	3%	-	1,942,484.00
P12049.495 FLAGLER HEIGHTS SWR BASIN A-21 LATERALS	I&I	Construction	1,318,983.00	663,434.00	50%	173,254.16	482,294.84
P12055.495 BASIN A-18 SANITARY SWR COLL SYSTM REHAB	I&I	Construction	3,883,475.00	3,883,056.08	100%	417.56	1.36
P12133.495 PUMP STN A-13 REDIRECTION E OF FEDERAL	Sewer Force main	Warranty	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	Construction	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	Design	-	-	-	-	-
P12367.496 ASSET MANAGEMENT & CMOM PROGRAMS	Master Plan/Report	Design	-	-	-	-	-
P12368.495 SEWER CAPACITY ANLY FOR GRAVITY & FM	Master Plan/Report	Design	-	-	-	-	-

Index Code / Project Title	Category	Project Phase	Budget	Actuals as of 1-31-2022	% Spent to Date as of 1-31-2022	Encumbrances as of 1-31-2022	Remaining Balance as of 1-31-2022
P12368.496 SEWER CAPACITY ANLY FOR GRAVITY & FM	Master Plan/Report	Design	-	-	-	-	-
P12375.495 PROG MGMT OF CONSENT ORDER PROJECTS	Master Plan/Report	Design	752,000.00	686,659.59	91%	10,578.09	54,762.32
P12375.496 PROG MGMT OF CONSENT ORDER PROJECTS	Master Plan/Report	Design	115,000.00	109,927.37	96%	1,167.96	3,904.67
P12383.496 NE 25TH AVE FORCE MAIN REPLACEMENT	Sewer Force main	Design	4,784,890.00	351,555.80	7%	551,531.73	3,881,802.47
P12384.496 NE 38TH ST 42" FM & NE 19TH AV 24" FM	Sewer Force main	Design	2,096,690.00	456,668.74	22%	800,856.80	839,164.46
P12385.496 SE 10TH AV 48" FM REPL & 36" BYPASS	Sewer Force main	Canceled	18,326.00	18,326.00	100%	-	-
P12386.496 54" FM RPL SE 9TH/10TH AV & NEW PARALLEL	Sewer Force main	Canceled	6,072.00	6,072.00	100%	-	-
P12387.496 EFFLUENT MAIN REHABILITATION	Sewer Force main	Project Initiation & Planning	3,184,000.00	89,021.00	3%	294.00	3,094,685.00
P12388.495 NE 13TH ST 24" FORCE MAIN REPLACEMENT	Sewer Force main	Hold	3,313,090.00	3,055,813.44	92%	257,276.56	-
P12389.495 18" FM RPL ACROSS NEW RVR FRM 9TH/ BIRCH	Sewer Force main	Complete	2,112,550.00	1,991,291.78	94%	121,256.82	1.40
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	4,422,875.70	91%	415,165.02	-
P12395.495 PEELE DIXIE ELECTRICAL STUDIES	Peele Dixie Upgrades	Master Plans & Report	210,000.00	63,133.00	30%	-	146,867.00
P12396.495 PEELE DIXIE SURGE PROTECTION UPGRADES	Peele Dixie Upgrades	Implementation	100,000.00	30,307.00	30%	8,920.00	60,773.00
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	Master Plans & Report	150,000.00	47,669.50	32%	-	102,330.50
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	Bidding	10,377.00	10,377.00	100%	-	-
P12407.495 SUBACQUEOUS FM CROSSING REINSTATEMENT	Sewer Force main	Canceled	-	-	-	-	-
P12410.495 PUMP STATION C-1 REPLACEMENT	Sewer Force main	Bidding	620,000.00	27,842.00	4%	-	592,158.00
P12412.495 PUMP STATIONS A-16 UPGRADE	Sewer Force main	Design	3,000,000.00	22,012.00	1%	-	2,977,988.00
P12413.495 FM FROM PUMP STN D-35 TO D-36 UPSIZE	Sewer Force main	Warranty	517,445.12	517,445.12	100%	-	-
P12414.495 GRAVITY PIPE IMPV TO DWNTWN COL SYSTM	Sewer Force main	Bidding	3,143,000.00	192,791.90	6%	82,770.85	2,867,437.25
P12415.495 PUMP STATION A-7 UPGRADE	Sewer Force main	Construction	2,582,888.69	680,490.56	26%	1,683,413.94	218,984.19
P12418.495 WTR & W/WTR D & C SYSTEM MAPPING	Master Plan/Report	Project Initiation & Planning	-	-	-	-	-
P12419.495 FORCE MAIN ASSESSMENT	Master Plan/Report	Project Initiation & Planning	-	-	-	-	-
P12419.496 FORCE MAIN ASSESSMENT	Master Plan/Report	Project Initiation & Planning	-	-	-	-	-
P12456.495 SEWER BASIN D-40 REHAB	Sewer Basin	Construction	169,237.00	17,694.51	10%	14,180.75	137,361.74
P12463.495 CORAL SHORES SML WATERMAIN IMPROVEMENTS	Watermain	Construction	1,118,998.00	1,086,160.25	97%	32,837.75	-
P12485.495 FIVEASH WTP FILTERS REHABILITATION	Fiveash Upgrades	Construction	3,720,000.00	110,479.21	3%	2,927,798.79	3,581,722.00
P12529.496 EFFLUENT PMP STNBY GENERATOR & ADMIN BLD	GTL Updgrades	Project Initiation & Planning	14,000,000.00	-	-	-	14,000,000.00
P12566.496 REDUNDANT SEWER FM NORTH TO GTL WWTP	Sewer Force main	Construction	25,225,638.08	24,698,132.56	98%	527,504.64	0.88
P12567.496 REDUNDANT SEWER FM SOUTH TO GTL WWTP	Sewer Force main	Construction	35,249,740.92	33,031,953.23	94%	673,113.97	1,544,673.72
P12569.495 NE 5TH STREET FORCE MAIN IMPROVEMENT	Watermain	Complete	1,928,910.00	1,928,910.00	100%	-	-
P12570.495 36TH STREET FORCE MAIN IMPROVEMENT	Watermain	Warranty	-	-	-	-	-
P12618.495 DOLPHIN ISLES B-14 SEWER BASIN REHAB	Sewer Basin	Project Initiation & Planning	427,554.88	8,093.00	2%	-	419,461.88
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	-	-	-	2,500,000.00
P12628.495 INTERLOCAL AGREEMENT WITH POMPANO BEACH	Master Plan/Report	Project Initiation & Planning	299,455.00	-	-	299,455.00	-
P12731.495 GRAVITY SWR RPR BAYVIEW FRM 36 TO 40 ST	Sewer Force main	Construction	309,875.00	-	-	309,875.00	-
<b>Total</b>			<b>\$ 204,438,503.01</b>	<b>\$ 133,644,610.34</b>	<b>65%</b>	<b>\$ 12,827,751.20</b>	<b>\$ 60,881,141.26</b>

## FY 2022 Water & Sewer Expansion Impact Fees

January 31, 2022

FY 2022 Revenue (posted as of 1-31-2022)	Fiscal Month 1 (Oct. 2021)	Fiscal Month 2 (Nov. 2021)	Fiscal Month 3 (Dec. 2021)	Fiscal Month 4 (Jan. 2022)	Year-to-Date Total
<b>FD452.01 WATER EXPANSION/ IMPACT FEE CONSTRUCTION</b>	<b>237,774</b>	<b>464,931</b>	<b>25,345</b>	<b>23,368</b>	<b>751,418</b>
B251 W&S IMPACT FEES - RESIDENTIAL	23,724	9,885	5,931	17,793	57,333
B252 W&S IMPACT FEES - COMMERCIAL	214,050	455,046	19,414	5,575	694,085
<b>FD453.01 SEWER EXPANSION/ IMPACT FEE CONSTRUCTION</b>	<b>227,070</b>	<b>444,001</b>	<b>24,204</b>	<b>24,353</b>	<b>719,628</b>
B251 W&S IMPACT FEES - RESIDENTIAL	22,656	9,440	5,664	16,992	54,752
B252 W&S IMPACT FEES - COMMERCIAL	204,414	434,561	18,540	5,324	662,839
N963 IMPACT FEES - SEWER			-	2,037	2,037
<b>Total</b>	<b>\$ 464,844</b>	<b>\$ 908,932</b>	<b>\$ 49,549</b>	<b>\$ 47,721</b>	<b>\$ 1,471,046</b>

Consent Order Projects Financial Report Summary  
January 31, 2022

Consent Order Projects by Category	Total Budget Amount	Actuals as of 1-31-22	% Spent to Date as of 1-31-22	Encumbrances as of 1-31-22	Remaining Balance as of 1-31-22
GTL Upgrades	28,295,566	165,363	1%	3	28,130,201
I&I	37,844,732	26,430,551	70%	5,196,959	6,217,223
Master Plan/Report	15,176,449	7,055,035	46%	1,721,106	6,400,308
Sewer Basin	2,164,992	2,164,992	100%	-	-
Sewer Force Main	118,263,963	100,745,530	85%	3,046,018	14,472,416
Stormwater	54,426,525	3,992,041	7%	44,595,670	5,838,814
Watermain	1,928,910	1,928,910	100%	-	-
<b>Grand Total</b>	<b>\$ 258,101,137</b>	<b>\$ 142,482,422</b>	<b>55%</b>	<b>\$ 54,559,755</b>	<b>\$ 61,058,961</b>

Consent Order Projects Financial Report  
January 31, 2022

Index Code / Project Title	Category	Project Status	Budget as of 1-31-22	Expenditures to Date as of 1-31-22	% Spent to Date as of 1-31-22	Encumbrances as of 1-31-22	Remaining Balance as of 1-31-22
P11563.454 VICTORIA PARK SEWER BASIN A-19 REHAB			1,606,619	1,431,420		175,198	1
P11563.482 VICTORIA PARK SEWER BASIN A-19 REHAB			-	-		-	-
P11563.495 VICTORIA PARK SEWER BASIN A-19 REHAB			5,832,153	5,549,831		129,744	152,578
<b>P11563 TOTAL PROJECT COSTS</b>	<b>I&amp;I</b>	<b>Construction</b>	<b>7,438,772</b>	<b>6,981,251</b>	<b>94%</b>	<b>304,942</b>	<b>152,579</b>
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	4,108,123		8,706	152,108
<b>P11566 TOTAL PROJECT COSTS</b>	<b>I&amp;I</b>	<b>Construction</b>	<b>7,792,748</b>	<b>6,315,234</b>	<b>81%</b>	<b>583,663</b>	<b>893,851</b>
P11842.470 EDGEWOOD STORMWATER IMPROVEMENTS			1,928,448	1,823,589		12,152	92,707
P11842.473 EDGEWOOD STORMWATER IMPROVEMENTS			16,846,632	414,386		16,432,246	0
<b>P11842 TOTAL PROJECT COSTS</b>	<b>Stormwater</b>	<b>Construction</b>	<b>18,775,080</b>	<b>2,237,975</b>	<b>12%</b>	<b>16,444,397</b>	<b>92,707</b>
P11868.470 RIVER OAK STORMWATER ANALYSIS			957,578	887,514		19,011	51,053
P11868.473 RIVER OAK STORMWATER ANALYSIS			33,535,000	697,460		28,074,718	4,762,822
<b>P11868 TOTAL PROJECT COSTS</b>	<b>Stormwater</b>	<b>Construction</b>	<b>34,492,578</b>	<b>1,584,974</b>	<b>5%</b>	<b>28,093,729</b>	<b>4,813,875</b>
P11879.454 PUMP STATION B-10 REHAB			1,908,427	1,908,427		-	-
<b>P11879 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Complete</b>	<b>1,908,427</b>	<b>1,908,427</b>	<b>100%</b>	<b>-</b>	<b>-</b>
P11881.454 PUMP STATION D-45 REHABILITATION			509,868	509,868		-	-
<b>P11881 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Complete</b>	<b>509,868</b>	<b>509,868</b>	<b>100%</b>	<b>-</b>	<b>-</b>
P11991.454 DOWNTOWN SEWER BASIN PS A-7 REHABILITATION			9,664,894	4,604,821		3,747,310	1,312,763
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	57,516		-	1,942,484
<b>P11991 TOTAL PROJECT COSTS</b>	<b>I&amp;I</b>	<b>Construction</b>	<b>11,668,229</b>	<b>4,665,672</b>	<b>40%</b>	<b>3,747,310</b>	<b>3,255,247</b>
P12001.454 SEWER BASIN D-40 REHAB			731,713	731,713		-	-
P12001.482 SEWER BASIN D-40 REHAB			3,766	3,766		-	-
<b>P12001 TOTAL PROJECT COSTS</b>	<b>Sewer Basin</b>	<b>Complete</b>	<b>735,479</b>	<b>735,479</b>	<b>100%</b>	<b>-</b>	<b>-</b>
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	663,434		173,254	482,295
<b>P12049 TOTAL PROJECT COSTS</b>	<b>I&amp;I</b>	<b>Construction</b>	<b>3,784,707</b>	<b>1,880,733</b>	<b>50%</b>	<b>173,254</b>	<b>1,730,720</b>
P12055.454 BASIN A-18 SANITARY SWR COLL SYSTM REHAB			3,276,801	2,704,605		387,372	184,824
P12055.482 BASIN A-18 SANITARY SWR COLL SYSTM REHAB			-	-		-	-
P12055.495 BASIN A-18 SANITARY SWR COLL SYSTM REHAB			3,883,475	3,883,056		418	1
<b>P12055 TOTAL PROJECT COSTS</b>	<b>I&amp;I</b>	<b>Construction</b>	<b>7,160,276</b>	<b>6,587,661</b>	<b>92%</b>	<b>387,789</b>	<b>184,826</b>
P12124.454 CNTRL BCH ALLIANCE PUMP STN REPLAC D-41			2,132,448	2,132,448		-	-
<b>P12124 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Complete</b>	<b>2,132,448</b>	<b>2,132,448</b>	<b>100%</b>	<b>-</b>	<b>-</b>
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		-	-
<b>P12133 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Warranty</b>	<b>4,625,610</b>	<b>4,625,610</b>	<b>100%</b>	<b>-</b>	<b>-</b>

Index Code / Project Title	Category	Project Status	Budget as of 1-31-22	Expenditures to Date as of 1-31-22	% Spent to Date as of 1-31-22	Encumbrances as of 1-31-22	Remaining Balance as of 1-31-22
P12177.454 E LAS OLAS 12" FORCE MAIN REPLACEMENT			1,689,730	1,689,730		-	-
<b>P12177 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Complete</b>	<b>1,689,730</b>	<b>1,689,730</b>	<b>100%</b>	-	-
P12202.454 LIFT STATN D-11 FLOW ANALYSIS & REDESIGN			205,156	205,156		-	-
P12202.495 LIFT STATN D-11 FLOW ANALYSIS & REDESIGN			1,224,358	1,224,358		-	-
<b>P12202 TOTAL PROJECT COSTS</b>	<b>Sewer Basin</b>	<b>Construction</b>	<b>1,429,513</b>	<b>1,429,513</b>	<b>100%</b>	-	-
P12264.470 DRAINAGE CANAL DREDGING			1,158,867	169,092		57,544	932,232
<b>P12264 TOTAL PROJECT COSTS</b>	<b>Stormwater</b>	<b>Design</b>	<b>1,158,867</b>	<b>169,092</b>	<b>15%</b>	<b>57,544</b>	<b>932,232</b>
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		-	-
<b>P12319 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Complete</b>	<b>15,879,363</b>	<b>15,879,363</b>	<b>100%</b>	-	-
P12352.454 S MIDDLE RIVER FORCE MAIN RIVER CROSSING			874,016	874,015		-	0
P12352.495 S MIDDLE RIVER FORCE MAIN RIVER CROSSING			609,000	609,000		-	-
<b>P12352 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Finance</b>	<b>1,483,015</b>	<b>1,483,015</b>	<b>100%</b>	-	<b>0</b>
P12367.495 ASSET MANAGEMENT & CMOM PROGRAMS			-	-		-	-
P12367.496 ASSET MANAGEMENT & CMOM PROGRAMS			-	-		-	-
FD495.01 WATER & SEWER MASTER PLAN 2017			495,967	126,377		369,590	-
FD496.01 WATER & SEWER REGIONAL MASTER PLAN 2017			579,820	513,229		66,592	-
<b>P12367 TOTAL PROJECT COSTS</b>	<b>Master Plan/Report</b>	<b>Project Initiation &amp; Planning</b>	<b>1,075,787</b>	<b>639,606</b>	<b>59%</b>	<b>436,182</b>	-
P12368.495 SEWER CAPACITY ANLY FOR GRAVITY & FM			-	-		-	-
P12368.496 SEWER CAPACITY ANLY FOR GRAVITY & FM			-	-		-	-
FD495.01 WATER & SEWER MASTER PLAN 2017			343,490	343,081		409	-
FD496.01 WATER & SEWER REGIONAL MASTER PLAN 2017			628,056	628,056		-	-
<b>P12368 TOTAL PROJECT COSTS</b>	<b>Master Plan/Report</b>	<b>Project Initiation &amp; Planning</b>	<b>971,546</b>	<b>971,137</b>	<b>100%</b>	<b>409</b>	-
P12375.451 PROG MGMT OF CONSENT ORDER PROJECTS			662,758	595,063		58,232	9,462
P12375.454 PROG MGMT OF CONSENT ORDER PROJECTS			1,013,442	658,744		197,519	157,179
P12375.495 PROG MGMT OF CONSENT ORDER PROJECTS			752,000	686,660		10,578	54,762
P12375.496 PROG MGMT OF CONSENT ORDER PROJECTS			115,000	109,927		1,168	3,905
<b>P12375 TOTAL PROJECT COSTS</b>	<b>Master Plan/Report</b>	<b>Design</b>	<b>2,543,200</b>	<b>2,050,395</b>	<b>81%</b>	<b>267,497</b>	<b>225,308</b>
P12383.451 NE 25TH AVE FORCE MAIN REPLACEMENT			1,363,353	3,393		-	1,359,960
P12383.496 NE 25TH AVE FORCE MAIN REPLACEMENT			4,784,890	351,556		551,532	3,881,802
<b>P12383 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Design</b>	<b>6,148,243</b>	<b>354,949</b>	<b>6%</b>	<b>551,532</b>	<b>5,241,762</b>
P12384.496 NE 38TH ST 42" FM & NE 19TH AV 24" FM			2,096,690	456,669		800,857	839,164
<b>P12384 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Design</b>	<b>2,096,690</b>	<b>456,669</b>	<b>22%</b>	<b>800,857</b>	<b>839,164</b>
P12387.496 EFFLUENT MAIN REHABILITATION			3,184,000	89,021		294	3,094,685
<b>P12387 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Project Initiation &amp; Planning</b>	<b>3,184,000</b>	<b>89,021</b>	<b>3%</b>	<b>294</b>	<b>3,094,685</b>
P12388.454 NE 13TH ST 24" FORCE MAIN REPLACEMENT			3,761,244	144,160		67,987	3,549,097
P12388.495 NE 13TH ST 24" FORCE MAIN REPLACEMENT			3,313,090	3,055,813		257,277	-
<b>P12388 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Hold</b>	<b>7,074,334</b>	<b>3,199,973</b>	<b>45%</b>	<b>325,264</b>	<b>3,549,097</b>
P12389.454 18" FM RPL ACROSS NEW RVR FRM 9TH/ BIRCH			238,620	73,986		30,417	134,218
P12389.495 18" FM RPL ACROSS NEW RVR FRM 9TH/ BIRCH			2,112,550	1,991,292		121,257	1
<b>P12389 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Complete</b>	<b>2,351,170</b>	<b>2,065,277</b>	<b>88%</b>	<b>151,674</b>	<b>134,219</b>
P12390.454 16" FM ALONG LAS OLAS BLVD PHASE 2			637,577	637,577		-	-

Index Code / Project Title	Category	Project Status	Budget as of 1-31-22	Expenditures to Date as of 1-31-22	% Spent to Date as of 1-31-22	Encumbrances as of 1-31-22	Remaining Balance as of 1-31-22
P12390.495 16" FM ALONG LAS OLAS BLVD PHASE 2			2,410,943	2,410,943		-	-
<b>P12390 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Complete</b>	<b>3,048,520</b>	<b>3,048,520</b>	<b>100%</b>	-	-
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		-	-
<b>P12413 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Warranty</b>	<b>1,132,545</b>	<b>1,132,545</b>	<b>100%</b>	-	-
P12418.495 WASTEWATER COLLECTION SYSTEM MAPPING			-	-		-	-
FD495.01 WATER & SEWER MASTER PLAN 2017			3,441,353	2,424,335		1,017,018	-
FD496.01 WATER & SEWER REGIONAL MASTER PLAN 2017			-	-		-	-
<b>P12418 TOTAL PROJECT COSTS</b>	<b>Master Plan/Report</b>	<b>Project Initiation &amp; Planning</b>	<b>3,441,353</b>	<b>2,424,335</b>	<b>70%</b>	<b>1,017,018</b>	-
P12419.495 FORCE MAIN ASSESSMENT			-	-		-	-
P12419.496 FORCE MAIN ASSESSMENT			-	-		-	-
FD495.01 WATER & SEWER MASTER PLAN 2017			969,124	969,124		-	-
FD496.01 WATER & SEWER REGIONAL MASTER PLAN 2017			439	439		-	-
<b>P12419 TOTAL PROJECT COSTS</b>	<b>Master Plan/Report</b>	<b>Complete</b>	<b>969,563</b>	<b>969,563</b>	<b>100%</b>	-	-
P12529.451 EFFLUENT PMP STNBY GENERATOR & ADMIN BLD			14,295,566	165,363		3	14,130,201
P12529.496 EFFLUENT PMP STNBY GENERATOR & ADMIN BLD			14,000,000	-		-	14,000,000
<b>P12529 TOTAL PROJECT COSTS</b>	<b>GTL Upgrades</b>	<b>Project Initiation &amp; Planning</b>	<b>28,295,566</b>	<b>165,363</b>	<b>1%</b>	<b>3</b>	<b>28,130,201</b>
P12566.451 REDUNDANT SEWER FM NORTH TO GTL WWTP			4,524,621	4,440,029		15,779	68,813
P12566.496 REDUNDANT SEWER FM NORTH TO GTL WWTP			25,225,638	24,698,133		527,505	1
<b>P12566 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Construction</b>	<b>29,750,259</b>	<b>29,138,161</b>	<b>98%</b>	<b>543,284</b>	<b>68,814</b>
P12567.496 REDUNDANT SEWER FM SOUTH TO GTL WWTP			35,249,741	33,031,953		673,114	1,544,674
<b>P12567 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Construction</b>	<b>35,249,741</b>	<b>33,031,953</b>	<b>94%</b>	<b>673,114</b>	<b>1,544,674</b>
P12569.495 NE 5TH STREET FORCE MAIN IMPROVEMENT			1,928,910	1,928,910		-	-
<b>P12569 TOTAL PROJECT COSTS</b>	<b>Watermain</b>	<b>Complete</b>	<b>1,928,910</b>	<b>1,928,910</b>	<b>100%</b>	-	-
P12570.495 36TH STREET FORCE MAIN IMPROVEMENT			-	-		-	-
<b>P12570 TOTAL PROJECT COSTS</b>	<b>Sewer Force Main</b>	<b>Warranty</b>	-	-		-	-
P12729 WATER DISTRIBUTION SYSTEM MAPPING			6,175,000	-		-	6,175,000
PBS660101 DISTRIBUTION & COLLECTION OPERATIONS			-	-		-	-
<b>P12729 TOTAL PROJECT COSTS</b>	<b>Master Plan/Report</b>	<b>Project Initiation &amp; Planning</b>	<b>6,175,000</b>	-	<b>0%</b>	-	<b>6,175,000</b>
<b>Grand Total</b>			<b>\$ 258,101,138</b>	<b>\$ 142,482,422</b>	<b>55%</b>	<b>\$ 54,559,755</b>	<b>\$ 61,058,961</b>

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.

Agenda Item # 7 (iii)  
Impact Fees - Usage

# WATER - SEWER FEE REPORT

Fees Collected between 12/1/2021 and 1/31/2022

**ENG0021  
2022**

<b>PM-19031804</b>		Residential New Construction Permit							
1997491	68770365	01/18/2022	1199926	\$651.00	Payment Applied	ENG0021	PM-19031804	G22020074	Edgewood Civic Assoc

**ENG0022  
2022**

<b>PM-19031804</b>		Residential New Construction Permit							
1997491	68770366	01/18/2022	1199926	\$1,386.00	Payment Applied	ENG0022	PM-19031804	G22020074	Edgewood Civic Assoc

**ENG0470  
2021**

<b>BLD-CNC-21010001</b>		Commercial New Construction Permit							
1992823	72036545	12/16/2021	1507345	\$15,708.16	Payment Applied	ENG0470	BLD-CNC-21010001	Luke Rinkus	
<b>BLD-CNC-21030002</b>		Commercial New Construction Permit							
1992160	71902051	12/13/2021	1572932	\$41.97	Payment Applied	ENG0470	BLD-CNC-21030002	Nicole Wong	Lake Ridge Civic Association,
<b>BLD-CU-21100001</b>		Change of Use							
1992664	72156181	12/15/2021	1575733	\$944.00	Payment Applied	ENG0470	BLD-CU-21100001	josruiz14	Tarpon River Civic Association

**2022**

<b>BLD-CU-21080004</b>		Change of Use							
1996392	72043327	01/11/2022	1510309	\$5,078.72	Payment Applied	ENG0470	BLD-CU-21080004	Rosemarie Rueck	Riverland Civic Association
<b>BLD-CU-21110003</b>		Change of Use							
1995428	72174644	01/05/2022	1586670	\$245.44	Payment Applied	ENG0470	BLD-CU-21110003	Yvaldeuso	Progresso Village Civic Associ
<b>BLD-CU-22010004</b>		Change of Use							
1999614	72181464	01/28/2022	1589834	\$19,821.09	Payment Applied	ENG0470	BLD-CU-22010004	Nicole Wong	Riverland Civic Association

**ENG0471  
2021**

<b>BLD-RNC-21060014</b>		Residential New Construction Permit							
1990294	72141699	12/01/2021	1568694	\$1,888.00	Payment Applied	ENG0471	BLD-RNC-21060014	anonymous	South Middle River Civic Assoc
<b>BLD-RNC-21080009</b>		Residential New Construction Permit							
1993609	72116475	12/21/2021	1556528	\$1,888.00	Payment Applied	ENG0471	BLD-RNC-21080009	AL@HSFConstruction.com	Central Beach Alliance HOA
<b>BLD-RNC-21100002</b>		Residential New Construction Permit							
1993086	72134900	12/17/2021	1565282	\$1,888.00	Payment Applied	ENG0471	BLD-RNC-21100002	Debra Johnson	Victoria Park Civic Associatio

**2022**

<b>BLD-RNC-20080005</b>		Residential New Construction Permit							
1995458	71624982	01/05/2022	1281948	\$1,888.00	Payment Applied	ENG0471	BLD-RNC-20080005	anonymous	Historical Dorsey-Riverbend Ci
<b>BLD-RNC-20090005</b>		Residential New Construction Permit							
1998842	71653220	01/25/2022	1293848	\$3,776.00	Payment Applied	ENG0471	BLD-RNC-20090005	Matthew Anastasio	Riverside Park Residents Assoc
<b>BLD-RNC-21060010</b>		Residential New Construction Permit							
1997218	72009674	01/17/2022	1490546	\$1,888.00	Payment Applied	ENG0471	BLD-RNC-21060010	anonymous	Seven Isles Homeowners Associa
<b>BLD-RNC-21080010</b>		Residential New Construction Permit							
1998933	72134907	01/25/2022	1565474	\$1,888.00	Payment Applied	ENG0471	BLD-RNC-21080010	170Kaju	Historical Dorsey-Riverbend Ci

<b>BLD-RNC-21100011</b>		Residential New Construction Permit							
1998431	72188784	01/21/2022	1593070	\$1,888.00	Payment Applied	ENG0471	BLD-RNC-21100011	Theresa Sisto	Poinciana Park Civic Associati
<b>BLD-RNC-21100012</b>		Residential New Construction Permit							
1998433	72188786	01/21/2022	1593071	\$1,888.00	Payment Applied	ENG0471	BLD-RNC-21100012	Theresa Sisto	Poinciana Park Civic Associati
<b>BLD-RNC-21100013</b>		Residential New Construction Permit							
1998435	72188788	01/21/2022	1593074	\$1,888.00	Payment Applied	ENG0471	BLD-RNC-21100013	Theresa Sisto	Poinciana Park Civic Associati
<b>PM-17082317</b>		Residential New Construction Permit							
1998432	72188782	01/21/2022	1593064	\$1,888.00	Payment Applied	ENG0471	PM-17082317	Theresa Sisto	Poinciana Park Civic
<b>ENG0480 2021</b>									
<b>BLD-CNC-21010001</b>		Commercial New Construction Permit							
1992823	72036546	12/16/2021	1507345	\$16,448.64	Payment Applied	ENG0480	BLD-CNC-21010001	Luke Rinkus	
<b>BLD-CNC-21030002</b>		Commercial New Construction Permit							
1992161	71902052	12/13/2021	1572932	\$1,977.00	Payment Applied	ENG0480	BLD-CNC-21030002	Nicole Wong	Lake Ridge Civic Association,
<b>BLD-CU-21100001</b>		Change of Use							
1992664	72156182	12/15/2021	1575733	\$988.50	Payment Applied	ENG0480	BLD-CU-21100001	josruiz14	Tarpon River Civic Association
<b>2022</b>									
<b>BLD-CU-21080004</b>		Change of Use							
1996392	72043328	01/11/2022	1510309	\$5,318.13	Payment Applied	ENG0480	BLD-CU-21080004	Rosemarie Rueck	Riverland Civic Association
<b>BLD-CU-21110003</b>		Change of Use							
1995428	72174645	01/05/2022	1586670	\$257.01	Payment Applied	ENG0480	BLD-CU-21110003	Yvaldeuso	Progresso Village Civic Associ
<b>BLD-CU-22010004</b>		Change of Use							
1999614	72181465	01/28/2022	1589834	\$20,378.81	Payment Applied	ENG0480	BLD-CU-22010004	Nicole Wong	Riverland Civic Association
<b>ENG0481 2021</b>									
<b>BLD-RNC-21060014</b>		Residential New Construction Permit							
1990294	72141700	12/01/2021	1568694	\$1,977.00	Payment Applied	ENG0481	BLD-RNC-21060014	anonymous	South Middle River Civic Assoc
<b>BLD-RNC-21080009</b>		Residential New Construction Permit							
1993609	72116476	12/21/2021	1556528	\$1,977.00	Payment Applied	ENG0481	BLD-RNC-21080009	AL@HSFConstruction.com	Central Beach Alliance HOA
<b>BLD-RNC-21100002</b>		Residential New Construction Permit							
1993086	72134901	12/17/2021	1565282	\$1,977.00	Payment Applied	ENG0481	BLD-RNC-21100002	Debra Johnson	Victoria Park Civic Associatio
<b>2022</b>									
<b>BLD-RNC-20080005</b>		Residential New Construction Permit							
1995458	71624983	01/05/2022	1281948	\$1,977.00	Payment Applied	ENG0481	BLD-RNC-20080005	anonymous	Historical Dorsey-Riverbend Ci
<b>BLD-RNC-20090005</b>		Residential New Construction Permit							
1998842	71653221	01/25/2022	1293848	\$3,954.00	Payment Applied	ENG0481	BLD-RNC-20090005	Matthew Anastasio	Riverside Park Residents Assoc
<b>BLD-RNC-21060010</b>		Residential New Construction Permit							
1997218	72009675	01/17/2022	1490546	\$1,977.00	Payment Applied	ENG0481	BLD-RNC-21060010	anonymous	Seven Isles Homeowners Associa
<b>BLD-RNC-21080010</b>		Residential New Construction Permit							
1998933	72134908	01/25/2022	1565474	\$1,977.00	Payment Applied	ENG0481	BLD-RNC-21080010	170Kaju	Historical Dorsey-Riverbend Ci
<b>BLD-RNC-21100011</b>		Residential New Construction Permit							
1998431	72188785	01/21/2022	1593070	\$1,977.00	Payment Applied	ENG0481	BLD-RNC-21100011	Theresa Sisto	Poinciana Park Civic Associati
<b>BLD-RNC-21100012</b>		Residential New Construction Permit							
1998433	72188787	01/21/2022	1593071	\$1,977.00	Payment Applied	ENG0481	BLD-RNC-21100012	Theresa Sisto	Poinciana Park Civic Associati

<b>BLD-RNC-21100013</b>				Residential New Construction Permit					
1998435	72188789	01/21/2022	1593074	\$1,977.00	Payment Applied	ENG0481	BLD-RNC-21100013	Theresa Sisto	Poinciana Park Civic Associati
<b>PM-17082317</b>				Residential New Construction Permit					
1998432	72188783	01/21/2022	1593064	\$1,977.00	Payment Applied	ENG0481	PM-17082317	Theresa Sisto	Poinciana Park Civic