



Florida Department of Environmental Protection

Southwest District Office
13051 North Telecom Parkway
Temple Terrace, FL 33637-0926

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Jonathan P. Steverson
Secretary

September 16, 2016

Mayor Rick Kriseman
City of St. Petersburg
St. Petersburg City Hall
175 Fifth St. N.
St. Petersburg, Florida 33701

Mr. Claude D. Tankersley, P.E.
City of St. Petersburg
Public Works Administrator
1650 Third Avenue North
St. Petersburg, Florida 33713

Mayor@stpete.org

Claude.Tankersley@stpete.org

Re: Proposed Consent Order OGC File No. 16-1280
Facility ID No. FLA128848
Pinellas County

Dear Mayor Kriseman and Mr. Tankersley:

Enclosed is the proposed Consent Order OGC File No.16-1280 to address the issues associated with waste water discharges from the Collection Systems and Water Reclamation Facilities owned and operated by the City of St. Petersburg. The Department will be reaching out to schedule a meeting in the very near future to discuss the terms of this Order.

Should you have any questions, please contact me at (813) 470-5701, or via e-mail: mary.yeargan@dep.state.fl.us. Thank you for your cooperation.

Sincerely,

A handwritten signature in blue ink that reads "Mary E. Yeargan".

Mary E. Yeargan, PG
Southwest District Director
Florida Department of Environmental Protection

MEY/mh

St. Petersburg Southwest WRF
Proposed Consent Order OGC File No. 16-1280
Page 2

cc: Steven K. Leavitt, P.E., City of St. Petersburg, Steve.Leavitt@stpete.org
Kim Streeter, FDEP, City of St. Petersburg, kestreet@stpete.org
Michele Duggan, FDEP, michele.duggan@dep.state.fl.us
Michelle Holton, FDEP, Michelle.Holton@dep.state.fl.us
SWD_clerical@dep.state.fl.us
Shannon Herbon, FDEP, Shannon.Herbon@dep.state.fl.us

Enclosures: Proposed Consent Order, OGC File No. 16-1280
Exhibit 1: Wet Weather Overflow Mitigation Program

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

STATE OF FLORIDA DEPARTMENT)	IN THE OFFICE OF THE
OF ENVIRONMENTAL PROTECTION)	SOUTHWEST DISTRICT
)	
v.)	OGC FILE NO. 16-1280
)	
CITY OF ST. PETERSBURG.)	
_____)	

CONSENT ORDER

This Consent Order (Order) is entered into between the State of Florida Department of Environmental Protection (Department) and the City of St. Petersburg (Respondent) to reach settlement of certain matters at issue between the Department and Respondent.

The Department finds and the Respondent admits the following:

1. The Department is the administrative agency of the State of Florida having the power and duty to protect Florida’s air and water resources and to administer and enforce the provisions of Chapter 403, Florida Statutes (Fla. Stat.), and the rules promulgated and authorized in Title 62, Florida Administrative Code (Fla. Admin. Code. R.). The Department has jurisdiction over the matters addressed in this Order.

2. The Respondent is a municipal corporation in the State of Florida and a person within the meaning of Section 403.031(5), Fla. Stat.

3. The Respondent is the owner and operator of the following wastewater treatment facilities (Facilities) and associated wastewater collection/transmission systems (Systems) serving the City of St. Petersburg and other portions of Pinellas County:

Albert Whitted Water Reclamation Facility	601 8 th Ave. S.E.
Northeast Water Reclamation Facility	1160 62 nd Ave. N.E.
Northwest Water Reclamation Facility	7500 26 th Ave. N.
Southwest Water Reclamation Facility	3800 54 th Ave. S.
St. Petersburg Master Reuse System	1650 Third Ave. N.

4. The Facilities are further described as follows:

a. Albert Whitted Water Reclamation Facility (Albert Facility), a 12.4 million gallons per day (MGD) annual average daily flow (AADF), Type I modified conventional activated sludge domestic wastewater treatment plant. The Albert Facility, although currently closed, was

operated under Wastewater Permit No. FLA128830 (Albert Permit), issued on June 4, 2012 (Albert Permit expires on June 3, 2017). The Albert Facility is located at 601 8th Avenue Southeast, St. Petersburg, in Pinellas County, Florida (Albert Property). The Respondent owns the Albert Property on which the Albert Facility is located.

b. Northeast Water Reclamation Facility (Northeast Facility), a 16.0 million gallons per day (MGD) annual average daily flow (AADF), Type I complete-mix activated sludge domestic wastewater treatment plant. The Northeast Facility is operated under Wastewater Permit No. FLA128856 (Northeast Permit), which became effective on June 13, 2016, and will expire on June 12, 2021. The Northeast Facility is located at 1160 62nd Ave Northeast, St. Petersburg, in Pinellas County, Florida (Northeast Property). The Respondent owns the Northeast Property on which the Northeast Facility is located.

c. Northwest Water Reclamation Facility (Northwest Facility), a 20.0 million gallons per day (MGD) annual average daily flow (AADF), Type I, complete mix activated sludge, domestic wastewater treatment plant. The Northwest Facility is operated under Wastewater Permit No. FLA128821 (Northwest Permit), which became effective on September 14, 2015, and will expire on September 13, 2020. The Northwest Facility is located at 7500 26th Avenue North, St. Petersburg, in Pinellas County, Florida (Northwest Property). The Respondent owns the Northwest Property on which the Northwest Facility is located.

d. Southwest Water Reclamation Facility (Southwest Facility), a 20.0 million gallons per day (MGD) annual average daily flow (AADF), Type I, complete mix activated sludge, domestic wastewater treatment plant. The Southwest Facility is operated under Wastewater Permit No. FLA128848 (Southwest Permit), which became effective on June 29, 2015, revised on July 29, 2015, and will expire on June 28, 2017. The Southwest Facility is located at 3800 54th Avenue South, St. Petersburg, in Pinellas County, Florida (Southwest Property). The Respondent owns the Southwest Property on which the Southwest Facility is located.

e. St. Petersburg Master Reuse System (St. Petersburg System), a 68.4 million gallons per day (MGD) annual average daily flow (AADF), Part III slow-rate public access master reuse system. The St. Petersburg System is operated under Wastewater Permit No. FLA012881 (St. Petersburg Permit), which became effective on April 11, 2013, and will expire on April 10, 2023.

The St. Petersburg System is located city-wide with offices at 1650 3rd Avenue North, St. Petersburg, in Pinellas County, Florida (St. Petersburg Property).

5. The Department finds that the following violations of 62-604.130 Fla. Admin. Code R. occurred:

a. From August 2, 2015 through August 10, 2015, unpermitted discharges of wastewater and effluent from several of the Facilities and Systems into waters of the State and/or into adjacent canals, ditches and ponds that are connected to waters of the State occurred. These unpermitted discharges resulted in the release of approximately 31.5 million gallons of untreated wastewater and effluent. The Respondent reported these discharges to the Department.

b. From June 6, 2016 through June 9, 2016, unpermitted discharges of wastewater and effluent from several of the Facilities and Systems into waters of the State and/or into adjacent canals, ditches and ponds that are connected to waters of the State occurred. These unpermitted discharges resulted in the release of approximately 230,000 gallons of untreated wastewater and effluent through overflows at manholes and 9.77 million gallons of partially treated wastewater through the emergency outfall at Albert Whitted Water Reclamation Facility. The Respondent reported these discharges to the Department.

c. From August 31, 2016 through September 13, 2016, unpermitted discharges of wastewater and effluent from several of the Facilities and Systems into waters of the State and/or into adjacent canals, ditches and ponds that are connected to waters of the State occurred. These unpermitted discharges resulted in the release of an unknown volume of untreated wastewater and effluent through overflows at manholes and between 78 and 93 million gallons of partially treated wastewater through the emergency outfall at the Albert Facility and 58 million gallons of treated effluent to Jungle Lake. The Respondent reported these discharges to the Department.

d. On August 1, 2016, the Respondent submitted a Wet Weather Overflow Mitigation Program (a copy of Program attached and incorporated hereto as Exhibit 1) to the Department which contains projects designed to significantly reduce wastewater overflows and unpermitted effluent discharges.

Having reached a resolution of the matter Respondent and the Department mutually agree and it is **ORDERED**:

6. Respondent shall comply with the following corrective actions within the stated time periods:

a. No later than (PLACEHOLDER - FINAL DATE AND INTERIM DATES TBD) complete construction on the Southwest Facility's treatment improvements to increase its maximum day treatment capacity from 40 to 60 MGD and;

b. No later than (PLACEHOLDER - FINAL DATE AND INTERIM DATES TBD), complete construction of two new injection wells at the Southwest Facility;

c. No later than (PLACEHOLDER - FINAL DATE AND INTERIM DATES TBD), complete construction of the new effluent filter at the Northwest Facility;

d. Within 30 days of effective date of this Order, Respondent shall submit to the Department an update of the 2014 Capacity Study and Feasibility Study (Study attached hereto as Exhibit 2) for the purpose of evaluating current and future capabilities of Respondent's water reclamation facilities referenced in paragraph 5.

e. As part of the Capacity Study and Feasibility Study update, Respondent shall include a conclusion, with justification, whether Respondent should reopen the Albert Whitted Facility. If Respondent concludes it should reopen the Albert Facility, Respondent shall provide a timeline with associated measures required to reopen. If Respondent concludes it should not reopen the Albert Facility, then Respondent shall include a plan for providing alternative replacement capacity.

f. No later than, (PLACEHOLDER - FINAL DATE AND INTERIM TIMEFRAMES TBD), complete the sanitary sewer evaluation survey as detailed on page 5 of the Program;

g. No later than (PLACEHOLDER - FINAL DATE AND INTERIM TIMEFRAMES TBD), complete lining of the public laterals as detailed on page 6 of the Program;

h. No later than, (PLACEHOLDER - FINAL DATE AND INTERIM TIMEFRAMES TBD), complete the repair, replacement, and/or rehabilitation programs for all of the Respondent's wastewater collection system as detailed on pages 7 and 8 of the Program.

i. Beginning on (PLACEHOLDER - FINAL DATE TBD) and continuing

semiannually thereafter (i.e. the Implementation Report shall be due on January 28 and July 28 each year during the pendency of this Order) the Respondent shall submit a written report (Implementation Report) to the Department summarizing the status of implementing the Program and proposing any modifications to the Program deemed essential to minimize wastewater overflows from the Systems and Facilities. Any modifications to the Program are subject to Department approval. The Implementation Report shall also include a projection of the work to be performed during the following year.

7. Upon the effective date of this Order, Respondent shall report to the Department all unpermitted wastewater and effluent discharges from the Systems and the Facilities as soon as possible, but within 24 hours from the time the Respondent becomes aware of the discharge, as required by 62-604.550 and 62-620.610(20) Fla. Admin. Code R., respectively.

8. Within 60 days of the effective date of this Order, Respondent shall retain the services of a professional engineer, registered in the State of Florida, to accomplish all of the following:

- a. Evaluating the Facilities, including the associated effluent disposal systems and associated collection systems, to discover the cause or causes of the unauthorized discharges referenced above;
- b. Designing modifications of the Facilities, effluent disposal systems, and collection systems to ensure the Facilities and effluent disposal systems will function in full and consistent compliance with all applicable rules of the Department;
- c. Completing an application for a Department wastewater permit to construct the modifications listed in subparagraph (b) of this paragraph, if such a permit is required.
- d. Overseeing the construction of any modifications to the Facilities, effluent disposal system, or collection system;
- e. Submitting to the Department a Certification of Completion, prepared and sealed by a professional engineer registered in the State of Florida, stating that modifications to the Facilities, effluent disposal system, and collection system have been constructed in accordance with the provisions of the Permit;

f. In the event the Department requires additional information to process the permit application described in subparagraph (c) of this paragraph, providing a written response containing the information requested by the Department within 30 days of the date of the request;

9. Within 180 days of the effective date of this Order, Respondent shall submit a complete application for a Department wastewater permit to construct the modifications listed in subparagraph 8(b), if such a permit is required.

10. Within 60 days of the date a wastewater permit is issued, or, if no permit is required, within 60 days of the effective date of this Order, Respondent shall complete construction of the modifications developed pursuant to paragraph 8 and submit a Certification of Completion, prepared and sealed by a professional engineer registered in the State of Florida, stating that modifications to the Facilities, effluent disposal systems, and collection systems have been constructed in accordance with the provisions of the Permit. Respondent shall submit the Certification of Completion to the Department within 30 days after construction is completed.

11. Within 30 days of the effective date of this Order, Respondent shall submit to the Department a final summary report of the overflows referenced in subparagraph 5c, including final volumes for all reported spills.

12. Within 90 days of the effective date of this Order, Respondent shall submit a written estimate of the total cost of the corrective actions required by this Order to the Department. The written estimate shall identify the information the Respondent relied upon to provide the estimate.

13. Within 60 days of the effective date of this Order, Respondent shall pay the Department \$1,000.00 for costs and expenses incurred by the Department during the investigation of this matter and the preparation and tracking of this Order.

14. Respondent agrees to pay to the Department stipulated penalties in the amount of \$10,000.00 per day for each and every day Respondent fails to comply with paragraphs 6 through 12 and 27 of this Order. The Department may demand stipulated penalties at any time after violations occur. Respondent shall pay stipulated penalties owed within 30 days of the Department's issuance of written demand for payment, and shall do so as further described in paragraph 16, below. Nothing in this paragraph shall prevent the Department from filing suit to specifically enforce any terms of this Order.

15. Respondent shall make all payments required by this Order by cashier's check, money order, City check or on-line payment. Cashier's check, money order, or City check shall be made payable to the "Department of Environmental Protection" and shall include both the OGC number assigned to this Order and the notation "Water Quality Assurance Trust Fund." Online payments by e-check can be made by going to the DEP Business Portal: <http://www.fldepportal.com/go/pay/>. It will take a number of days after this order is final and effective filed with the Clerk of the Department before ability to make online payment is available.

16. Except as otherwise provided, all submittals and payments required by this Order shall be sent to Michele Duggan, Environmental Consultant, Compliance Assurance Program, Department of Environmental Protection, Southwest District Office, 13051 N. Telecom Parkway, Temple Terrace, Florida 33637-0926, email: Michele.Duggan@dep.state.fl.us.

17. Respondent shall allow all authorized representatives of the Department access to the Facilities and the Properties at reasonable times for the purpose of determining compliance with the terms of this Order and the rules and statutes administered by the Department.

18. If any event, including administrative or judicial challenges by third parties unrelated to Respondent, occurs which causes delay or the reasonable likelihood of delay in complying with the requirements of this Order, Respondent shall have the burden of proving the delay was or will be caused by circumstances beyond the reasonable control of Respondent and could not have been or cannot be overcome by Respondent's due diligence. Neither economic circumstances nor the failure of a contractor, subcontractor, materialman, or other agent (collectively referred to as "contractor") to whom responsibility for performance is delegated to meet contractually imposed deadlines shall be considered circumstances beyond the control of Respondent (unless the cause of the contractor's late performance was also beyond the contractor's control). Upon occurrence of an event causing delay, or upon becoming aware of a potential for delay, Respondent shall notify the Department by the next working day and shall, within seven calendar days notify the Department in writing of (a) the anticipated length and cause of the delay, (b) the measures taken or to be taken to prevent or minimize the delay, and (c) the timetable by which Respondent intends to implement these measures. If the parties can agree that the delay or anticipated delay has been or will be caused by circumstances beyond the reasonable control of Respondent, the time for performance hereunder shall be extended. The agreement to extend compliance must identify the provision or

provisions extended, the new compliance date or dates, and the additional measures Respondent must take to avoid or minimize the delay, if any. Failure of Respondent to comply with the notice requirements of this paragraph in a timely manner constitutes a waiver of Respondent's right to request an extension of time for compliance for those circumstances.

19. The Department, for and in consideration of the complete and timely performance by Respondent of all the obligations agreed to in this Order, hereby conditionally waives its right to seek judicial imposition of damages or civil penalties for the violations described above up to the date of the filing of this Order. This waiver is conditioned upon Respondent's complete compliance with all of the terms of this Order.

20. This Order is a settlement of the Department's civil and administrative authority arising under Florida law to resolve the matters addressed herein. This Order is not a settlement of any criminal liabilities which may arise under Florida law, nor is it a settlement of any violation which may be prosecuted criminally or civilly under federal law. Entry of this Order does not relieve Respondent of the need to comply with applicable federal, state, or local laws, rules, or ordinances.

21. The Department hereby expressly reserves the right to initiate appropriate legal action to address any violations of statutes or rules administered by the Department that are not specifically resolved by this Order.

22. Respondent is fully aware that a violation of the terms of this Consent Order may subject Respondent to judicial imposition of damages, civil penalties up to \$10,000.00 per day per violation, and criminal penalties.

23. Respondent acknowledges and waives its right to an administrative hearing pursuant to sections 120.569 and 120.57, Fla. Stat., on the terms of this Order. Respondent also acknowledges and waives its right to appeal the terms of this Order pursuant to section 120.68, Fla. Stat.

24. Electronic signatures or other versions of the parties' signatures, such as .pdf or facsimile, shall be valid and have the same force and effect as originals. No modifications of the terms of this Order will be effective until reduced to writing, executed by both Respondent and the Department, and filed with the clerk of the Department.

25. The terms and conditions set forth in this Consent Order may be enforced in a court of competent jurisdiction pursuant to sections 120.69 and 403.121, Fla. Stat. Failure to comply with the terms of this Order constitutes a violation of section 403.161(1)(b), Fla. Stat.

26. This Consent Order is a final order of the Department pursuant to section 120.52(7), Fla. Stat., and it is final and effective on the date filed with the Clerk of the Department unless a Petition for Administrative Hearing is filed in accordance with Chapter 120, Fla. Stat. Upon the timely filing of a petition, this Consent Order will not be effective until further order of the Department.

27. Respondent shall publish the following notice in a newspaper of daily circulation in Pinellas County, Florida. The notice shall be published one time only within 15 days of the effective date of the Consent Order. Respondent shall provide a certified copy of the published notice to the Department within 10 days of publication.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF CONSENT ORDER

The Department of Environmental Protection (“Department”) gives notice of agency action of entering into a Consent Order with the City of St. Petersburg, pursuant to section 120.57(4), Florida Statutes. The Consent Order addresses alleged unpermitted wastewater and effluent discharges from the City’s wastewater reclamation facilities and associated wastewater collection/transmission systems to State waters, and the implementation plan to minimize further discharges. The Consent Order is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the Department of Environmental Protection, Southwest District Office, 13051 North Telecom Parkway, Temple Terrace, Florida 33637-0926.

Persons who are not parties to this Consent Order, but whose substantial interests are affected by it, have a right to petition for an administrative hearing under sections 120.569 and 120.57, Florida Statutes. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition concerning this Consent Order means that the Department’s final action may be different from the position it has taken in the Consent Order.

The petition for administrative hearing must contain all of the following information:

- a) The OGC Number assigned to this Consent Order;
- b) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner’s representative, if any, which shall be the address for service purposes during the course of the proceeding;
- c) An explanation of how the petitioner’s substantial interests will be affected by the Consent Order;
- d) A statement of when and how the petitioner received notice of the Consent Order;
- e) Either a statement of all material facts disputed by the petitioner or a statement that the petitioner does not dispute any material facts;
- f) A statement of the specific facts the petitioner contends warrant reversal or modification of the Consent Order;

- g) A statement of the rules or statutes the petitioner contends require reversal or modification of the Consent Order; and
- h) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Consent Order.

The petition must be filed (received) at the Department's Office of General Counsel, 3900 Commonwealth Boulevard, MS# 35, Tallahassee, Florida 32399-3000 within 21 days of receipt of this notice. A copy of the petition must also be mailed at the time of filing to the District Office at Florida Department of Environmental Protection, Southwest District Office, 13051 North Telecom Parkway, Temple Terrace, Florida 33637-0926. Failure to file a petition within the 21-day period constitutes a person's waiver of the right to request an administrative hearing and to participate as a party to this proceeding under sections 120.569 and 120.57, Florida Statutes. Before the deadline for filing a petition, a person whose substantial interests are affected by this Consent Order may choose to pursue mediation as an alternative remedy under section 120.573, Florida Statutes. Choosing mediation will not adversely affect such person's right to request an administrative hearing if mediation does not result in a settlement. Additional information about mediation is provided in section 120.573, Florida Statutes and Rule 62-110.106(12), Florida Administrative Code.

28. Rules referenced in this Order are available at <http://www.dep.state.fl.us/legal/Rules/rulelist.htm>

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FOR THE RESPONDENT:

Rick Kriseman
Mayor
City of St. Petersburg

DONE AND ORDERED this _____ day of _____, 2016 in Hillsborough
County, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Mary E. Yeargan, PG
District Director
Southwest District Office

FILED, on this date, pursuant to section 120.52, FLA. STAT., with the designated Depart-
ment Clerk, receipt of which is hereby acknowledged.

Clerk

Date

Copies furnished to:
Lea Crandall, Agency Clerk, Mail Station 35

DW_CO (REV. 06/09)

CITY OF ST PETERSBURG
WET WEATHER OVERFLOW MITIGATION PROGRAM

SOUTHWEST WATER RECLAMATION FACILITY (SWWRF)			
Treatment Improvements			
Scope			
			<p>Increase the facility's maximum day treatment capacity from 40 to 60 mgd</p> <ul style="list-style-type: none"> - Expand the headworks in order to provide additional screening capacity - Addition of a fourth secondary clarifier - Additional effluent dual media filters and/or conversion to an alternate filtration technology - Addition of a third chlorine contact basin - Additional effluent pumps - Miscellaneous piping modifications to handle the increased flow
Funding			
			\$21.7 M in FY17 CIP for design and construction
Schedule			
			<p>July 2016 – issued RFQ for design consultant</p> <p>September 2016 – issue RFP for Construction Manager at Risk (CMAR)</p> <p>September 2017 – complete design</p>





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www.stpete.org

CITY OF ST. PETERSBURG
PUBLIC WORKS ADMINISTRATION

CLAUDE TANKERSLEY, Public Works Administrator

		September 2019 – complete construction
	Effluent Disposal	
	Scope	
	Increase in capacity and reliability of our effluent disposal system with the construction of two new injection wells.	
	Funding	
	\$0.50 M in FY17 for design \$11.7 M in FY18 for construction	
	Schedule	
	July 2016 – issued RFQ for design consultant September 2017 – complete design and permitting October 2017 – advertise for construction September 2019 – complete construction	
NORTHEAST WATER RECLAMATION FACILITY (NEWRF)		



City of St. Petersburg
Public Works Administration
P.O. Box 2842
St. Petersburg, FL 38731-2842
O: 727-893-7294

Treatment Improvements	
	Scope
	Increase the facility's reliability by the addition of a new effluent filter.
	Funding
	\$0.3 M in FY18 CIP for design \$2.7 M in FY19 CIP for construction
	Schedule
	October 2017 – begin design of facilities October 2018 – begin construction October 2020 – complete construction
ALBERT WHITTED WATER RECLAMATION FACILITY (AWWRF)	
Storage Capacity and Reliability Improvements	
	Scope



			During major storm events the decommissioned tanks at the AWWRF are used for flow equalization. This project, which includes cleaning the digesters and modifying the piping, will increase storage capacity from 5 MG to 8 MG.
		Funding	
			\$0.3 M has already been authorized in FY16 for constructing piping modifications \$0.23 M has already been authorized in FY16 for digester cleaning
		Schedule	
			July 2016 – modify piping August 2016 – digester cleaning contractor mobilized September 2016 – complete piping modifications (provides 2 MG of capacity) January 2017 – digester cleaning complete (provides 1 MG of capacity)
WASTEWATER COLLECTION SYSTEM			
Wet Weather Overflow Mitigation Phase 2			



		Scope
		Phase 2 consists of a sanitary sewer evaluation survey of the City's entire wastewater collection system. The evaluation will identify areas within the system where we need to replace and/or rehabilitate the sewers.
		Funding
		\$2.8 M has already been authorized in FY16 for the evaluation
		Schedule
		<p>June 2016 – Council approved consultant agreement</p> <p>July 2016 – flow meters were installed in sewer manholes</p> <p>December 2016 – collection of field data complete</p> <p>June 2017 – complete data evaluation and update of hydraulic model</p> <p>July 2017 – complete “stress test” of the collection system</p> <p>July 2017 – submit draft report</p> <p>August 2017 – submit final report</p>
Maximo Mooring Pilot Study – Phase 2		
		Scope
		Study to evaluate how effective the lining of public laterals is in reducing the amount of infiltration



		Funding	
		\$0.1 M has been authorized in FY16 for the evaluation	
		Schedule	
		<p>June 2016 – flow meters installed in sewer manholes</p> <p>October 2016 – collection of field data complete</p> <p>November 2016 – submit draft report</p> <p>December 2016 – submit final report</p>	
		Wastewater Collection System Rehabilitation	
		Scope	
		This project consists of the continuation and expansion of the City's repair, replacement and/or rehabilitation programs for all components of the wastewater collection system (excluding lift station which are funded separately) to ensure system	



			sustainability and level of service. Substantial increases in funding are planned for FY17 through FY21 to improve system condition. Specific components include annual construction contracts for: (1) open-cut repair/replacement, (2) CIPP main line and lateral lining, (3) manhole rehabilitation.
		Funding	
			<p>\$7.5 M previously approved for FY16</p> <p>\$3.0 M recently approved additional funding for FY16</p> <p>\$10.5 M proposed for FY17</p> <p>\$14.5 M proposed for FY18 through FY21</p>
		Schedule	
			<p>July 2016 – began preparing contract documents for a CIPP mainline sewer lining contract (\$3 M, for unspecified locations)</p> <p>July 2016 – began preparing contract documents for a CIPP mainline sewer and public laterals lining contract (\$2.5 M, for a specific area in the vicinity of 54th A/S and 4th S/S)</p> <p>September 2016 – Finish year-3 of existing open-cut repair/replace contract (\$2.15 M, for unspecified locations)</p> <p>September 2016 – Finish year-2 of existing CIPP lateral lining contract (\$0.45 M, for unspecified locations)</p> <p>October 2016 – Renew (year-4) existing open-cut repair/replace contract (\$2.0 M, for unspecified locations)</p> <p>October 2016 – Renew (year-3) existing CIPP lateral lining contract (\$0.45 M, for unspecified locations)</p> <p>October 2016 – Award a new CIPP mainline sewer lining contract (\$3 M, for unspecified locations)</p> <p>October 2016 – Award a new CIPP mainline sewer and public laterals lining contract (\$2.5 M, for a specific area in the vicinity of 54th A/S and 4th S/S)</p>



CLAUDE TANKERSLEY, Public Works Administrator

		<p>November 2016 – Finish year-3 of existing MH rehabilitation contract - (\$0.50 M, for unspecified locations)</p> <p>December 2016 – Renew (year-4) existing MH rehabilitation contract - (\$0.50 M, for unspecified locations)</p> <p>December 2016 – Finish year-2 of existing CIPP mainline sewer lining contract (\$2.5 M, for unspecified locations)</p> <p>January 2017 – Renew (year-3) existing CIPP mainline sewer lining contract (\$2.5 M, for unspecified locations)</p> <p>January 2017 – Award a second CIPP mainline sewer and public laterals lining contract (\$2.5 M, for a specific area yet to be determined)</p>
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