

Future Improvements



System: Future Improvements
Type: Wastewater Treatment

Driver Category: Capacity Improvements
Project Status: Proposed
Regulatory: None

Prog Cost	Exp to Previous Year	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28
\$16,368	\$0	\$0	\$0	\$752	\$3,311	\$1,701	\$6,124	\$1,379	\$407	\$515	\$2,178

PROJECT DESCRIPTION

An analysis of the value of HRSD Infrastructure has determined that the Treatment Plants should constitute 45 percent of CIP expenditures. This percentage was used to calculate what will be spent on Treatment Plant projects in order to meet the financial target. This total cost will be split equally among rehab/replacement projects and expansion/new projects. This project is for undefined expansion or new Treatment Plant projects.

PROJECT JUSTIFICATION

This project is a placeholder to meet future year spending targets. Analysis of the value of the Interceptor, Pump Station, Treatment Plant and General systems have allowed for minimum future year spending thresholds to be calculated. In order to balance the CIP in the outer years, the minimum spending targets will have to be met as well as meeting the total CIP spending target.

FUNDING TYPE

Funding Type: Revenue Bond

CONTACTS

Contacts-Requesting Dept: Engineering
Contacts-Dept Contacts: John Dano
Contacts-Managing Dept: Engineering

PROPOSED SCHEDULE START DATE

PrePlanning
PER
Design Delay
Design
Bid Delay
PreConstruction
Construction 07/01/2025
Closeout

COST ESTIMATE

Cost Estimate Class:	\$0
PrePlanning	\$0
PER	\$0
Design	\$0
PreConstruction	\$0
Construction	\$16,367,647
Closeout	\$0
Est. Program Cost	\$16,367,647
Contingency Budget	\$0
Est. Project Costs	\$16,367,647



System: Future Improvements
Type: Facilities, Buildings and Capital Equipment

Driver Category: Capacity Improvements
Project Status: Proposed
Regulatory: None

Prog Cost	Exp to Previous Year	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28
\$1,653	\$0	\$0	\$0	\$0	\$338	\$138	\$680	\$153	\$45	\$57	\$242

PROJECT DESCRIPTION

An analysis of the value of HRSD Infrastructure has determined that the General System should constitute 10 percent of CIP expenditures. This percentage was used to calculate what will be spent on General projects in order to meet the financial target. This total cost will be split equally among rehab/replacement projects and expansion/new projects. This project is for undefined expansion or new General projects.

PROJECT JUSTIFICATION

This project is a placeholder to meet future year spending targets. Analysis of the value of the Interceptor, Pump Station, Treatment Plant and General systems have allowed for minimum future year spending thresholds to be calculated. In order to balance the CIP in the outer years, the minimum spending targets will have to be met as well as meeting the total CIP spending target.

FUNDING TYPE

Funding Type: Revenue Bond

CONTACTS

Contacts-Requesting Dept: Engineering
Contacts-Dept Contacts: John Dano
Contacts-Managing Dept: Engineering

PROPOSED SCHEDULE START DATE

PrePlanning
PER
Design Delay
Design
Bid Delay
PreConstruction
Construction 07/01/2025
Closeout

COST ESTIMATE

Cost Estimate Class:	\$0
PrePlanning	\$0
PER	\$0
Design	\$0
PreConstruction	\$0
Construction	\$1,653,421
Closeout	\$0
Est. Program Cost	\$1,653,421
Contingency Budget	\$0
Est. Project Costs	\$1,653,421



System: Future Improvements
Type: Wastewater Treatment

Driver Category: Aging Infrastructure/Rehabilitation
Project Status: Proposed
Regulatory: None

Prog Cost	Exp to Previous Year	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28
\$16,368	\$0	\$0	\$0	\$752	\$3,311	\$1,701	\$6,124	\$1,379	\$407	\$515	\$2,178

PROJECT DESCRIPTION

An analysis of the value of HRSD Infrastructure has determined that the Treatment Plants should constitute 45 percent of CIP expenditures. This percentage was used to calculate what will be spent on Treatment Plant projects in order to meet the financial target. This total cost will be split equally among rehab/replacement projects and expansion/new projects. This project is for undefined rehabilitation or replacement Treatment Plant projects.

PROJECT JUSTIFICATION

This project is a placeholder to meet future year spending targets. Analysis of the value of the Interceptor, Pump Station, Treatment Plant and General systems have allowed for minimum future year spending thresholds to be calculated. In order to balance the CIP in the outer years, the minimum spending targets will have to be met as well as meeting the total CIP spending target.

FUNDING TYPE

Funding Type: Revenue Bond

CONTACTS

Contacts-Requesting Dept: Engineering
Contacts-Dept Contacts: John Dano
Contacts-Managing Dept: Engineering

PROPOSED SCHEDULE START DATE

PrePlanning
PER
Design Delay
Design
Bid Delay
PreConstruction
Construction 07/01/2025
Closeout

COST ESTIMATE

Cost Estimate Class:	\$0
PrePlanning	\$0
PER	\$0
Design	\$0
PreConstruction	\$0
Construction	\$16,367,647
Closeout	\$0
Est. Program Cost	\$16,367,647
Contingency Budget	\$0
Est. Project Costs	\$16,367,647



System: Future Improvements
Type: Facilities, Buildings and Capital Equipment

Driver Category: Aging Infrastructure/Rehabilitation
Project Status: Proposed
Regulatory: None

Prog Cost	Exp to Previous Year	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28
\$1,653	\$0	\$0	\$0	\$0	\$338	\$138	\$680	\$153	\$45	\$57	\$242

PROJECT DESCRIPTION

An analysis of the value of HRSD Infrastructure has determined that the General System should constitute 10 percent of CIP expenditures. This percentage was used to calculate what will be spent on General projects in order to meet the financial target. This total cost will be split equally among rehab/replacement projects and expansion/new projects. This project is for undefined rehabilitation or replacement General projects.

PROJECT JUSTIFICATION

This project is a placeholder to meet future year spending targets. Analysis of the value of the Interceptor, Pump Station, Treatment Plant and General systems have allowed for minimum future year spending thresholds to be calculated. In order to balance the CIP in the outer years, the minimum spending targets will have to be met as well as meeting the total CIP spending target.

FUNDING TYPE

Funding Type: Revenue Bond

CONTACTS

Contacts-Requesting Dept: Engineering
Contacts-Dept Contacts: John Dano
Contacts-Managing Dept: Engineering

PROPOSED SCHEDULE START DATE

PrePlanning
PER
Design Delay
Design
Bid Delay
PreConstruction
Construction 07/01/2025
Closeout

COST ESTIMATE

Cost Estimate Class:	\$0
PrePlanning	\$0
PER	\$0
Design	\$0
PreConstruction	\$0
Construction	\$1,653,421
Closeout	\$0
Est. Program Cost	\$1,653,421
Contingency Budget	\$0
Est. Project Costs	\$1,653,421



System: Future Improvements
Type: Pipelines

Driver Category: I&I Abatement-Regional Wet Weather Management Plan
Project Status: Proposed
Regulatory: Regional Wet Weather Management Plan

Prog Cost	Exp to Previous Year	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28
\$196,873	\$0	\$0	\$1,773	\$3,218	\$15,553	\$27,490	\$29,516	\$27,012	\$31,655	\$32,730	\$27,926

PROJECT DESCRIPTION

This project will serve as a placeholder for projects identified in the Regional Wet Weather Management Plan (RWWMP). This project will account for improvements to HRSD and Locality owned infrastructure. Once the RWWMP identifies specific needs, this placeholder will be replaced by numerous CIP projects. Numerous projects already programmed in the 10 year CIP will also contribute to the Wet Weather Plan requirements.

PROJECT JUSTIFICATION

These projects are an outcome of the Regionalization of the Wet Weather Management Plan.

FUNDING TYPE

Funding Type: Revenue Bond

CONTACTS

Contacts-Requesting Dept: Compliance Assurance
Contacts-Dept Contacts: Phil Hubbard
Contacts-Managing Dept: Compliance Assurance

PROPOSED SCHEDULE START DATE

PrePlanning
PER
Design Delay
Design
Bid Delay
PreConstruction
Construction 07/01/2018
Closeout

COST ESTIMATE

Cost Estimate Class:	\$0
PrePlanning	\$0
PER	\$0
Design	\$0
PreConstruction	\$0
Construction	\$1,800,791,000
Closeout	\$0
Est. Program Cost	\$1,800,791,000
Contingency Budget	\$0
Est. Project Costs	\$1,800,791,000



System: Future Improvements
Type: Wastewater Treatment

Driver Category: Nutrient Reduction
Project Status: Proposed
Regulatory: None

Prog Cost	Exp to Previous Year	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28
\$381,402	\$0	\$196	\$3,323	\$17,185	\$22,471	\$50,008	\$74,387	\$76,783	\$30,000	\$62,048	\$45,000

PROJECT DESCRIPTION

This project will provide for needed infrastructure improvements to provide for additional wastewater treatment capabilities.

PROJECT JUSTIFICATION

Additional wastewater treatment capabilities will be needed to reach advanced wastewater treatment standards.

FUNDING TYPE

Funding Type: Revenue Bond

CONTACTS

Contacts-Requesting Dept: General Manager
Contacts-Dept Contacts: John Dano
Contacts-Managing Dept: Engineering

PROPOSED SCHEDULE START DATE

PrePlanning
PER
Design Delay
Design
Bid Delay
PreConstruction
Construction 07/01/2018
Closeout

COST ESTIMATE

Cost Estimate Class:	\$0
PrePlanning	\$0
PER	\$0
Design	\$0
PreConstruction	\$0
Construction	\$529,867,615
Closeout	\$0
Est. Program Cost	\$529,867,615
Contingency Budget	\$0
Est. Project Costs	\$529,867,615