

Capital Improvement Program

Fiscal Years 2027 - 2031

Washington County, Oregon







FY 2026-27 - 2030-31

Capital Improvement Program

Chair Kathryn Harrington
Members of the Board of Directors
Members of the Community Budget Committee
Clean Water Services Customers and Partners

SUMMARY

We are pleased to present Clean Water Services' Proposed Capital Improvement Program (CIP) for Fiscal Year (FY) 2026-27 through FY 2030-31. Clean Water Services (CWS) has prepared the five-year CIP with a focus on investing in our core systems, providing reliable service and ensuring regulatory compliance to our customers, and building partnerships to meet the needs of our community. CWS follows Generally Accepted Accounting Principles (GAAP) to define CIP capital assets — any asset acquired, constructed, financed, modified, or replaced by CWS with a total cost of at least \$50,000 and a useful life of five years or more. Expenditures between \$10,000 and \$50,000 that result in creating a capital asset or extending the useful life of an existing capital asset for at least five years are classified as capital outlay.

All FY 2026-27 project costs identified in the CIP are incorporated into the FY 2026-27 budget. The CIP is \$123.3 million — \$120.8 million in capital projects from the sanitary sewer line of business and \$2.5 million from the surface water management (SWM) line of business. The total cost of the five-year CIP covering Fiscal Years 2027-2031 is \$618,340,700.

THE CIP PROCESS

CWS updates its five-year CIP annually to ensure capital investments remain aligned with system needs, regulatory requirements, and long-term financial capacity. Each cycle includes a comprehensive review of existing projects and the addition of new proposals identified by the planning and delivery departments.

Projects are prioritized using established criteria to evaluate system condition, regulatory drivers, capacity (residential, commercial, and industrial growth), risk,

and service reliability. Prioritization order is then balanced against available staffing and delivery resources to ensure the overall CIP is achievable and strategically sequenced.

A cross-functional budget review team, including department leadership, finance, and capital planning, evaluates the proposed CIP to confirm alignment with CWS' goals and financial targets. This includes evaluating trade-offs and adjusting to maintain affordability while advancing critical infrastructure needs.

The CIP is further evaluated within the context of CWS' 10-year financial plan. Projected capital spending is aligned with available funding sources, including cash and debt, to maintain financial sustainability. Year one of the CIP is included in the FY 2026-27 budget as the capital appropriation.

Operational impacts associated with capital projects, such as additional staffing or ongoing maintenance costs, are identified during planning to ensure these needs are incorporated into future operating budgets and long-range financial planning. CWS looks for savings achieved through new capital technology that results from more efficient use of labor, chemicals, water, or energy. In addition to considering direct operational budget impacts in project selection, CWS also considers operational efficiencies and the long-term viability of the system to meet growing capacity needs.

Identifying and Sequencing Projects

The budget review team considers several factors when it evaluates projects to include in the five-year CIP: master plans, project drivers, and sources of funding.

MASTER PLANS

Master plans are used to identify anticipated treatment and conveyance capacity-related projects and incorporate them into the 10-20 year planning horizon. These plans provide guidance on when projects may be needed. CWS annually reviews trigger assumptions to tune the timing of these projects.

- **East Basin Master Plan:** Composed of projects at the Durham Water Resource Recovery Facility (WRRF) and the tributary conveyance system, adopted in 2022.
- **West Basin Master Plan:** Composed of the Rock Creek WRRF, Hillsboro WRRF, Forest Grove WRRF, and the tributary conveyance system, adopted in 2025.
- **Recycled Water Master Plan:** Identifies opportunities to expand and grow the recycled water program in the Tualatin River Watershed. Expected completion is June 2026.
- **Electrical Master Plan:** Develop an electrical infrastructure plan to complement the East and West Basin Master Plans, with a focus on supporting WRRF expansion, regulatory requirements, and resilience. Current efforts are focused on the Durham WRRF and will expand to include the Rock Creek, Hillsboro, and Forest Grove WRRFs.
- **Healthy Streams Plan:** Adopted in 2005, the plan identified near and long-term actions to improve the overall watershed and stream health. In FY 2026-28, the plan will be updated to reflect current conditions in the watershed, identify and

prioritize investments to meet regulatory compliance, and strengthen watershed health and resilience.

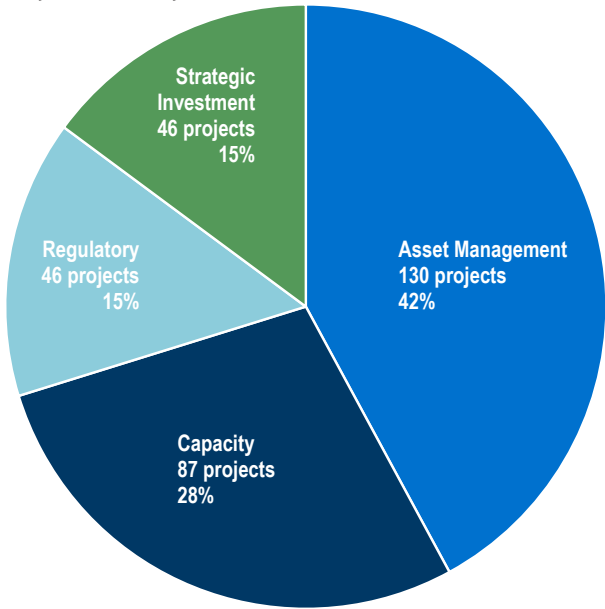
PROJECT DRIVERS

Project managers identify the primary and secondary drivers for each proposed project. These drivers establish a consistent framework for prioritizing capital investments.

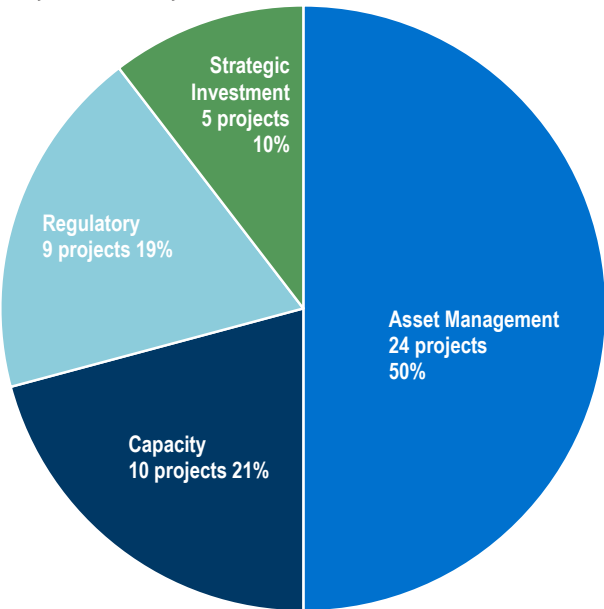
- **Capacity:** Projects that address current and future flows and loads, manage peak wet weather capacity and overflow risks, support future development, and resolve constraints within the treatment and conveyance systems.
- **Asset Management:** Projects that address the condition of existing assets, including those nearing the end of useful life, with a history of failures, high maintenance costs, or service and reliability disruption.
- **Regulatory Compliance:** Projects that ensure current and future compliance with National Pollutant Discharge Elimination System (NPDES) permit requirements, including necessary upgrades and timelines needed to meet regulatory standards.
- **Strategic Investment:** Projects that support CWS’ short- and long-term system performance and resilience, while aligning capital improvements with organizational goals and community priorities.

The charts below demonstrates the project distribution by primary driver for the FY 2026-27 fiscal year.

FY 2026-27 SANITARY SEWER CIP
Project drivers by count



FY 2026-27 SWM CIP
Project drivers by count



SOURCES OF FUNDING

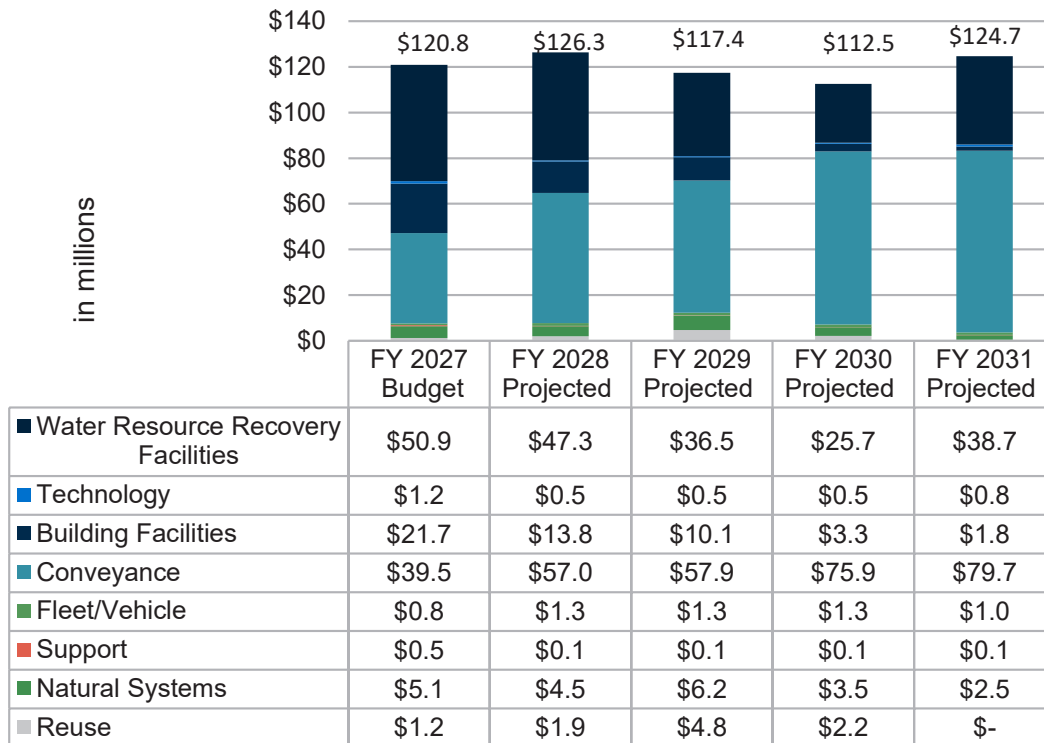
Considerations include regional or local funding, eligibility for System Development Charges (SDC), and financing options such as grants.

SANITARY CIP

The sanitary CIP is primarily funded pay-as-you-go with grants, sanitary SDC revenues, and service charge revenue transfers from the General Fund. Revenue bond funding is considered for significant treatment technology changes or capacity projects to meet future growth. The sanitary CIP includes projects at the four water resource recovery facilities; the sanitary conveyance system, which includes gravity sewers, force mains, and pump stations; recycled water systems to distribute recycled water throughout the CWS service area for irrigation and to fulfill the regulatory permit strategy; stream, wetland, and floodplain restoration projects to enhance compliance with the watershed-based permit; and building facilities, fleet, and technology equipment that support all aspects of CWS operations.

SANITARY CIP

FY 2026-27 projected through FY 2030-31



Water Resource Recovery Facilities Projects

CWS owns, operates, and maintains the Durham, Rock Creek, Hillsboro, and Forest Grove WRRFs. These facilities are among the most technologically advanced water treatment facilities in the nation, treating over 68 million gallons of flow every day. Operation of these facilities is the primary component necessary to meet CWS' NPDES permit. Capital projects at these four facilities are necessary to meet environmental regulations characterized by increasingly stringent limitations on chemicals such as nutrients and per- and polyfluoroalkyl substances (PFAS) that can be discharged into the Tualatin River.

Projects at the WRRFs include replacing and upgrading existing hydraulic and treatment components as well as expanding facilities to meet higher flows generated by industrial, commercial, and residential growth. Projects are designed with the latest technology to maximize efficient operations to help offset personnel, materials, and services that accompany expansion. As the facilities continue to expand to meet demand, additional resources are needed to operate and maintain the treatment systems. These operational impacts are reflected in the operating budgets.

WRRF projects constitute 42% of FY 2026-27 sanitary CIP, and 33% of the five-year FY 2027-31 CIP. Both the Durham and Rock Creek facilities have large projects in the upcoming fiscal year that represent 47% of the overall WRRF sanitary CIP budget in FY 2026-2027.

WRRF PROJECTS

WRRF	Project	Drivers	FY 2026-27 Cost Estimate (millions)	Total Project Cost Estimate (millions)*
Rock Creek	Biogas Utilization	Strategic investment, Asset Management	\$8.0	\$19.8
Rock Creek	Digester #3 & #4 Cover Rehab	Asset Management, Regulatory	\$2.6	\$5.1
Durham	Phase 6B – New Digester	Capacity, Strategic Investment	\$11.0	\$21.4
Durham	Primary Sludge Pump Station Rehab	Asset Management, Capacity	\$2.4	\$5.1
Total			\$24.0	\$51.4 *

* THE TOTAL ESTIMATED PROJECT COST INCLUDES EXPENDITURES INCURRED IN PREVIOUS FISCAL YEARS.

Conveyance System Projects

Conveyance projects can be associated with gravity sewers, force mains, or pump stations. Projects are implemented to extend sewer service to unsewered areas, provide capacity for growth, and rehabilitate or replace sewers and pump station equipment that is in poor condition.

Sanitary sewer projects can reduce inflow and infiltration (I/I) through the rehabilitation of sewers. I/I projects help reduce the sanitary sewer flows to the collection system and treatment facilities, and can help offset future expansion at those facilities.

Sanitary sewer capital improvements in the CIP also include the regional share of collection system projects designed, managed, and maintained by both CWS and the co-implementer cities. Local sewer pipes 12 inches and smaller and within unincorporated areas, and all pump stations and pipelines 24 inches and greater in the service area are maintained and operated by CWS and funded using regional SDCs.

Conveyance projects constitute 33% of FY 2026-27 sanitary CIP, and 52% of the five-year FY 2027-31 CIP. There are significant projects within the conveyance system in the upcoming fiscal year that represent 24% of the overall Conveyance sanitary CIP budget in FY 2026-2027.

CONVEYANCE SYSTEM PROJECTS

Project Name	Location	Drivers	FY 2026-27 Cost Estimate (millions)	Total Project Cost Estimate (millions)*
Brookman Trunk Sewer Extension	Sherwood	Capacity – residential growth	\$2.0	\$11.3
Metzger/Fanno Interceptor	Unincorporated - Metzger	Capacity, Asset Management	\$2.5	\$16.3
Rock Creek Sanitary Trunkline Upgrade – Ph 2	Sherwood (Implemented by Sherwood)	Capacity – residential growth	\$2.8	\$5.8
			(This represents CWS' 100% regional share)	
Rosedale Conveyance System and Pump Station	Hillsboro	Capacity – residential growth	\$1.3	\$19.6
Dirkson Wet Weather Pump Station		Capacity	\$0.7	\$47.0
Total			\$9.3	\$100.0*

* THE TOTAL ESTIMATED PROJECT COST INCLUDES EXPENDITURES INCURRED IN PREVIOUS FISCAL YEARS.

Water Reuse

A critical component of CWS’ NPDES permit compliance strategy is recycling treated water and distributing it throughout the CWS service area for irrigation. The water reuse program helps meet effluent temperature discharge requirements at the WRRFs by avoiding excess thermal load to the Tualatin River. CWS is finalizing a Recycled Water Master Plan, which is planned for completion in June 2026. Reuse projects constitute 1.0% of FY 2026-27 sanitary CIP, and 1.7% of the five-year FY 2027-31 CIP.

WATER REUSE PROJECTS

Project Name	Drivers	FY 2026-27 Cost Estimate (millions)	Total Project Cost Estimate (millions)*
Dairy Creek Confluence and Jackson Bottom Irrigation Improvements	Regulatory	\$0.5	\$1.7
Dairy Creek Confluence Site Enhancements	Regulatory	\$0.2	\$1.2
Total		\$0.7	\$2.9*

* THE TOTAL ESTIMATED PROJECT COST INCLUDES EXPENDITURES INCURRED IN PREVIOUS FISCAL YEARS.

Building Facilities

CWS manages numerous facility expansion projects as strategic investments. Improvements at the CWS Laboratory are planned to be completed by the last quarter of calendar year 2026, with the laboratory staff currently located at ABC moving into the new space in early 2027. CWS Central is undergoing tenant improvements to better support the staff already working in the building, and those planning to move during FY 2026-2027. Springer Street Facility is the next large tenant building project in the five-year planning horizon; it will provide dedicated space for the Field Operations construction and Pump Stations crews. Springer Street Facility is planned for completion in the third quarter of

2028. Building Facilities projects constitute 18% of FY 2026-27 sanitary CIP, and 8% of the five-year FY 2027-31 CIP. Large projects in the upcoming fiscal year represent 89% of the overall Building Facilities CIP budget in FY 2026-2027.

BUILDING FACILITIES PROJECTS

Project	Purpose	Anticipated Completion	FY 2026-27 Cost Estimate (millions)	Total Project Cost Estimate (millions) *
CWS Central	Office space for administrative functions	Jan.-March 2027	\$5.2	\$8.2
CWS Laboratory (identified as Research Innovation Partners Laboratory (RIPL) in CIP)	Laboratory	Oct.-Dec. 2026	\$13.0	\$64.9
Springer Street Facility	Field Operations expansion	July-Sept. 2028	\$1.1	\$24.3
Total			\$19.3	\$97.4*

* THE TOTAL ESTIMATED PROJECT COST INCLUDES EXPENDITURES INCURRED IN PREVIOUS FISCAL YEARS.

Technology and Vehicles

Vehicle addition and replacement projects fund the purchase of light- and medium-duty vehicles for travel between CWS facilities, as well as heavy equipment used in sanitary system operations. Maintaining a reliable fleet ensures staff can work efficiently to support business operations and system maintenance.

Hardware and software systems and related cybersecurity protections are critical to the daily work of CWS staff. Managing and replacing these assets are critical to meeting the high level of service needed to meet CWS operations.

Technology and Vehicle projects constitute 1.7% of FY 2026-27 sanitary CIP, and 1.5% of the five-year FY 2027-31 CIP.

TECHNOLOGY AND VEHICLES

Combined Umbrella Projects by Asset Type	FY 2026-27 Cost Estimate (millions)	5-Year FY 2027-31 Total Cost Estimate (millions)
Technology - Software & Hardware	\$1.2	\$3.7
Vehicles - New and Replacement	\$1.2	\$9.2
Total	\$2.4	\$12.9

Natural System Enhancements

The Natural System Enhancement & Stewardship department (NSES) implements capital improvement projects in natural areas, including wetlands, creeks, streams, and riparian corridors. In addition to supporting regulatory requirements, these projects improve the overall health of the watershed by increasing biodiversity, habitat connectivity, improving water quality, and increasing resilience to climate stressors.

There are two primary project types implemented by NSES. The first is riparian and stream enhancement projects to offset thermal loading from WRRFs to the Tualatin River. These projects are completed in partnership with public landowner agencies, including Metro, US Fish and Wildlife Services (USFWS), and co-implementers. The second is stream stabilization projects to protect exposed sanitary sewers through rehabilitation and replacement. These areas can be exposed due to stream erosion and incision, and if failure occurs, the risk of sanitary sewage overflow to streams and creeks is increased.

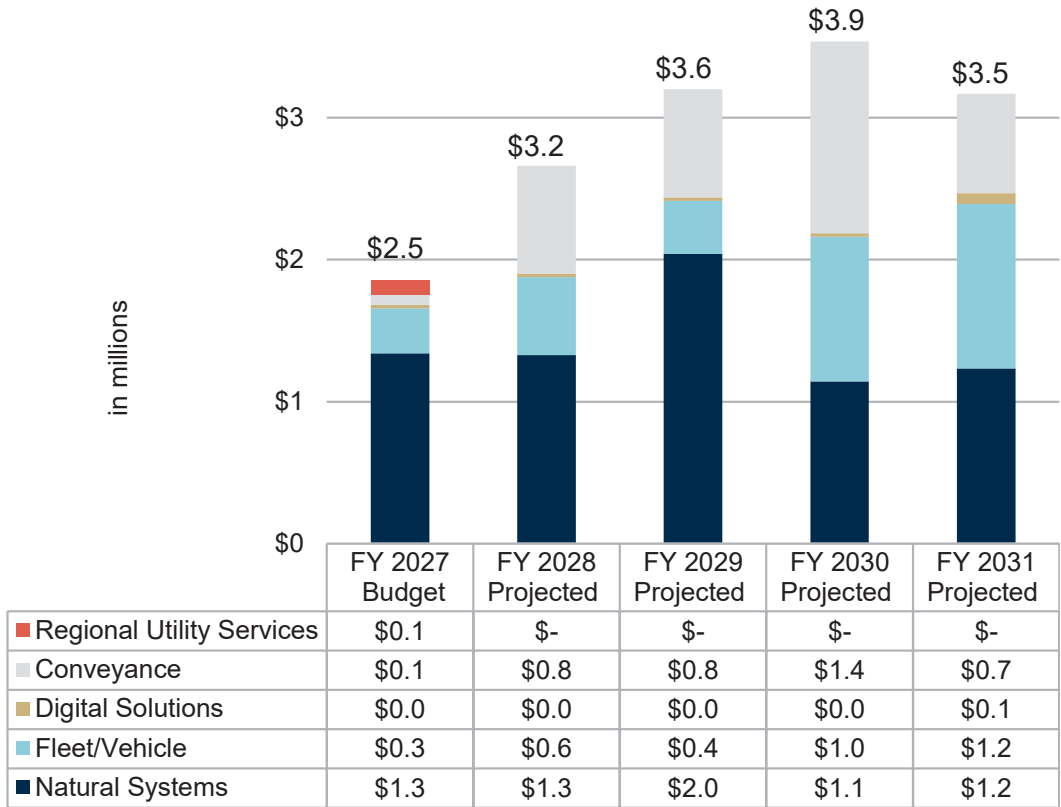
NSES projects constitute 4.3% of FY 2026-27 sanitary CIP, and 3.6% of the five-year FY 2027-31 CIP. Annual Partnerships and discrete NSES projects listed below in the upcoming fiscal year represent 71% of the overall NSES sanitary CIP budget in FY 2026-2027.

ANNUAL PARTNERSHIP PROJECTS

Project	Landowners	FY 2026-27 Cost Estimate (millions)	5-Year FY 2027-31 Total Cost Estimate (millions)
Collaborative Regional Restoration	Metro	\$0.8	\$3.9
Local Restoration Partnerships	Multiple, including Tualatin Hills Park & Recreation District; cities including Hillsboro, Tigard, Tualatin, Beaverton, Sherwood, Forest Grove, Cornelius; The Wetlands Conservancy; Swallowtail School; Oregon Health Science University; and multiple homeowners associations	\$1.7	\$3.3
Tualatin Soil and Water Conservation District and Stewardship Program	Multiple, including City of North Plains, private landowners, and homeowner associations	\$0.1	\$0.4
Tualatin River Refuge Restoration	US Fish and Wildlife Service	\$0.8	\$2.8
Total		\$3.4	\$10.4

DISCRETE PROJECTS

Project	Partner	FY 2026-27 Cost Estimate (millions)	5-Year FY 2027-31 Total Cost Estimate (millions)
Butternut Creek – Elementary School Bridge to 209th	Washington County, City of Hillsboro, Hillsboro School District	\$0.1	\$1.3
Vegetation Material Handling Facility	CWS	\$0.1	\$5.5
Total		\$0.2	\$6.8



SURFACE WATER MANAGEMENT CIP

The SWM CIP is funded pay-as-you-go through transfers of service charge revenue from the SWM Operating Fund and SWM SDCs. Smaller development projects may participate in an in-lieu-of-payment program, contributing toward a regional approach to stormwater management. This approach can support projects such as riparian corridor improvements, which often provide greater environmental benefits than site-specific solutions. In some cases, project costs in the SWM program are shared between CWS and other agencies or are otherwise offset by grant monies.

The Conveyance Engineering and Field Operations teams are responsible for the rehabilitation and improvement of both existing and proposed stormwater systems. This includes managing stormwater conveyance infrastructure as well as engineered water quality facilities such as retention basins, concrete vaults, and detention ponds.

NSES manages the development and implementation of subbasin strategies for stormwater management and resilient stream corridor projects. The projects provide an alternative to construction of onsite stormwater management facilities to meet hydromodification requirements.

The Vegetated Corridor Enhancement Fund (VCEF) project, also implemented by NSES, improves the condition of the vegetated corridor, which is a condition of development. Developers may ask CWS to implement the required enhancement in exchange for a fee. CWS accepts sites into this project based on proximity to other CWS projects, staffing capacity, and programmatic goals.

Vehicle additions and replacement projects are used to purchase light and medium-duty vehicles, as well as heavy equipment used for stormwater systems operation. This equipment allows systems to continue to be maintained at the necessary level of service.

Below are a few significant projects for the upcoming fiscal year that represent 52.1% of the overall SWM CIP budget in FY 2026-2027.

SWM PROJECTS

Project	Department	FY 2026-27 Cost Estimate (millions)	5-Year FY 2027-31 Total Cost Estimate (millions)
Vegetated Corridor Enhancement – Umbrella	NSES	\$0.4	\$1.3
Storm Sewer R&R – Umbrella	Conveyance	\$0.4	\$1.8
SWM Heavy Vehicle Replacement	Fleet	\$0.3	\$3.1
SW Bowmont Storm Rehab	Field Operations	\$0.2	\$0.4
Total		\$1.3	\$6.6

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FUND 101											
Project Name	Project #	Fund	FY26 Adopted	FY26 Revised	FY27 Budget	FY28 Budget	FY29 Budget	FY30 Budget	FY31 Budget	FY 2027-31 Total	
Fleet/Vehicles Projects											
SANITARY LIGHT & MEDIUM DUTY VEHICLE ADDITIONS	6221	101	75,000	64,200	40,000	-	-	-	-	40,000	
Fleet/Vehicle Projects Total			75,000	64,200	40,000	-	-	-	-	40,000	
Technology Projects											
CONFERENCE ROOM AV EQUIPMENT - UMBRELLA	7121	101	30,000	30,000	30,000	30,000	30,000	30,000	30,000	150,000	
Technology Projects Total			30,000	30,000	30,000	30,000	30,000	30,000	30,000	150,000	
Finance Projects											
CAPITAL OUTLAY FY 2026-27		101	-	-	153,000	60,000	60,000	60,000	60,000	393,000	
CAPITAL PLANNING SOFTWARE		101	-	-	30,000	-	-	-	-	30,000	
Finance Projects Total			-	-	183,000	60,000	60,000	60,000	60,000	423,000	
Regulatory Affairs Projects											
NEW LAB ANALYTICAL EQUIPMENT	7107	101	-	137,000	90,000	-	-	-	-	90,000	
Regulatory Affairs Projects Total			-	137,000	90,000	-	-	-	-	90,000	
Fund 101 Sanitary Projects Total			105,000	231,200	343,000	90,000	90,000	90,000	90,000	703,000	

Fund 106											
Project Name	Project #	Fund	FY26 Adopted	FY26 Revised	FY27 Budget	FY28 Budget	FY29 Budget	FY30 Budget	FY31 Budget	FY 2027-31 Total	
Conveyance Field Operations Projects											
FLOW MONITORING EQUIPMENT RENEWAL - UMBRELLA	7402	106	142,000	142,000	150,000	157,500	165,000	173,300	182,000	827,800	
SANITARY SEWER MANHOLE REHABILITATION - UMBRELLA	7385	106	150,000	150,000	150,000	150,000	150,000	150,000	150,000	750,000	
SANITARY SEWER R&R - UMBRELLA	7370	106	200,000	400,000	200,000	200,000	200,000	200,000	200,000	1,000,000	
FIELD OPERATIONS EQUIPMENT REPLACEMENTS	7113	106	110,000	110,000	85,000	90,000	95,000	100,000	105,000	475,000	
Conveyance Field Operations Projects Total			602,000	802,000	585,000	597,500	610,000	623,300	637,000	3,052,800	
Conveyance Rehabilitation Projects											
EXPOSED SANI SEWER MULTI-SITE REPAIRS - CEDAR MILL CREEK AND GOLF CREEK	7355	106	32,000	32,000	132,600	215,600	507,100	1,144,000	16,500	2,015,800	
HALL CREEK SW GRACE LANE TO CANYON DRIVE EXPOSED SANI SEWER STABILIZATION	7351	106	140,000	140,000	231,000	-	-	-	-	231,000	
BOHMANN EXPOSED SEWER REHABILITATION	7305	106	2,000,000	25,000	535,000	1,510,000	-	-	-	2,045,000	
BECKER DRIVE REHABILITATION	7304	106	20,000	100,000	1,550,000	-	-	-	-	1,550,000	
EXPOSED MAINS & LATERALS PROGRAM - PLACEHOLDER		106	-	-	-	-	110,000	115,500	715,000	940,500	
TRIBUTARY TO SYLVAN CREEK EXPOSED SANI SEWER STABILIZATION		106	-	-	27,500	33,000	55,000	55,000	16,500	187,000	
SPRINGVILLE CREEK TRIB AT 6029 NW ALFALFA DR EXPOSED SEWER STABILIZATION	7288	106	399,000	121,600	518,100	-	-	-	-	518,100	
8215 SW FAIRWAY DRIVE EXPOSED SEWER REMEDIATION	7287	106	103,000	103,000	3,100	-	-	-	-	3,100	
Conveyance Rehabilitation Projects Total			2,694,000	521,600	2,997,300	1,758,600	672,100	1,314,500	748,000	7,490,500	
Building Facilities Projects											
CENTRAL FACILITY R&R - UMBRELLA	7303	106	200,000	220,000	50,000	50,000	50,000	50,000	50,000	250,000	
FIELD OPERATIONS MERLO FACILITY R&R - UMBRELLA	7214	106	50,000	30,100	125,000	50,000	50,000	50,000	50,000	325,000	
RIPL FACILITY R&R - UMBRELLA	7213	106	-	-	10,000	2,000	20,000	20,000	20,000	72,000	
TRF FACILITY R&R - UMBRELLA	7210	106	25,000	-	75,000	20,000	20,000	20,000	20,000	155,000	
PUMP STATION FACILITY R&R - UMBRELLA	7165	106	30,000	-	30,000	20,000	20,000	20,000	20,000	110,000	
FOREST GROVE FACILITY R&R - UMBRELLA	7164	106	30,000	-	40,000	20,000	20,000	20,000	20,000	120,000	
HILLSBORO FACILITY R&R - UMBRELLA	7163	106	25,000	-	125,000	25,000	25,000	25,000	25,000	225,000	
DURHAM FACILITY R&R - UMBRELLA	7162	106	140,000	283,000	220,000	60,000	60,000	60,000	60,000	460,000	
ROCK CREEK FACILITY R&R - UMBRELLA	7161	106	25,000	30,500	-	25,000	25,000	25,000	25,000	100,000	
Building Facilities Projects Total			525,000	563,600	675,000	272,000	290,000	290,000	290,000	1,817,000	
Finance Projects											
CAPITAL OUTLAY FY 2026-27 REPLACEMENTS		106	-	-	130,000	60,000	60,000	60,000	60,000	370,000	
Finance Projects Total			-	-	130,000	60,000	60,000	60,000	60,000	370,000	
Fleet/Vehicles Projects											
SANITARY HEAVY DUTY VEHICLE REPLACEMENT	6841	106	1,860,000	1,290,400	625,000	600,000	780,000	700,000	665,000	3,370,000	
SANITARY LIGHT & MEDIUM DUTY VEHICLE REPLACEMENT	6840	106	357,000	291,000	165,000	665,000	545,500	608,800	370,000	2,354,300	
Fleet/Vehicles Projects Total			2,217,000	1,581,400	790,000	1,265,000	1,325,500	1,308,800	1,035,000	5,724,300	

Fund 106

Project Name	Project #	Fund	FY26 Adopted	FY26 Revised	FY27 Budget	FY28 Budget	FY29 Budget	FY30 Budget	FY31 Budget	FY 2027-31 Total
Natural Systems Projects										
CLIMATE RESILIENT RIPARIAN RENEWAL - UMBRELLA	7339	106	361,000	331,100	110,000	93,500	82,500	82,500	66,000	434,500
EMERALD ASH BORER BEETLE REMEDIATION PROJECT - UMBRELLA	7306	106	-	-	-	50,000	-	-	-	50,000
Natural Systems Projects Total			361,000	331,100	110,000	143,500	82,500	82,500	66,000	484,500
Technology Projects										
IT STORAGE ASSET LIFE CYCLE COSTS - UMBRELLA	7030	106	150,000	150,000	150,000	150,000	150,000	150,000	500,000	1,100,000
IT SERVER ASSET LIFE CYCLE COSTS - UMBRELLA	7029	106	330,000	330,000	420,000	140,000	140,000	140,000	140,000	980,000
IT END USER DEVICE ASSET LIFE CYCLE - UMBRELLA	7028	106	170,000	170,000	130,000	60,000	60,000	60,000	60,000	370,000
IT COMMUNICATIONS ASSET LIFE-CYCLE COSTS - UMBRELLA	7027	106	990,000	990,000	361,000	60,000	60,000	60,000	60,000	601,000
CYBERSECURITY UPGRADES - HARDWARE & SOFTWARE - UMBRELLA	7188	106	300,000	225,000	80,000	50,000	50,000	50,000	50,000	280,000
Technology Projects Total			1,940,000	1,865,000	1,141,000	460,000	460,000	460,000	810,000	3,331,000
Water Resource Recovery Facility Durham Projects										
DURHAM PRIMARY CLARIFIERS 1-4 REPAIR	7399	106	150,000	100,000	525,000	925,000	550,000	-	-	2,000,000
DURHAM PRIMARY SLUDGE PS REHAB	7167	106	1,600,000	1,290,000	2,410,000	575,000	-	-	-	2,985,000
DURHAM REPLACEMENT & RENEWAL M/E/I/O - UMBRELLA	7144	106	395,000	600,000	415,000	400,000	400,000	400,000	400,000	2,015,000
DURHAM BOILERS 1&2 UPGRADE	7346	106	121,000	70,000	230,000	-	-	-	-	230,000
DURHAM PLANT ROAD REPAIR & REPLACEMENT	7293	106	240,000	250,000	1,235,000	-	-	-	-	1,235,000
DURHAM REPLACE BACK-UP AIR COMPRESSOR	7281	106	150,000	100,000	230,000	-	-	-	-	230,000
DURHAM PLC UPGRADE TO ALLEN-BRADLEY - UMBRELLA	7218	106	400,000	300,000	400,000	400,000	400,000	400,000	-	1,600,000
DURHAM CHEMICAL BUILDING ELEVATOR MODERNIZATION	106	-	-	-	20,000	440,000	-	-	-	460,000
DURHAM CHEMICAL BUILDING UPPER ROOF REPLACEMENT	106	-	-	-	350,000	100,000	-	-	-	450,000
DURHAM DIGESTER COMPLEX 1 ROOF REPLACEMENT	106	-	-	-	-	300,000	-	-	-	300,000
DURHAM DRY AND WET WEATHER OUTFALL REPAIR	106	-	-	-	75,000	190,000	-	-	-	265,000
DURHAM HEADWORKS BUILDING UPPER ROOF REPLACEMENT	106	-	-	-	480,000	-	-	-	-	480,000
DURHAM IPS HVAC REPAIRS	106	-	-	-	175,000	200,000	-	-	-	375,000
DURHAM PRIMARY EFFLUENT PUMP STATION ROOF REPLACEMENT	106	-	-	-	-	-	125,000	-	-	125,000
DURHAM SOLIDS BUILDING DRAIN REHAB AND REPLACEMENT	106	-	-	-	-	200,000	100,000	-	-	300,000
DURHAM SOLIDS LOADOUT ROOF REPLACEMENT	106	-	-	-	-	80,000	-	-	-	80,000
DURHAM TERTIARY FILTER REHABILITATION	106	-	-	-	-	200,000	700,000	300,000	-	1,200,000
DURHAM VOLATILE FATTY ACID WETWELL REHABILITATION	106	-	-	-	75,000	175,000	-	-	-	250,000
Water Resource Recovery Facility Durham Projects Total			3,056,000	2,710,000	6,620,000	4,185,000	2,275,000	1,100,000	400,000	14,580,000
Water Resource Recovery Facility Forest Grove Projects										
FOREST GROVE REPLACEMENT & RENEWAL M/E/I/O - UMBRELLA	7145	106	270,000	240,000	225,000	200,000	200,000	200,000	200,000	1,025,000
FOREST GROVE ADMIN HVAC REPLACEMENT	106	-	-	-	-	210,000	-	-	-	210,000
FOREST GROVE FIBER OPTICS NETWORK UPGRADE	106	-	-	30,000	140,000	-	-	-	-	140,000
FOREST GROVE NORTH ATS SWITCH REPLACEMENT	106	-	-	-	-	175,000	-	-	-	175,000
Water Resource Recovery Facility Forest Grove Projects Total			270,000	270,000	365,000	585,000	200,000	200,000	200,000	1,550,000
Water Resource Recovery Facility Hillsboro Projects										
HILLSBORO REPLACEMENT & RENEWAL M/E/I/O - UMBRELLA	7146	106	165,000	175,000	25,000	150,000	150,000	150,000	150,000	625,000
HILLSBORO HEADWORKS SYSTEM REHAB	106	-	50,000	50,000	300,000	1,675,000	1,625,000	-	-	3,600,000
HILLSBORO MCC1 REPLACEMENT	106	-	-	-	50,000	260,000	-	-	-	310,000
Water Resource Recovery Facility Hillsboro Projects Total			215,000	225,000	375,000	2,085,000	1,775,000	150,000	150,000	4,535,000
Water Resource Recovery Facility Pump Stations Projects										
PUMP STATION ONAN GENERATOR REPLACEMENTS - UMBRELLA	7319	106	275,000	266,000	330,000	275,000	-	-	-	605,000
PUMP STATION CONTROL PANEL REPLACEMENTS - UMBRELLA	7318	106	250,000	180,000	525,000	380,000	-	-	-	905,000
PUMP STATIONS REPLACEMENT & RENEWAL M/E/I/O - UMBRELLA	7147	106	350,000	355,000	305,000	300,000	300,000	300,000	300,000	1,505,000
Water Resource Recovery Facility Pump Stations Projects Total			875,000	801,000	1,160,000	955,000	300,000	300,000	300,000	3,015,000
Water Resource Recovery Facility Rock Creek Projects										
ROCK CREEK BOILERS 4 & 5 BURNER REPLACEMENTS	7374	106	400,000	420,000	55,000	-	-	-	-	55,000
ROCK CREEK IPS VFD REPLACE	7330	106	1,200,000	700,000	925,000	-	-	-	-	925,000
ROCK CREEK PRIMARY CLARIFIERS DRIVE IMPROVEMENTS- MID YEAR	7297	106	170,000	95,000	115,000	-	-	-	-	115,000
ROCK CREEK REPLACE BACK-UP AIR COMPRESSOR	7282	106	200,000	43,000	620,000	-	-	-	-	620,000
ROCK CREEK FILTERS 5-10 VALVE & ACTUATOR REPLACEMENT	7226	106	510,000	260,000	135,000	-	-	-	-	135,000

Fund 106										
Project Name	Project #	Fund	FY26 Adopted	FY26 Revised	FY27 Budget	FY28 Budget	FY29 Budget	FY30 Budget	FY31 Budget	FY 2027-31 Total
ROCK CREEK PLC UPGRADE TO ALLEN-BRADLEY - UMBRELLA	7217	106	450,000	375,000	400,000	400,000	400,000	400,000	-	1,600,000
ROCK CREEK DEWATERING CONVEYORS REBUILD	7194	106	70,000	35,000	35,000	-	-	-	-	35,000
ROCK CREEK DIGESTER #3 & #4 COVER REHAB	7191	106	2,100,000	1,100,000	2,600,000	1,050,000	-	-	-	3,650,000
ROCK CREEK REPLACEMENT & RENEWAL M/E/I/O - UMBRELLA	7136	106	435,000	500,000	1,100,000	600,000	600,000	600,000	600,000	3,500,000
ROCK CREEK HOT WATER SYSTEM IMPROVEMENTS	7024	106	1,100,000	70,000	1,150,000	1,650,000	-	-	-	2,800,000
ROCK CREEK CHEMICAL BUILDING MAU REPLACEMENT		106	-	-	-	300,000	-	-	-	300,000
ROCK CREEK CLARICONE REHAB		106	-	-	100,000	1,020,000	-	-	-	1,120,000
ROCK CREEK DEWATERING BUILDING MIDDLE ROOF REPLACEMENT		106	-	-	430,000	-	-	-	-	430,000
ROCK CREEK DEWATERING SWITCHBOARD 8 BREAKER REHAB		106	-	-	-	-	-	85,000	585,000	670,000
ROCK CREEK EAST RAS/WAS & AB'S MUA REPLACEMENTS		106	50,000	-	-	375,000	-	-	-	375,000
ROCK CREEK PRIMARY CLARIFIERS MECHANISM COATING		106	-	-	150,000	100,000	100,000	-	-	350,000
ROCK CREEK SWITCHBOARD 7 REPLACEMENT		106	-	15,000	490,000	805,000	-	-	-	1,295,000
ROCK CREEK UPPER TERTIARY MUA REPLACEMENTS		106	-	-	-	210,000	150,000	-	-	360,000
ROCK CREEK UPPER TERTIARY SWITCHGEAR S REPLACEMENT		106	32,500	-	-	-	30,000	352,500	-	382,500
Water Resource Recovery Facility Rock Creek Projects Total			6,717,500	3,613,000	8,305,000	6,510,000	1,280,000	1,437,500	1,185,000	18,717,500

Fund 106 Total			19,472,500	13,283,700	23,253,300	18,876,600	9,330,100	7,326,600	5,881,000	64,667,600
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Fund 108										
Project Name	Project #	Fund	FY26 Adopted	FY26 Revised	FY27 Budget	FY28 Budget	FY29 Budget	FY30 Budget	FY31 Budget	FY 2027-31 Total
Conveyance LID Projects										
SW BRENNE LN REIMBURSEMENT DISTRICT	7277	108	370,000	10,000	360,000	-	-	-	-	360,000
NW 94TH & 95TH AVE @ CORNELL ROAD RD	7276	108	530,000	140,000	500,000	-	-	-	-	500,000
Conveyance LID Projects Total			900,000	150,000	860,000	-	-	-	-	860,000

Fund 108 Sanitary Projects Total			900,000	150,000	860,000	-	-	-	-	860,000
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Fund 112										
Project Name	Project #	Fund	FY26 Adopted	FY26 Revised	FY27 Budget	FY28 Budget	FY29 Budget	FY30 Budget	FY31 Budget	FY 2027-31 Total
Conveyance City-Managed Projects										
SW 108th SANITARY SEWER UPSIZING (PH.1)	7174	112	100,000	450,000	2,175,000	1,125,000	-	-	-	3,300,000
MARTINAZZI SEWER TRUNK UPSIZING (PRIORITIES 3 & 4): SOUTH TRUNK - DAKOTA GREENWAY TO BLAKE ST & MAKAH CT TO CHELAN ST	7172	112	137,000	1,274,900	1,311,000	-	-	-	-	1,311,000
ROCK CREEK SANITARY TRUNKLINE UPGRADE - PHASE 2	7171	112	915,000	300,000	2,800,000	2,700,000	-	-	-	5,500,000
SW 131ST, BARLOW TO HANSON, SANITARY SEWER INFLOW AND INFILTRATION REDUCTION PROJECT, CIP 6105	7169	112	400,000	37,000	2,625,000	-	-	-	-	2,625,000
SANITARY SEWER I&I ABATEMENT FOR 1911/1936	7168	112	2,650,000	1,430,000	610,000	-	-	-	-	610,000
NE HAREWOOD STREET SANITARY SEWER REPLACEMENT	7372	112	-	200,000	150,000	2,150,000	-	-	-	2,300,000
HALL BLVD LATERAL (R-110)	6922	112	35,000	2,000	2,000	-	-	-	-	2,000
BONITA TRUNK		112	-	-	-	-	-	336,000	1,470,000	1,806,000
CIPOLE-BLUFF SEWER TRUNK UPSIZING		112	-	-	-	-	160,000	1,596,000	2,034,000	3,790,000
DALE AVE, 19TH TO BARLOW, SANITARY SEWER I&I REDUCTION PROJECT		112	-	-	-	-	-	63,200	1,575,000	1,638,200
DALE AVE, ALLEN TO 19TH, SANITARY SEWER I&I REDUCTION PROJECT		112	-	-	-	-	-	-	63,200	63,200
DU21C-34: CEDAR HILL INTERCEPTOR		112	-	-	-	-	-	1,085,200	805,200	1,890,400
FRANCIS PROPERTY SEWER IMPROVEMENT - EXPIRING EASEMENT 1/1/2030		112	-	-	-	1,708,900	1,267,900	-	-	2,976,800
HALL BLVD, ALLEN TO HART, SANITARY SEWER I&I REDUCTION PROJECT		112	-	-	-	-	63,200	1,575,000	-	1,638,200
HYLAND WAY, 22ND TO HART, SANITARY SEWER I&I REDUCTION PROJECT		112	-	-	-	63,200	1,575,000	-	-	1,638,200
JUNIPER TERRACE, 22ND TO DEER OAK, SANITARY SEWER I&I REDUCTION PROJECT		112	-	-	63,200	2,100,000	-	-	-	2,163,200
LOMBARD TO FRANKLIN TRUNK IMPROVEMENTS (MP 1)		112	-	-	-	-	61,400	46,000	-	107,400
MARTINAZZI SEWER TRUNK UPSIZING (PRIORITY 5) NORTH TRUNK - SAGERT TO WARM SPRINGS		112	-	386,100	491,400	-	-	-	-	491,400

Fund 112										
Project Name	Project #	Fund	FY26 Adopted	FY26 Revised	FY27 Budget	FY28 Budget	FY29 Budget	FY30 Budget	FY31 Budget	FY 2027-31 Total
NORTH TEKTRONIX PUMP STATION LATERAL - CIP 6136, MP 3, CWS EBMP DU21C-23)		112	-	35,000	320,700	238,000	-	-	-	558,700
Sanitary Sewer I&I Abatement Project No. 7 (HB25C-1)		112	-	-	25,000	625,000	1,765,000	1,765,000	-	4,180,000
SANITARY SEWER I&I ABATEMENT PROJECT No. 8 (RC25C-20)		112	-	-	-	-	-	25,000	625,000	650,000
SUNRISE SEWER UPSIZING (HB25C-2)		112	-	-	-	-	-	-	255,000	255,000
TETON SEWER TRUNK UPSIZING		112	-	-	29,200	290,100	369,400	-	-	688,700
TUALATIN RESERVOIR SEWER TRUNK UPSIZING		112	-	-	240,000	2,412,000	3,078,000	-	-	5,730,000
TUALATIN-SHERWOOD RD (TSR) SEWER TRUNK UPSIZING		112	-	-	-	78,000	775,400	987,500	-	1,840,900
Conveyance City-Managed Projects Total			4,237,000	4,115,000	10,842,500	13,490,200	9,115,300	7,478,900	6,827,400	47,754,300
Conveyance Regional Utility Services -Managed Projects										
WALKER ROAD PHASE 3 - 173RD AVE TO 185TH AVE	7394	112	-	10,000	400,000	-	-	-	-	400,000
SW 205TH AVENUE (W BASELINE TO NE QUATAMA ST)	7326	112	1,000,000	400,000	950,000	-	-	-	-	950,000
UTILITY RELOCATION	6283	112	-	100,000	300,000	300,000	300,000	300,000	300,000	1,500,000
Conveyance Regional Utility Services -Managed Projects Total			1,000,000	510,000	1,650,000	300,000	300,000	300,000	300,000	2,850,000
Conveyance Field Operations Projects										
FLOW MONITORING EQUIPMENT ADDITIONS	7397	112	50,000	50,000	50,000	50,000	50,000	50,000	50,000	250,000
RADIO COMMUNICATION UPGRADES AND MODERNIZATION UMBRELLA	7386	112	100,000	75,000	75,000	75,000	75,000	-	-	225,000
COOK PARK SIPHON EASEMENT ACQUISITION	112	70,000	70,000	60,000	-	-	-	-	-	60,000
MATERIAL HANDLING YARD FUEL TANK	112	-	-	-	100,000	-	-	-	-	100,000
Conveyance Field Operations Projects Total			220,000	195,000	285,000	125,000	125,000	50,000	50,000	635,000
Conveyance Pump Station Projects										
CHICKEN CREEK PUMP STATION PHASE 2	7398	112	-	294,000	400,000	700,000	600,000	-	-	1,700,000
BANKS PUMP STATION UPGRADE	7384	112	-	50,000	150,000	500,000	-	-	-	650,000
NORTH PLAINS PUMP STATION SWITCH GEAR UPGRADE	7344	112	160,000	100,000	950,000	-	-	-	-	950,000
CEDAR ST PUMP STATION IMPROVEMENTS	7341	112	500,000	290,000	250,000	-	-	-	-	250,000
BUTTERNUT CREEK PUMP STATION PHASE 2	7328	112	800,000	2,200,000	500,000	5,600,000	5,600,000	5,600,000	-	17,300,000
NORTH PLAINS PUMP STATION UPGRADE	7325	112	200,000	482,000	105,000	-	-	-	-	105,000
PUMP STATION COMBINATION AIR RELEASE VALVE UPGRADES - UMBRELLA	7312	112	100,000	-	116,000	-	-	-	-	116,000
SCHOLLS COUNTRY PS INFLUENT GRAVITY SEWER DIVERSION	7308	112	-	100,000	320,000	-	-	-	-	320,000
TONQUIN PUMP STATION AND FORCEMAIN	7292	112	500,000	350,000	1,650,000	3,300,000	-	-	-	4,950,000
DIRKSEN PUMP STATION AND FORCEMAIN	7278	112	250,000	175,000	700,000	400,000	500,000	15,100,000	20,100,000	36,800,000
ALOHA PUMP STATION UPGRADE AND I/I PROJECT	7255	112	250,000	100,000	100,000	4,800,000	4,300,000	-	-	9,200,000
KING CITY RECYCLED PUMP STATION	7204	112	-	-	-	-	175,000	1,000,000	1,900,000	3,075,000
COOPER MOUNTAIN/TILE FLAT PUMP STATION & FORCEMAIN	7201	112	1,500,000	350,000	300,000	4,350,000	1,050,000	-	-	5,700,000
QUAIL VALLEY PUMP STATION & FORCE MAIN	7133	112	2,100,000	4,240,000	2,050,000	-	-	-	-	2,050,000
ROSEDALE CONYENANCE SYSTEM PROJECT	7026	112	550,000	200,000	1,300,000	1,000,000	8,000,000	8,000,000	-	18,300,000
JACOBSON PUMP STATION & FORCEMAIN	6923	112	100,000	150,000	400,000	500,000	1,250,000	2,600,000	-	4,750,000
PUMP STATION MISCELLANEOUS UPGRADES - UMBRELLA	6380	112	-	-	50,000	-	-	-	-	50,000
BORLAND PUMP STATION SITE IMPROVEMENTS	112	-	-	-	-	100,000	550,000	-	-	650,000
BULL MOUNTAIN PUMP STATION INFLUENT GRAVITY SEWER DIVERSION	112	-	-	-	-	150,000	750,000	-	-	900,000
CORNELIUS PUMP STATION IMPROVEMENTS PHASE 2	112	-	-	-	-	100,000	500,000	-	-	600,000
COUNCIL (DAIRY) CREEK PUMP STATION & FORCEMAIN	112	100,000	-	-	500,000	800,000	-	1,050,000	7,100,000	9,450,000
DAWSON PUMP STATION UPGRADE	112	-	-	-	-	-	50,000	550,000	-	600,000
GASTON PUMP STATION UPGRADE AND FORCEMAIN REPLACEMENT	112	-	-	-	-	-	400,000	4,200,000	4,050,000	8,650,000
MOBILE ODOR CONTROL TRAILER	112	-	-	-	100,000	-	-	-	-	100,000
NORTH HILLSBORO PUMP STATION PHASE 2	112	-	-	-	-	-	-	-	100,000	100,000
RIVER RD PUMP STATION UPGRADE	112	-	-	-	-	200,000	500,000	-	-	700,000
RIVER TERRACE NORTH UPGRADES AND FORCEMAIN EXTENSION	112	-	-	-	-	-	100,000	300,000	5,020,000	5,420,000
RIVER TERRACE SOUTH DEVELOPER SITE IMPROVEMENTS	112	25,000	-	-	330,000	-	-	-	-	330,000
RIVER TERRACE WEST PUMP STATION AND FORCEMAIN	112	-	-	-	-	-	-	-	100,000	100,000
SW TUALATIN PUMP STATION & FORCEMAIN	112	-	-	-	-	100,000	100,000	200,000	600,000	1,000,000
Conveyance Pump Station Projects Total			7,135,000	9,081,000	10,271,000	22,600,000	24,425,000	38,600,000	38,970,000	134,866,000

Fund 112										
Project Name	Project #	Fund	FY26 Adopted	FY26 Revised	FY27 Budget	FY28 Budget	FY29 Budget	FY30 Budget	FY31 Budget	FY 2027-31 Total
Conveyance Rehabilitation Projects										
EAST BASIN I/I ABATEMENT-PLACEHOLDER	7178	112	500,000	200,000	-	-	3,000,000	3,000,000	3,000,000	9,000,000
FOREST GROVE I&I ABATEMENT PHASE 3 - PACIFIC AVENUE & E STREET	7153	112	1,550,000	1,050,000	1,020,000	-	-	-	-	1,020,000
MONTCLAIR AREA SEWER REPAIR	6981	112	230,000	100,000	250,000	500,000	1,300,000	-	-	2,050,000
CANYON CREEK SEWER IMPROVEMENTS	6977	112	300,000	300,000	400,000	850,000	820,000	300,000	-	2,370,000
ALOHA I/I-PLACEHOLDER	6918	112	-	1,000	-	-	-	1,700,000	1,700,000	3,400,000
BROADMOOR SANITARY SEWER REPLACEMENT	6767	112	1,680,000	340,000	1,450,000	-	-	-	-	1,450,000
ALOHA REHABILITATION - TWIN TRUNKS		112	-	-	200,000	1,800,000	-	-	-	2,000,000
BANKS I&I ABATEMENT PLACEHOLDER		112	-	-	350,000	-	-	-	-	350,000
CROSS CREEK TRUNK TRIBUTARY RD I/I REDUCTION		112	-	-	-	-	-	50,000	200,000	250,000
EAST BASIN I/I PHASE 1		112	-	-	450,000	3,100,000	-	-	-	3,550,000
FANNO CREEK INTERCEPTOR REHABILITATION		112	-	-	-	-	-	700,000	950,000	1,650,000
FOREST GROVE SYSTEM WIDE RDI/I REDUCTION - PLACEHOLDER		112	-	-	-	-	2,000,000	250,000	2,000,000	4,250,000
TURNER CREEK TRUNK TRIBUTARY RDI/I REDUCTION-PLACEHOLDER		112	-	-	-	-	-	1,000,000	1,000,000	2,000,000
Conveyance Rehabilitation Projects Total			4,260,000	1,991,000	4,120,000	6,250,000	7,120,000	7,000,000	8,850,000	33,340,000
Conveyance Sanitary Collections Projects										
SHERWOOD TRUNK IMP -CHICKEN CK-ROY ROGERS RD TO WASHINGTON ST	7393	112	333,000	200,000	100,000	500,000	200,000	1,550,000	4,050,000	6,400,000
TURNER CREEK TRUNK PHASE1 (LOWER SECTION)	7382	112	10,000	100,000	400,000	1,000,000	4,750,000	7,600,000	3,350,000	17,100,000
BEAVERTON TRUNK SANITARY UPGRADE (PH 1 - UPPER)	7367	112	500,000	200,000	500,000	1,500,000	3,750,000	7,600,000	7,600,000	20,950,000
FOOTHILL DR (COMMONWEALTH LAKE) SANITARY UPGRADE	7207	112	750,000	130,000	910,000	-	-	-	-	910,000
METZGER/FANNO INTERCEPTOR UNDER RRX (D-340)	7138	112	1,900,000	500,000	2,500,000	7,500,000	5,100,000	-	-	15,100,000
BROOKMAN TRUNK SEWER EXTENSION	6966	112	7,600,000	6,250,000	2,030,000	-	-	-	-	2,030,000
CEDAR MILL TRUNK RELOCATION AT MURRAY/WALKER	6826	112	290,000	40,000	930,000	30,000	-	-	-	960,000
ALOHA PUMP STATION UPSTREAM TRUNK AND TRIBUTARIES		112	-	-	500,000	1,300,000	1,700,000	3,750,000	7,500,000	14,750,000
CROSS CREEK PUMP STATION TRIBUTARY TRUNK		112	-	-	-	-	-	-	200,000	200,000
TURNER CREEK TRUNK PHASE 2 (MIDDLE SECTION)		112	-	-	-	-	-	20,000	600,000	620,000
Conveyance Sanitary Collections Projects Total			11,383,000	7,420,000	7,870,000	11,830,000	15,500,000	20,520,000	23,300,000	79,020,000
Building Facilities Projects										
CENTRAL FACILITY UPGRADES	7316	112	2,500,000	2,580,000	5,190,000	-	-	-	-	5,190,000
FOREST GROVE FACILITY UPGRADES - UMBRELLA	7185	112	25,000	-	75,000	-	-	-	-	75,000
ROCK CREEK FACILITY UPGRADES - UMBRELLA	7182	112	50,000	-	125,000	-	-	-	-	125,000
DURHAM FACILITY UPGRADES - UMBRELLA	7176	112	25,000	-	50,000	-	-	-	-	50,000
LANDSCAPE IMPROVEMENTS AND UPGRADES - UMBRELLA	7036	112	340,000	270,000	565,000	450,000	300,000	200,000	200,000	1,715,000
RESEARCH INNOVATION PARTNERS LABORATORIES (RIPL)	7018	112	31,000,000	31,000,000	13,000,000	-	-	-	-	13,000,000
SPRINGER STREET FACILITY IMPROVEMENTS	6965	112	900,000	760,000	1,100,000	12,000,000	7,700,000	-	-	20,800,000
FIELD OPERATIONS MERLO FACILITY UPGRADES - UMBRELLA	6931	112	70,000	-	80,000	-	-	-	-	80,000
DURHAM TREATMENT PLANT SERVICES SECURITY FENCING IMPROVEMENTS		112	-	-	200,000	-	-	-	-	200,000
VEGETATION MATERIAL HANDLING FACILITY IMPROVEMENTS	7284	112	480,000	100,000	100,000	600,000	1,500,000	2,000,000	1,300,000	5,500,000
FIELD OPERATIONS MERLO SEISMIC RESILIENCY IMPROVEMENTS		112	-	-	-	40,000	350,000	770,000	-	1,160,000
GREEN ENERGY TECHNOLOGY		112	-	-	500,000	450,000	-	-	-	950,000
Building Facilities Projects Total			35,390,000	34,710,000	20,985,000	13,540,000	9,850,000	2,970,000	1,500,000	48,845,000
Legal Projects										
SECURING & MAINTAINING WATER RIGHTS - UMBRELLA	7336	112	100,000	100,000	50,000	-	-	-	-	50,000
Legal Projects Total			100,000	100,000	50,000	-	-	-	-	50,000
Natural Systems Projects										
WILLIAMS CREEK- LOGGING CREEK TO RAILROAD TRESTLE	7378	112	-	110,000	49,500	-	-	-	-	49,500
VEGETATED CORRIDOR ADVANCE MITIGATION - UMBRELLA	7365	112	12,000	11,000	11,000	18,000	24,000	30,000	-	83,000
BUTTERNUT CREEK - ELEMENTARY SCHOOL BRIDGE TO 209TH	7362	112	-	454,600	148,500	536,800	535,200	86,900	33,000	1,340,400
BUTTERNUT CREEK - 209TH TO CENTURY	7354	112	78,000	500	-	71,500	71,500	149,600	121,000	413,600
HEDGES CREEK FLOODPLAIN @ TUALATIN SHERWOOD RD	7352	112	90,000	38,500	55,000	110,000	110,000	242,000	88,000	605,000
LOWER WATERSHED RESTORATION PARTNERSHIPS - UMBRELLA	7335	112	180,000	156,200	140,800	160,600	336,600	213,400	215,600	1,067,000
MIDDLE WATERSHED RESTORATION PARTNERSHIPS - UMBRELLA	7334	112	98,000	35,200	324,500	324,500	711,000	584,100	463,100	2,407,200
UPPER WATERSHED RESTORATION PARTNERSHIPS - UMBRELLA	7333	112	-	16,500	25,300	44,000	33,000	22,000	-	124,300

Fund 112

Project Name	Project #	Fund	FY26 Adopted	FY26 Revised	FY27 Budget	FY28 Budget	FY29 Budget	FY30 Budget	FY31 Budget	FY 2027-31 Total
TUALATIN SOIL AND WATER CONSERVATION DISTRICT URBAN HABITAT CONSERVATION AND STEWARDSHIP PROGRAM - UMBRELLA	7329	112	117,000	69,100	112,100	125,700	68,000	58,300	36,300	400,400
FANNO CREEK ENHANCEMENT AT ELDERBERRY RIDGE	7206	112	230,000	66,000	152,900	243,100	1,585,100	1,700	5,500	1,988,300
GALES CREEK - BALM GROVE RESTORATION	7122	112	46,000	121,000	44,000	24,200	24,200	27,500	27,500	147,400
TUALATIN SOIL AND WATER CONSERVATION PARTNERSHIP - UMBRELLA	7039	112	330,000	330,000	-	-	100,000	100,000	100,000	300,000
TUALATIN RIVER REFUGE RESTORATION - UMBRELLA	6856	112	982,000	827,300	821,200	763,400	447,200	447,200	276,700	2,755,700
LOCAL RESTORATION PARTNERSHIPS - UMBRELLA	6855	112	1,060,100	985,100	1,738,900	611,600	452,100	318,500	227,700	3,348,800
COLLABORATIVE REGIONAL RESTORATION - UMBRELLA	6530	112	680,200	547,500	823,400	794,800	1,104,400	723,800	473,000	3,919,400
WETLAND MITIGATION MONITORING (SANITARY) - UMBRELLA	4943	112	285,000	231,000	165,000	154,000	154,000	93,500	11,000	577,500
ASH CREEK - SW OAK TO HWY 217		112	-	-	275,000	275,000	-	-	-	550,000
NATURAL SYSTEM IMPROVEMENTS - SANI - PLACEHOLDER		112	-	-	-	-	330,000	330,000	330,000	990,000
HEALTHY STREAMS PLAN - SANI		112	-	-	82,500	82,500	-	-	-	165,000
YAMHILL SOIL AND WATER CONSERVATION DISTRICT PARTNERSHIP - UMBRELLA		112	-	-	66,000	-	-	-	-	66,000
Natural Sytems Projects Total			4,188,300	3,999,500	5,035,600	4,339,700	6,086,300	3,428,500	2,408,400	21,298,500
Reuse Projects										
DAIRY CREEK CONFLUENCE AND JACKSON BOTTOM IRRIGATION IMPROVEMENTS	7179	112	350,000	200,000	450,000	50,000	450,000	-	-	950,000
JACKSON BOTTOM SITE ENHANCEMENTS	7129	112	50,000	50,000	180,000	180,000	-	-	-	360,000
DAIRY CREEK CONFLUENCE SITE ENHANCEMENTS	7037	112	100,000	100,000	180,000	180,000	-	-	-	360,000
FOREST GROVEWEST AG LANDS DEVELOPMENT		112	100,000	-	100,000	900,000	800,000	-	-	1,800,000
HILLSBORO HIGH SCHOOL REUSE PIPE EXTENSION		112	-	-	-	400,000	3,300,000	2,100,000	-	5,800,000
FOREST GROVE REUSE SITE ENHANCEMENTS - UMBRELLA	7375	112	-	75,000	120,000	120,000	120,000	120,000	-	480,000
RECYCLED WATER MISCELLANEOUS UPGRADES	7279	112	50,000	50,000	200,000	100,000	100,000	-	-	400,000
Reuse Projects Total			650,000	475,000	1,230,000	1,930,000	4,770,000	2,220,000	-	10,150,000
Water Resource Recovery Facility Durham Projects										
ELECTRICAL MASTER PLAN	7342	112	200,000	350,000	400,000	400,000	-	-	-	800,000
DURHAM DISINFECTION REDUNDANCY PROJECT	7331	112	-	24,500	155,000	-	-	-	-	155,000
DURHAM PHASE 5C TERTIARY CLARIFIER IMPROVEMENTS	7313	112	1,500,000	790,000	750,000	1,200,000	2,375,000	2,375,000	1,300,000	8,000,000
DURHAM FIBER OPTICS NETWORK UPGRADE	7233	112	220,000	150,000	150,000	-	-	-	-	150,000
DURHAM PHASE 6B - New Digester	7203	112	4,300,000	4,950,000	11,000,000	3,350,000	-	-	-	14,350,000
DURHAM ODOR CONTROL PHASE 3	7202	112	1,500,000	142,000	3,700,000	1,250,000	-	-	-	4,950,000
DURHAM MISCELLANEOUS UPGRADES - UMBRELLA	6368	112	150,000	90,000	185,000	250,000	250,000	-	-	685,000
DURHAM BULK HYPO TANK REPLACEMENT		112	-	-	175,000	1,560,000	1,040,000	-	-	2,775,000
DURHAM FILTERS 1-4 WASTE VALVE AND ACCESS PLATFORM IMPROVEMENTS		112	-	-	150,000	-	-	-	-	150,000
DURHAM GAS TREATMENT STORAGE		112	-	-	75,000	250,000	-	-	-	325,000
DURHAM IPS PUMP AND FORCMAIN ISOLATION GATE REPLACEMENT		112	-	-	250,000	795,000	1,232,000	300,000	-	2,577,000
DURHAM PRIMARY BIOFILTER IMPROVEMENTS		112	-	-	340,000	1,200,000	-	-	-	1,540,000
DURHAM ROOF SAFETY IMPROVEMENTS		112	160,000	108,000	10,000	-	-	-	-	10,000
DURHAM SLUDGE LOADING BAY IMPROVEMENTS		112	220,000	150,000	265,000	-	-	-	-	265,000
DURHAM THICKENING CENTRIFUGE REPLACEMENT		112	-	-	300,000	650,000	2,250,000	2,250,000	-	5,450,000
DURHAM THICKENING POLYMER MODIFICATIONS		112	40,000	-	200,000	350,000	-	-	-	550,000
DURHAM UNISON BACK-UP CHILLER		112	-	-	375,000	-	-	-	-	375,000
DURHAM WAREHOUSING BUILDING		112	-	-	150,000	300,000	275,000	-	-	725,000
EAST BASIN FACILITY PLAN		112	-	-	-	-	650,000	750,000	100,000	1,500,000
Water Resource Recovery Facility Durham Projects Total			8,290,000	6,754,500	18,630,000	11,555,000	8,072,000	5,675,000	1,400,000	45,332,000
Water Resource Recovery Facility Forest Grove Projects										
FOREST GROVE PLC UPGRADE TO ALLEN-BRADLEY - UMBRELLA	7391	112	250,000	250,000	250,000	250,000	-	-	-	500,000
FOREST GROVE AERATION MODIFICATIONS	7381	112	75,000	75,000	325,000	2,540,000	7,500,000	-	-	10,365,000
FOREST GROVE RECYCLED WATER FACILITY	7275	112	-	-	50,000	300,000	500,000	-	-	850,000
FOREST GROVE PRIMARY TREATMENT	7190	112	29,600,000	29,500,000	250,000	-	-	-	-	250,000
FERNHILL MISCELLANEOUS IMPROVEMENTS - UMBRELLA	6849	112	300,000	300,000	300,000	-	-	-	-	300,000
FOREST GROVE MISCELLANEOUS UPGRADES - UMBRELLA	6374	112	95,000	95,000	55,000	100,000	100,000	100,000	-	355,000
FOREST GROVE 3RD AERATION BASIN		112	-	-	-	-	-	150,000	400,000	550,000
FOREST GROVE GRIT STRUCTURE REHAB		112	-	-	100,000	-	-	-	-	100,000

Fund 112										
Project Name	Project #	Fund	FY26 Adopted	FY26 Revised	FY27 Budget	FY28 Budget	FY29 Budget	FY30 Budget	FY31 Budget	FY 2027-31 Total
FOREST GROVE HHPS ODOR CONTROL		112	185,000	-	185,000	200,000	-	-	-	385,000
FOREST GROVE INFLUENT SCREENINGS IMPROVEMENT		112	-	-	150,000	1,150,000	1,000,000	-	-	2,300,000
Water Resource Recovery Facility Forest Grove Projects Total			30,505,000	30,220,000	1,665,000	4,540,000	9,100,000	250,000	400,000	15,955,000
Water Resource Recovery Facility Hillsboro Projects										
HILLSBORO PLC UPGRADE TO ALLEN-BRADLEY - UMBRELLA	7392	112	230,000	180,000	200,000	200,000	-	-	-	400,000
HILLSBORO MISCELLANEOUS UPGRADES - UMBRELLA	6373	112	100,000	100,000	215,000	100,000	100,000	100,000	-	515,000
HILLSBORO FIBER OPTICS NETWORK UPGRADE		112	-	-	80,000	-	-	-	-	80,000
HILLSBORO HEADWORKS REPLACEMENT		112	-	-	-	-	-	1,400,000	3,100,000	4,500,000
HILLSBORO MCC2 REPLACEMENT		112	-	-	30,000	85,000	-	-	-	115,000
HILLSBORO OUTFALL MAINTENANCE		112	-	-	-	30,000	60,000	-	-	90,000
Water Resource Recovery Facility Hillsboro Projects Total			330,000	280,000	525,000	415,000	160,000	1,500,000	3,100,000	5,700,000
Water Resource Recovery Facility Rock Creek Projects										
ROCK CREEK BIOGAS UTILIZATION	7307	112	6,000,000	1,200,000	8,000,000	10,300,000	-	-	-	18,300,000
ROCK CREEK RECYCLED WATER IMPROVEMENTS	7112	112	150,000	250,000	450,000	-	-	-	500,000	950,000
ROCK CREEK WASTE ACTIVATED SLUDGE (WAS) PUMPING SYSTEM IMPROVEMENTS	7108	112	-	10,000	150,000	-	-	-	-	150,000
ROCK CREEK & WEST BASIN MASTER PLAN	7054	112	200,000	1,190,000	500,000	-	-	-	-	500,000
ROCK CREEK PRIMARY CLARIFIER #4	7012	112	400,000	973,200	1,300,000	-	-	-	-	1,300,000
ROCK CREEK MISCELLANEOUS UPGRADES - UMBRELLA	6372	112	275,000	485,000	830,000	450,000	325,000	-	-	1,605,000
ROCK CREEK AERATION BASIN #8		112	-	-	-	-	-	-	3,000,000	3,000,000
ROCK CREEK DEWATERING BUILDING ELEVATOR MODERNIZATION		112	-	-	-	-	600,000	-	-	600,000
ROCK CREEK EAST RAS CAPACITY IMPROVEMENTS		112	-	50,000	300,000	350,000	-	-	-	650,000
ROCK CREEK GRIT IMPROVEMENTS		112	-	-	300,000	800,000	2,900,000	-	-	4,000,000
ROCK CREEK HEAT RECOVERY HEAT PUMP		112	-	-	-	50,000	1,500,000	-	-	1,550,000
ROCK CREEK INFLUENT PUMP STATION FLOW TRANSFER UPGRADE		112	-	-	-	-	100,000	750,000	-	850,000
ROCK CREEK INFLUENT PUMP STATION PUMP CONE VALVE REPLACEMENT		112	-	-	-	100,000	950,000	-	-	1,050,000
ROCK CREEK IPS ODOR CONTROL IMPROVEMENTS		112	-	-	-	-	50,000	-	-	50,000
ROCK CREEK LIME SYSTEM IMPROVEMENTS		112	1,000,000	-	75,000	925,000	-	-	-	1,000,000
ROCK CREEK PRIMARY POWER SUPPLY 2 UPGRADE		112	-	-	250,000	2,050,000	1,000,000	-	-	3,300,000
ROCK CREEK SWITCHBOARD 9 REPLACEMENT		112	-	-	-	85,000	1,010,000	705,000	-	1,800,000
ROCK CREEK TERTIARY BUILDING ELEVATOR MODERNIZATION		112	-	30,000	570,000	-	-	-	-	570,000
ROCK CREEK TERTIARY EXPANSION		112	-	-	500,000	1,300,000	4,900,000	13,600,000	28,100,000	48,400,000
Water Resource Recovery Facility Rock Creek Projects Total			8,025,000	4,188,200	13,225,000	16,410,000	13,335,000	15,055,000	31,600,000	89,625,000
Fund 112 Total		112	115,713,300	104,039,200	96,384,100	107,324,900	107,958,600	105,047,400	118,705,800	535,420,800

CLOSED Sanitary Projects			8,401,600	13,258,700	-	-	-	-	-	-
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TOTAL Sanitary Projects 144,592,400 130,962,800 120,840,400 126,291,500 117,378,700 112,464,000 124,676,800 601,651,400

Building Facilities	21,660,000	13,812,000	10,140,000	3,260,000	1,790,000	50,662,000
Conveyance	39,480,800	56,951,300	57,867,400	75,886,700	79,682,400	309,868,600
Fleet/Vehicle	830,000	1,265,000	1,325,500	1,308,800	1,035,000	5,764,300
Support	453,000	120,000	120,000	120,000	120,000	933,000
Natural Systems	5,145,600	4,483,200	6,168,800	3,511,000	2,474,400	21,783,000
Reuse	1,230,000	1,930,000	4,770,000	2,220,000	-	10,150,000
Technology	1,171,000	490,000	490,000	490,000	840,000	3,481,000
WRRF	50,870,000	47,240,000	36,497,000	25,667,500	38,735,000	199,009,500
Totals	\$ 120,840,400	\$ 126,291,500	\$ 117,378,700	\$ 112,464,000	\$ 124,676,800	\$ 601,651,400

Sanitary CIP Project List

Project Detail

Project Name: SANITARY LIGHT & MEDIUM DUTY VEHICLE ADDITIONS

Project Number: 6221

Project Subtype: Fleet

Fund: 101 - General Fund

Project Manager: Steve McNeill

Project Status: Open

Department/Program: UOPS - Field Ops

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$109,375	\$105,219	\$75,000	\$64,200	\$40,000	\$0	\$0	\$0	\$0	\$40,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$109,375	\$105,219	\$75,000	\$64,200	\$40,000	\$0	\$0	\$0	\$0	\$40,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project is an umbrella for the purchase of new light and medium duty vehicles for the sanitary program.

Vehicles are identified for the upcoming fiscal year:

Facilities Maintenance, (Program 8513), MY26 Light duty AWD pickup with bed canopy, \$40,000.00

Project Detail

Project Name: CONFERENCE ROOM AV EQUIPMENT

Project Number: 7121

Project Subtype: Infrastructure - Replacement

Fund: 101 - General Fund

Project Manager: Dan Hyatt

Project Status: Open

Department/Program: Digital Solutions

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$4,048	\$23,128	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$476	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$4,524	\$23,128	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Lifecycle replacement of conference room cameras, monitors and control systems. Establish a centralized budget for:

1. Replace cameras & monitors/TVs that have reached the end of their useful life.
2. Ensure conference rooms are keeping up with technology changes and are able to enhance in-person & hybrid workforce collaboration.

FY26/27 - Upgrades for conference room hardware. Generally, \$6k per room (\$2500 for Monitor/TV and \$3500 for Logitech conferencing system). Prices may vary depending additional hardware need (i.e. extra monitor, mobile cart for TV, etc.). Plan for 5 conference room upgrades throughout the district each year as hardware ages out.

Project Detail

Project Name: CAPITAL OUTLAY FY 2026-27

Project Number:

Project Subtype: Finance

Fund: 101 - General Fund

Project Manager: Kathleen Leader

Project Status: Candidate

Department/Program: Business Svcs - Finance

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$153,000	\$60,000	\$60,000	\$60,000	\$60,000	\$393,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$153,000	\$60,000	\$60,000	\$60,000	\$60,000	\$393,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The new Capital Outlay equipment requests for fiscal year 2027 are:

8232 Laboratory Services - Large Capacity Freezer \$20K

8407 Reuse - Tilt trailer for Fernhill landscape, water rights program and recycled water program \$50K

8236 Landscape Strategies - Astro Flux 01 LiDAR Sensor \$33k

8401 Research & Innovation - 2 Microplate spectrophotometers \$30K

8315 Forest Grove - Lathe for Forest Grove \$20K

Project Detail

Project Name: CAPITAL PLANNING SOFTWARE

Project Number:

Project Subtype: Finance

Fund: 101 - General Fund

Project Manager: Kathleen Leader

Project Status: Candidate

Department/Program: Business Svcs - Finance

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$30,000	\$0	\$0	\$0	\$0	\$30,000
Totals	\$0	\$0	\$0	\$0	\$30,000	\$0	\$0	\$0	\$0	\$30,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project will migrate the District's Capital Budget system from ProSight/Primavera to Questica (EUNA), which is already in use for Operating Budget planning. Implementing Questica for both capital and operating budgets will consolidate budgeting activities into a single, integrated platform. This integration will improve consistency between capital and operating financial plans, streamline budget planning for District staff and enhance reporting, transparency, and long-term financial planning.

Project Detail

Project Name: NEW LAB ANALYTICAL EQUIPMENT

Project Number: 7107

Project Subtype: Regulatory Affairs

Fund: 101 - General Fund

Project Manager: Karen Chichetu

Project Status: Open

Department/Program: Regulatory Affairs

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$137,000	\$90,000	\$0	\$0	\$0	\$0	\$90,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$616,532	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$616,532	\$0	\$0	\$137,000	\$90,000	\$0	\$0	\$0	\$0	\$90,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project is to purchase various laboratory equipment.

Equipment purchases planned for upcoming fiscal year include (\$90k total):

- 6 High Performance Laboratory Fridges (23 cu ft)
- Replacement of 1 for Chemical Oxygen Demand equipment, 1 for CN, 1 for Volatile Organic Compound equipment, 1 for Microbiology equipment, 2 for automated chemistry lab equipment - New Forest Grove Lab Facility

Project Detail

Project Name: FLOW MONITORING EQUIPMENT RENEWAL - UMBRELLA

Project Number: 7402

Project Subtype: Field Operations

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Doug Schuh

Project Status: Open

Department/Program: UOPS - Field Ops

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$142,000	\$142,000	\$150,000	\$157,500	\$165,000	\$173,300	\$182,000	\$827,800
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$142,000	\$142,000	\$150,000	\$157,500	\$165,000	\$173,300	\$182,000	\$827,800
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Funds are programmed for new equipment as well as upgrades/replacements of existing flow monitoring equipment. As part of a reoccurring flow monitoring equipment renewal program, equipment purchased in FY27 and future years will replace older equipment with less capable sensors and sensors at the end of their useful life. This project funds Field Operations and Engineering's flow monitoring needs, including sanitary master plan model calibration, individual City and District conveyance project designs including capacity and infiltration and inflow (I&I) abatement projects), and wet weather system response monitoring.

Project Detail

Project Name: SANITARY SEWER MANHOLE REHABILITATION - UMBRELLA

Project Number: 7385

Project Subtype: Field Operations

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Gabe Sohler

Project Status: Open

Department/Program: UOPS - Field Ops

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Contract rehabilitation work on high priority sanitary maintenance holes. The goal is to use contracted services to perform exterior curtain grouting on existing high priority sewer maintenance holes. And also install epoxy coating to the interior.

Project Detail

Project Name: SANITARY SEWER R&R - UMBRELLA

Project Number: 7370

Project Subtype: Field Operations

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Gabe Sohler

Project Status: Open

Department/Program: UOPS - Field Ops

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$200,000	\$400,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$200,000	\$400,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The tasks in this project include the replacement/renewal of existing sanitary sewer conveyance system assets. Projects proposed for FY27 include:

1. 82nd and Taylors Ferry sanitary rehab. \$125,000
2. 87th and Golf Creek sanitary sewer repair. \$40,000
3. Fanno Creek greenway sanitary sewer repair. \$35,000

Project Detail

Project Name: FIELD OPERATIONS EQUIPMENT REPLACEMENTS

Project Number: 7113

Project Subtype: Field Operations

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Doug Schuh

Project Status: Open

Department/Program: UOPS - Field Ops

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$71,917	\$119,268	\$110,000	\$110,000	\$85,000	\$90,000	\$95,000	\$100,000	\$105,000	\$475,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$71,917	\$119,268	\$110,000	\$110,000	\$85,000	\$90,000	\$95,000	\$100,000	\$105,000	\$475,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Program 8375 - TV/Flow Monitoring: TV inspection camera and transporter replacement for on going TV equipment modernization program. \$85,000

Project Detail

Project Name: EXPOSED SANI SEWER MULTI-SITE REPAIRS - CEDAR MILL CREEK AND GOLF CREEK

Project Number: 7355

Project Subtype: Rehabilitation

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Matthew Brennan

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000	\$1,000,000	\$5,000	\$1,305,000
Design and Engineering	\$0	\$0	\$20,000	\$20,000	\$100,000	\$165,000	\$60,000	\$20,000	\$0	\$345,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$10,000	\$20,000	\$20,000	\$10,000	\$60,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$20,000	\$80,000	\$0	\$0	\$100,000
Other	\$0	\$0	\$12,000	\$12,000	\$12,600	\$20,600	\$47,100	\$104,000	\$1,500	\$185,800
Plans and Studies	\$0	\$0	\$0	\$0	\$20,000	\$0	\$0	\$0	\$0	\$20,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$32,000	\$32,000	\$132,600	\$215,600	\$507,100	\$1,144,000	\$16,500	\$2,015,800
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Repair and protection of high-priority exposed sanitary sewer lines. Will include:

Stabilization and enhancement of a tributary to Cedar Mill Creek at an exposed maintenance hole (MH) 14457 and replacement/realignment of 375 linear feet (LF) of 8"

Stabilization and enhancement of a tributary to Golf Creek in the immediate vicinity of exposed infrastructure (MH 2633, Mains 63350, and laterals 1279809 & 1308153)

and rehabilitation of 380 LF of 8" line and 5 2 MHs

Stabilization and enhancement of a tributary to Johnson Creek in the vicinity of exposed and at-risk infrastructure (MH 15589, MH 15590, Main 46040, and Lateral 1275260)

and infiltration and inflow (I&I) abatement

Project Detail

Project Name: HALL CREEK SW GRACE LANE TO CANYON DRIVE EXPOSED SANI
SEWER STABILIZATION

Project Number: 7351

Project Subtype: Rehabilitation

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Matthew Brennan

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$20,000	\$0	\$0	\$0	\$0	\$20,000
Design and Engineering	\$0	\$0	\$100,000	\$100,000	\$90,000	\$0	\$0	\$0	\$0	\$90,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Other	\$0	\$0	\$40,000	\$40,000	\$21,000	\$0	\$0	\$0	\$0	\$21,000
Plans and Studies	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$140,000	\$140,000	\$231,000	\$0	\$0	\$0	\$0	\$231,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project will stabilize Hall Creek at the site of exposed sanitary infrastructure (Mains 38393,38350, laterals 1237757, 1237759, 1237758), upsize 284 linear feet (LF) of 6" line to 8", rehabilitate or replace maintenance holes (MH) and laterals.

Project Detail

Project Name: BOHMANN AT 87TH SANITARY SEWER REMEDIATION

Project Number: 7305

Project Subtype: Rehabilitation

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Kyle Kirwan

Project Status: Open

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$2,000,000	\$0	\$500,000	\$1,500,000	\$0	\$0	\$0	\$2,000,000
Design and Engineering	\$0	\$142,247	\$0	\$25,000	\$20,000	\$10,000	\$0	\$0	\$0	\$30,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$4,587	\$31,685	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$15,000	\$0	\$0	\$0	\$0	\$15,000
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$4,587	\$173,932	\$2,000,000	\$25,000	\$535,000	\$1,510,000	\$0	\$0	\$0	\$2,045,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Exposed mainlines located between maintenance holes (MHs) 4567-4568 and 4575-4576. Investigation determined these two crossings can be eliminated by rerouting flows in other directions. This project includes the replacement of approximately 3,000 linear feet (LF) of pipe to reroute the flows. The project will also target infiltration and inflow (I/I) and all associated maintenance holes and service laterals connected to the replaced mainlines will be rehabilitated. Once replaced, the four maintenance holes and the exposed mainlines crossing the creek will be removed.

Project Detail

Project Name: BECKER DRIVE REHABILITATION

Project Number: 7304

Project Subtype: Rehabilitation

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Kyle Kirwan

Project Status: Open

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$1,500,000	\$0	\$0	\$0	\$0	\$1,500,000
Design and Engineering	\$0	\$0	\$20,000	\$100,000	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$539	\$64,608	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$539	\$64,608	\$20,000	\$100,000	\$1,550,000	\$0	\$0	\$0	\$0	\$1,550,000
Other Funding	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project has been identified by field operations as high maintenance area and it involves the replacement of 2,000 Linear Feet (LF) of existing 6- and 8-inch asbestos cement (AC) pipe, the associated service line connections, and maintenance holes (MH) from MH 4572 upstream to approximately MH 4389. This project has been chosen as a pilot study for a new technology of AC pipe rehabilitation called Close Tolerance Pipe Slurrification (CTPS).

Project Detail

Project Name: EXPOSED MAINS & LATERALS PROGRAM- PLACEHOLDER

Project Number:

Project Subtype: Rehabilitation

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Matthew Brennan

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$600,000	\$600,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000	\$50,000	\$250,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000	\$10,500	\$65,000	\$85,500
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000	\$0	\$5,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$110,000	\$115,500	\$715,000	\$940,500
Other Funding	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This program is set up to address exposed sanitary sewer mains and laterals throughout the District boundary. Sewer pipes located in and adjacent to creek channels have become exposed due to bank erosion and channel incision. The goal is to replace or renew at least two per year. In order to avoid future recurring erosion and pipe failure, the adjoining stream channel may also be restored and stabilized as part of a project. Projects starting in year 1 or 2 will have a standard project number.

Project Detail

Project Name: TRIBUTARY TO SYLVAN CREEK EXPOSED SANI SEWER STABILIZATION Project Number:

Project Subtype: Rehabilitation

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Matthew Brennan

Project Status: Candidate

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$25,000	\$30,000	\$50,000	\$50,000	\$15,000	\$170,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$2,500	\$3,000	\$5,000	\$5,000	\$1,500	\$17,000
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$27,500	\$33,000	\$55,000	\$55,000	\$16,500	\$187,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Protect/repair high priority exposed sanitary line, including stabilization and enhancement of adjacent stream channel.

Project Detail

Project Name: SPRINGVILLE CREEK TRIB @ 6029 NW ALFALFA DR EXPOSED SEWER STABILIZATION

Project Number: 7288

Project Subtype: Rehabilitation

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Matthew Brennan

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$338,000	\$3,000	\$436,000	\$0	\$0	\$0	\$0	\$436,000
Design and Engineering	\$0	\$0	\$0	\$36,500	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$9,000	\$10,000	\$5,000	\$35,000	\$0	\$0	\$0	\$0	\$35,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$13,015	\$106,209	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$250	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$51,000	\$76,250	\$47,100	\$0	\$0	\$0	\$0	\$47,100
Plans and Studies	\$0	\$0	\$0	\$600	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$13,015	\$115,209	\$399,000	\$121,600	\$518,100	\$0	\$0	\$0	\$0	\$518,100
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Relocation/protection of an exposed 8-inch PVC sanitary sewer and maintenance hole (MH) (Main #32994, MH #24539) that is perched above Springville Creek at Meadowland Terrace. This location was assessed and deemed a high priority for protection.

Project Detail

Project Name: 8215 SW FAIRWAY DRIVE EXPOSED SEWER REMEDIATION

Project Number: 7287

Project Subtype: Rehabilitation

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Matthew Brennan

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$1,571	\$2,173	\$94,000	\$33,000	\$1,000	\$0	\$0	\$0	\$0	\$1,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$615	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$15,828	\$15,536	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$96	\$276	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$150	\$0	\$9,000	\$70,000	\$100	\$0	\$0	\$0	\$0	\$100
Plans and Studies	\$4,110	\$0	\$0	\$0	\$2,000	\$0	\$0	\$0	\$0	\$2,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$21,755	\$18,600	\$103,000	\$103,000	\$3,100	\$0	\$0	\$0	\$0	\$3,100
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project impacts an exposed sewer main (Pipe 39072) crosses a unnamed tributary behind 8215 SW Fairway Drive. This location was assessed and deemed a high priority for protection. Repair/protection will be designed and constructed in-house.

Project Detail

Project Name: CENTRAL FACILITY R&R

Project Number: 7303

Project Subtype: Facilities Management Projects

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Marc Franck

Project Status: Open

Department/Program: Business Svcs - Facilities

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$13,302	\$27,798	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$102,246	\$14,870	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$32,704	\$31,190	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$131,571	\$21,055	\$200,000	\$220,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$279,823	\$94,913	\$200,000	\$220,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This umbrella project covers miscellaneous facility renewal and replacement projects at the Central facility.

Misc contingency. \$50,000

Project Detail

Project Name: FIELD OPERATIONS MERLO FACILITY R&R

Project Number: 7214

Project Subtype: Facilities Management Projects

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Marc Franck

Project Status: Open

Department/Program: Business Svcs - Facilities

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$35,103	\$20,391	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$4,793	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$11,128	\$11,831	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$485	\$150,741	\$50,000	\$30,100	\$125,000	\$50,000	\$50,000	\$50,000	\$50,000	\$325,000
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$46,716	\$187,756	\$50,000	\$30,100	\$125,000	\$50,000	\$50,000	\$50,000	\$50,000	\$325,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This umbrella project covers miscellaneous facility renewal and replacement projects at the Merlo facility.

Planned projects include:

Crack seal, seal coat & re-stripe parking lot. \$50,000

Restore employee parking lot impervious surface \$75,000

Project Detail

Project Name: RIPL FACILITY R&R

Project Number: 7213

Project Subtype: Facilities Management Projects

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Marc Franck

Project Status: Open

Department/Program: Business Svcs - Facilities

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$10,000	\$2,000	\$20,000	\$20,000	\$20,000	\$72,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$10,000	\$2,000	\$20,000	\$20,000	\$20,000	\$72,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This umbrella project covers miscellaneous facility renewal and replacement projects at RIPL.

Project Detail

Project Name: TRF FACILITY R&R

Project Number: 7210

Project Subtype: Facilities Management Projects

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Marc Franck

Project Status: Open

Department/Program: Business Svcs - Facilities

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$116	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$25,000	\$0	\$75,000	\$20,000	\$20,000	\$20,000	\$20,000	\$155,000
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$16,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$16,716	\$0	\$25,000	\$0	\$75,000	\$20,000	\$20,000	\$20,000	\$20,000	\$155,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This umbrella project covers miscellaneous facility renewal and replacement projects at the Tualatin River Farm property.

FY27;

Replace the water heater & interior plumbing of the Madsen residence. Current plumbing is galvanized. It's beyond its useful life & original to the home. \$25,000

Reroof Madsen residence. Facilities Services will manage this project. \$50,000

Project Detail

Project Name: PUMP STATION FACILITY RENEWAL AND REPLACEMENT

Project Number: 7165

Project Subtype: Facilities Management Projects

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Marc Franck

Project Status: Open

Department/Program: Business Svcs - Facilities

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$30,000	\$0	\$30,000	\$20,000	\$20,000	\$20,000	\$20,000	\$110,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$30,000	\$0	\$30,000	\$20,000	\$20,000	\$20,000	\$20,000	\$110,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This umbrella project covers miscellaneous facility renewal and replacement projects at Pump Station facilities.

Below projects are planned for upcoming fiscal year:

Sherwood Pump Station exterior repairs & painting. \$30,000

Project Detail

Project Name: FOREST GROVE FACILITY RENWAL AND REPLACEMENT

Project Number: 7164

Project Subtype: Facilities Management Projects

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Marc Franck

Project Status: Open

Department/Program: Business Svcs - Facilities

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$14,639	\$13,445	\$0	\$0	\$40,000	\$20,000	\$20,000	\$20,000	\$20,000	\$120,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$391	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$1,154	\$4,136	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$30,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$15,793	\$17,972	\$30,000	\$0	\$40,000	\$20,000	\$20,000	\$20,000	\$20,000	\$120,000
Other Funding	\$75,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This umbrella project covers miscellaneous facility renewal and replacement projects at the Forest Grove facility.

FY27: Repaint maintenance shop exterior \$40,000

Project Detail

Project Name: HILLSBORO FACILITY RENEWAL AND REPLACEMENT

Project Number: 7163

Project Subtype: Facilities Management Projects

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Marc Franck

Project Status: Open

Department/Program: Business Svcs - Facilities

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$25,000	\$0	\$125,000	\$25,000	\$25,000	\$25,000	\$25,000	\$225,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$1,984	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$11,715	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$13,699	\$25,000	\$0	\$125,000	\$25,000	\$25,000	\$25,000	\$25,000	\$225,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This umbrella project covers miscellaneous facility renewal and replacement projects at the Hillsboro facility.

Planned projects for upcoming fiscal year: Security & fire alarm system replacement. \$125,000

Project Detail

Project Name: DURHAM FACILITY RENEWAL & REPLACEMENT

Project Number: 7162

Project Subtype: Facilities Management Projects

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Marc Franck

Project Status: Open

Department/Program: Business Svcs - Facilities

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$7,232	\$85,484	\$140,000	\$283,000	\$220,000	\$60,000	\$60,000	\$60,000	\$60,000	\$460,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$35,537	\$1,625	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$13,152	\$9,696	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$11,732	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$55,921	\$108,537	\$140,000	\$283,000	\$220,000	\$60,000	\$60,000	\$60,000	\$60,000	\$460,000
Other Funding	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This umbrella project covers miscellaneous facility renewal and replacement projects at the Durham facility

Planned projects include:

Replace Solid east roll up door. \$50,000

Influent Pump Station building roof recoat. Facilities Services will manage this project. \$100,000

Project Detail

Project Name: ROCK CREEK FACILITY RENEWAL AND REPLACEMENT

Project Number: 7161

Project Subtype: Facilities Management Projects

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Marc Franck

Project Status: Open

Department/Program: Business Svcs - Facilities

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$14,943	\$9,663	\$25,000	\$30,500	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$100,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$2,377	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$3,466	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$14,943	\$15,506	\$25,000	\$30,500	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$100,000
Other Funding	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This umbrella project covers miscellaneous facility renewal and replacement projects at the Rock Creek Facility.

Project Detail

Project Name: CAPITAL OUTLAY FY 2026-27 REPLACEMENTS

Project Number:

Project Subtype: Finance

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Kathleen Leader

Project Status: Candidate

Department/Program: Business Svcs - Finance

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$130,000	\$60,000	\$60,000	\$60,000	\$60,000	\$370,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$130,000	\$60,000	\$60,000	\$60,000	\$60,000	\$370,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Capital Outlay replacement requests for fiscal year 2027 are:

8232 Laboratory Services - Mercury Analyzer \$40K

8232 Laboratory Services - Laboratory freezers \$30K

8232 Laboratory Services - Tall laboratory glassware washer \$35K

8311 Durham Operations - 4 seat cart \$25K

Project Detail

Project Name: SANITARY HEAVY DUTY VEHICLE REPLACEMENT

Project Number: 6841

Project Subtype: Replacement and Renewal (Fleet)

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Steve McNeill

Project Status: Open

Department/Program: UOPS - Field Ops

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$939,382	\$850,036	\$1,860,000	\$1,290,400	\$625,000	\$600,000	\$780,000	\$700,000	\$665,000	\$3,370,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$939,382	\$850,036	\$1,860,000	\$1,290,400	\$625,000	\$600,000	\$780,000	\$700,000	\$665,000	\$3,370,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project is an umbrella for the purchase of replacement heavy duty vehicles for the sanitary program.

Vehicles are identified for the upcoming fiscal year:

Vehicle #550 Vactor Combination Sewer Cleaner (Vactor Body only) UOPS System Maintenance (Program 8373) Sourcewell Contract \$625,000.00. FY26 project carryover due to available build slot for Vactor body.

Project Detail

Project Name: SANITARY LIGHT & MEDIUM DUTY VEHICLE REPLACEMENT

Project Number: 6840

Project Subtype: Replacement and Renewal (Fleet)

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Steve McNeill

Project Status: Open

Department/Program: UOPS - Field Ops

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$356,245	\$456,040	\$357,000	\$291,000	\$165,000	\$665,000	\$545,500	\$608,800	\$370,000	\$2,354,300
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$356,245	\$456,040	\$357,000	\$291,000	\$165,000	\$665,000	\$545,500	\$608,800	\$370,000	\$2,354,300
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project is an umbrella for the purchase of replacement light and medium duty vehicles for the sanitary program.

Vehicles are identified for the upcoming fiscal year:

Vehicle 113, Water Resource Recovery Ops & Services, Pump Stations Program 8343 Replacement cost \$90,000.00

Vehicle 403, UOPS, System Maintenance Program 8373. Replacement cost \$75,000.00. DEQ mitigation award grant 25% reimbursement by 10/15/2026.

Project Detail

Project Name: CLIMATE RESILIENT RIPARIAN RENEWAL - UMBRELLA

Project Number: 7339

Project Subtype: NSES Enhancement

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Jill Erickson

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$130,263	\$232,000	\$202,000	\$72,500	\$75,000	\$70,000	\$70,000	\$60,000	\$347,500
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$35,345	\$99,000	\$99,000	\$22,500	\$10,000	\$5,000	\$5,000	\$0	\$42,500
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$7,036	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$250	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$85,062	\$30,000	\$30,100	\$15,000	\$8,500	\$7,500	\$7,500	\$6,000	\$44,500
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$257,956	\$361,000	\$331,100	\$110,000	\$93,500	\$82,500	\$82,500	\$66,000	\$434,500
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The umbrella project contains renewal of natural system enhancements in support of the temperature management plan. These projects are identified when CWS natural system assets require significant action to replace functions lost through dynamic changes due to climate change and other disturbances that cause damage to CWS' natural system assets. For FY 27, there is one project including portions of Beaverton Creek (\$110,000).

Project Detail

Project Name: EMERALD ASH BORER BEETLE REMEDIATION PROJECT

Project Number: 7306

Project Subtype: NSES Enhancement

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Jill Erickson

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$50,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$50,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The umbrella project contains renewal of natural system enhancements. These projects are identified when CWS natural system assets require significant action to replace functions lost through dynamic changes due to emerald ash borer. Child projects will be added as specific locations are identified.

Project Detail

Project Name: IT STORAGE ASSET LIFE CYCLE COSTS

Project Number: 7030

Project Subtype: Infrastructure - Replacement

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Dan Hyatt

Project Status: Open

Department/Program: Digital Solutions

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$229,964	\$230,357	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$500,000	\$1,100,000
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$2,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$6,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$232,464	\$236,357	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$500,000	\$1,100,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This is the centralized budget that funds the District's ongoing lifecycle replacement and expansion of data storage systems assets such as:

1. Digital storage systems located in the primary and backup data centers
2. Digital storage for business continuity/disaster recovery
3. Routine data growth for virtual servers, databases, file storage, LiDAR, field operations videos, drone videos, GIS, all CWS applications, virtual desktop infrastructure and more

FY26/27 - With the expansion of DEV & TEST environments, additional storage @ RC will be required. Another storage shelf (\$75k) and additional drives for existing storage shelves that are not full (\$75k). This will give us enough capacity to run all (expanded) non-prod systems.

Project Detail

Project Name: IT SERVER ASSET LIFE CYCLE COSTS

Project Number: 7029

Project Subtype: Infrastructure - Replacement

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Dan Hyatt

Project Status: Open

Department/Program: Digital Solutions

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$301,841	\$232,880	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$210,000	\$210,000	\$240,000	\$80,000	\$80,000	\$80,000	\$80,000	\$560,000
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$15,513	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$139,167	\$28,011	\$120,000	\$120,000	\$180,000	\$60,000	\$60,000	\$60,000	\$60,000	\$420,000
Totals	\$456,521	\$260,891	\$330,000	\$330,000	\$420,000	\$140,000	\$140,000	\$140,000	\$140,000	\$980,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This is the centralized budget that funds the District's ongoing lifecycle replacement and expansion of information technology application server assets such as:

1. Replace aging server hardware, located at District sites, for both corporate and SCADA environments
2. Business continuity/ disaster recovery server platforms
3. Application production and test server platforms
4. Provide agnostic application access for telecommuting and from any device

FY26/27 - Number cruncher server cluster expansion at HQ data center (\$35k per server including licensing x2. \$70k). Citrix server cluster expansion at HQ data center (\$35k per server including licensing x2. \$70k). 8 additional nodes to create full DEV & TEST clusters to support full applications buildout - 4 existing nodes would need 2 more, and a new, full 6-node cluster @ RC (\$35k per server including licensing x8. \$280,000k)

Project Detail

Project Name: IT END USER DEVICE ASSET LIFE CYCLE

Project Number: 7028

Project Subtype: Infrastructure - Replacement

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Dan Hyatt

Project Status: Open

Department/Program: Digital Solutions

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$59,273	\$72,629	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$170,000	\$170,000	\$130,000	\$60,000	\$60,000	\$60,000	\$60,000	\$370,000
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$942	\$5,299	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$60,215	\$77,928	\$170,000	\$170,000	\$130,000	\$60,000	\$60,000	\$60,000	\$60,000	\$370,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This is the centralized budget that funds the District's ongoing lifecycle replacement and expansion of end user assets used by work groups such as:

1. Flat panel displays for offices and cubicles, as well as other small form factor display needs throughout the District
2. Printers, multi function devices (MFDs), scanners & plotters

FY26/27 - Many of our MFDs are far beyond their replacement schedule and are currently problematic for our employees. Planning to replace numerous devices (\$10k each) at ABC (which will be moved to Central - \$30k), RC (\$10k), DM (\$30k), FG (\$10k), and FO (\$10k). Additional desktop devices (all under \$700 each) are also planned to be purchased at various locations per replacement cycle (\$10k). This plan also included annual monitor replacements (\$30k) for all locations.

Project Detail

Project Name: IT COMMUNICATIONS ASSET LIFE-CYCLE COSTS

Project Number: 7027

Project Subtype: Infrastructure - Replacement

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Dan Hyatt

Project Status: Open

Department/Program: Digital Solutions

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$344,325	\$336,017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$490,000	\$490,000	\$311,000	\$60,000	\$60,000	\$60,000	\$60,000	\$551,000
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$77,670	\$47,501	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$500,000	\$500,000	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Totals	\$421,995	\$383,518	\$990,000	\$990,000	\$361,000	\$60,000	\$60,000	\$60,000	\$60,000	\$601,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This is the centralized budget that funds the District's ongoing lifecycle replacement & expansion of information technology communication assets such as:

- 1) Expansion of wired & wireless data networks. Routers, switches, wireless access points
- 2) Replacement of network & telecom hardware that reaches end of useful life
- 3) Expansion of Internet of Things (IoT) and Guest networks at each CWS site

FY26/27 - annual hardware replacement for network equipment (\$311k total), consisting of Aruba 9114 Hybrid gateway (\$55k each x2. \$110,000), EX4000-12MP switches (\$2k each x 32. \$64k), EX4400-24X & EX4400-48P (\$19k each x 3. \$57k), UPSes of various size (\$4k each x 20. \$80k). Adding \$50k for additional licensing for Juniper Mist 5-yr term purchase.

Project Detail

Project Name: CYBERSECURITY UPGRADES - HARDWARE & SOFTWARE

Project Number: 7188

Project Subtype: Infrastructure - Replacement

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Dan Hyatt

Project Status: Open

Department/Program: Digital Solutions

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$124,008	\$15,035	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$150,000	\$150,000	\$30,000	\$50,000	\$50,000	\$50,000	\$50,000	\$230,000
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$26,105	\$36,860	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$16,900	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$25,179	\$150,000	\$75,000	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Totals	\$167,013	\$77,074	\$300,000	\$225,000	\$80,000	\$50,000	\$50,000	\$50,000	\$50,000	\$280,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Cybersecurity needs continue to grow over time and this project is planned to increase our overall security posture, both virtually and physically. Additional cybersecurity measures and tools need to be implemented in order to fight the constant cyber threat of being a critical utility and part of the local government. Implementing new firewalls, and replacing aging network security systems, is essential to keep up with both internal and external cyber threats. Additional separation of our networks (e.g. SCADA, IoT, Guest) is critical to remove threats that could potentially affect our ability to conduct the core business essentials of CWS if a cyber attack is successful. Both hardware and software are included in this annual project.

FY26/27 - Continuing to build out SCADA network separation + firewalls (\$3k each x10. \$30,000). Cybersecurity software (\$50k).

Project Detail

Project Name: DURHAM PRIMARY CLARIFIERS 1-4 REPAIR

Project Number: 7399

Project Subtype: Durham

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Jana Otero

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$300,000	\$800,000	\$500,000	\$0	\$0	\$1,600,000
Design and Engineering	\$0	\$0	\$150,000	\$100,000	\$225,000	\$125,000	\$50,000	\$0	\$0	\$400,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$150,000	\$100,000	\$525,000	\$925,000	\$550,000	\$0	\$0	\$2,000,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Durham facility operates four primary clarifiers to remove settleable and floating solids. The primary clarifiers are concrete circular tanks with a steel mechanical rake arm and skimmer to collect and remove the solids. This project will recondition or replace corroded sections of the steel components as well as rehabilitate deteriorating or failed areas of concrete surfaces in all four clarifiers.

Project Detail

Project Name: DURHAM PRIMARY SLUDGE PS REHAB

Project Number: 7167

Project Subtype: Durham

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Jana Otero

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$5,794	\$1,500,000	\$1,000,000	\$2,300,000	\$500,000	\$0	\$0	\$0	\$2,800,000
Design and Engineering	\$307,554	\$312,356	\$100,000	\$150,000	\$110,000	\$75,000	\$0	\$0	\$0	\$185,000
Equipment and Materials	\$0	\$0	\$0	\$140,000	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$80,100	\$65,760	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$387,654	\$383,910	\$1,600,000	\$1,290,000	\$2,410,000	\$575,000	\$0	\$0	\$0	\$2,985,000
Other Funding	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project will rehabilitate the Primary Sludge Pump Station at the Durham facility including the replacement of aging and oversized pumps, adding VFD's for operational flexibility, addressing corrosion and access issues in the facility, improving safety by aligning the pumps with the existing monorail, automating scum withdrawal, and implementing a hot water flushing system for the primary scum pumping system to address operational challenges. Main electrical power to this pump station will be re-fed from the Train 5 electrical-house switchgear. Project will also include the addition of a third sludge pump for Primary Clarifiers 1 and 2 to provide the same level of redundancy at both pump stations.

Project Detail

Project Name: DURHAM REPLACEMENT & RENEWAL M/E/I/O

Project Number: 7144

Project Subtype: Durham

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Tonya Zinzer

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$41,606	\$287,992	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$2,295	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$265,517	\$523,422	\$395,000	\$600,000	\$415,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,015,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$129,092	\$58,818	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$5,566	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$444,076	\$870,232	\$395,000	\$600,000	\$415,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,015,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This "Umbrella" project is to fund multiple, miscellaneous replacement and renewal projects within the electrical, mechanical, instrumentation and controls infrastructure. A detailed list of proposed projects for FY27 is listed below with estimated budgetary costs.

- Phosphorus Analyzer Replacement - \$60k
- Degritting Pump 5 Replacement - \$40k
- Degritting Pump 6 Replacement - \$40k
- Headworks Chain Replacement (1 unit) - \$20k
- Train 1&2 Basin Drain Pipe Replacement - \$30k
- Primary Effluent Split Box Influent Mixer Replacement - \$50k
- Solids Building Odor Control Repair - \$100k
- Reuse Channel Overflow Repair - \$25k
- Influent Pump Station Actuator Replacement - \$50k

Project Detail

Project Name: DURHAM BOILERS 1&2 UPGRADE

Project Number: 7346

Project Subtype: Durham

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Mike Idehara

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Design and Engineering	\$0	\$10,395	\$0	\$70,000	\$30,000	\$0	\$0	\$0	\$0	\$30,000
Equipment and Materials	\$0	\$0	\$121,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$2,671	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$13,066	\$121,000	\$70,000	\$230,000	\$0	\$0	\$0	\$0	\$230,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project is to replace the self actuated three way valves at the Durham facility Digester Complex 2 boilers 1 & 2 that control the flow of water from the secondary hot water loop to the primary boiler hot water loop. These valves were installed in 2002 and have stopped working. This causes the boilers to cycle excessively and prematurely turn the boiler off even though the secondary loop is still below setpoint. This also reduces the effective capacity of the boiler. New electrically actuated three way valves will be installed to allow the boiler to reach full capacity and increase their effective capacity.

Project Detail

Project Name: DURHAM PLANT ROAD REPAIR & REPLACEMENT

Project Number: 7293

Project Subtype: Durham

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Jana Otero

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$200,000	\$200,000	\$1,200,000	\$0	\$0	\$0	\$0	\$1,200,000
Design and Engineering	\$64,909	\$37,000	\$40,000	\$50,000	\$35,000	\$0	\$0	\$0	\$0	\$35,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$7,068	\$8,696	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$71,977	\$45,696	\$240,000	\$250,000	\$1,235,000	\$0	\$0	\$0	\$0	\$1,235,000
Other Funding	\$350,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Plant-wide paving to maintain the integrity of the plant roadways at the Durham facility will include repair or replacement of the the plant road from the main entrance down to the Operation & Maintenance building parking lot and the plant road behind the filters up to the west side of Surge Basin 1. Modifications of select drainage structures is expected to alleviate localized pooling.

Project Detail

Project Name: DURHAM REPLACE BACK-UP AIR COMPRESSOR

Project Number: 7281

Project Subtype: Durham

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Mike Idehara

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$150,000	\$50,000	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Design and Engineering	\$4,414	\$29,956	\$0	\$50,000	\$30,000	\$0	\$0	\$0	\$0	\$30,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$750	\$1,661	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$5,164	\$31,617	\$150,000	\$100,000	\$230,000	\$0	\$0	\$0	\$0	\$230,000
Other Funding	\$110,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The compressed air system is critical to the operation of the Durham facility. There are two air compressors arranged in a duty-standby configuration. The standby air compressor is over 20 years old and obsolete. Additionally, there is a single air dryer which if it fails the compressed air system would be out of service. This project will replace the existing air compressors with new and add a second air dryer for redundancy.

Project Detail

Project Name: DURHAM PLC UPGRADE TO ALLEN-BRADLEY

Project Number: 7218

Project Subtype: Durham

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Kurt Reichert

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$150,000	\$200,000	\$150,000	\$150,000	\$150,000	\$150,000	\$0	\$600,000
Design and Engineering	\$0	\$0	\$100,000	\$50,000	\$100,000	\$100,000	\$100,000	\$100,000	\$0	\$400,000
Equipment and Materials	\$0	\$180,827	\$150,000	\$50,000	\$150,000	\$150,000	\$150,000	\$150,000	\$0	\$600,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$24,988	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$205,815	\$400,000	\$300,000	\$400,000	\$400,000	\$400,000	\$400,000	\$0	\$1,600,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Programmable logic controllers (PLC) are used throughout the Durham facility to automate and monitor the treatment process. Multiple programmable logic controllers (PLC) in the Durham facility are aged Texas Instruments (TI)/Siemens PLC components that are more than 25 years old. This project will replace the TI/Siemens PLC components due to age and outdated software and improve reliability, security, and programming efficiency. The existing TI/Siemens PLCs are being replaced with Allen Bradley PLC components. PLC 1 (TI/Siemens) is migrating over to PLC 2 (Allen Bradley). Also, Headworks PLC 3 is migrating over to PLC 15.

-PLC 1: Filters - \$200,000

-PLC 3: Headworks - \$200,000

Project Detail

Project Name: DURHAM CHEMICAL BUILDING ELEVATOR MODERNIZATION

Project Number:

Project Subtype: Durham

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Mike Idehara

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$400,000	\$0	\$0	\$0	\$400,000
Design and Engineering	\$0	\$0	\$0	\$0	\$20,000	\$40,000	\$0	\$0	\$0	\$60,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$20,000	\$440,000	\$0	\$0	\$0	\$460,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project is to modernize the Chemical Building elevator at the Durham facility installed in 1991. The elevator has a 8,000 lb weight capacity and is often to transport materials, equipment, and carts the second floor of the chemical building as well as to the below grade tunnel system. Modernization improvements will include elevator and door controls upgrade, new car gates, landing doors, and other improvements to increase reliability.

Project Detail

Project Name: DURHAM CHEMICAL BUILDING UPPER ROOF REPLACEMENT

Project Number:

Project Subtype: Durham

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Mike Idehara

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$250,000	\$100,000	\$0	\$0	\$0	\$350,000
Design and Engineering	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$350,000	\$100,000	\$0	\$0	\$0	\$450,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The upper level roof over the Lime Silos of the Durham Facility Chemical Building leaks and has numerous patches to the original roof installed in 1991. The upper roof has a large number of encumbrances such as cell antennas. This project will replace the existing roof membrane with new.

Project Detail

Project Name: DURHAM DIGESTER COMPLEX 1 ROOF REPLACEMENT

Project Number:

Project Subtype: Durham

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Mike Idehara

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$200,000	\$0	\$0	\$0	\$200,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$100,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$300,000	\$0	\$0	\$0	\$300,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The roof of Digester Complex 1 located at the Durham Facility leaks and has numerous patches to the original roof installed in 1991. This project will replace the existing roof membrane with new.

Project Detail

Project Name: DURHAM DRY AND WET WEATHER OUTFALL REPAIR

Project Number:

Project Subtype: Durham

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Jana Otero

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$190,000	\$0	\$0	\$0	\$190,000
Design and Engineering	\$0	\$0	\$0	\$0	\$75,000	\$0	\$0	\$0	\$0	\$75,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$75,000	\$190,000	\$0	\$0	\$0	\$265,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The dry and wet weather outfalls are critical to the function of the Durham facility. These outfalls need to be maintained to ensure plant effluent is reliably discharged to the Tualatin river. An outfall inspection was completed December 15, 2024 and noted deposition at Durham Outfall D001 and a small section of pipe bedding had been scoured at Outfall D003. This project will restore these areas.

Project Detail

Project Name: DURHAM HEADWORKS BUILDING UPPER ROOF REPLACEMENT

Project Number:

Project Subtype: Durham

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Mike Idehara

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$350,000	\$0	\$0	\$0	\$0	\$350,000
Design and Engineering	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$30,000	\$0	\$0	\$0	\$0	\$30,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$480,000	\$0	\$0	\$0	\$0	\$480,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The roof of the Headworks building located at the Durham Facility leaks and has numerous patches to the original roof installed in 1989. This project will replace the existing roof membrane with a new roof.

Project Detail

Project Name: DURHAM IPS HVAC REPAIRS

Project Number:

Project Subtype: Durham

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Mike Idehara

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$100,000	\$200,000	\$0	\$0	\$0	\$300,000
Design and Engineering	\$0	\$0	\$0	\$0	\$75,000	\$0	\$0	\$0	\$0	\$75,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$175,000	\$200,000	\$0	\$0	\$0	\$375,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project is to repair the exhaust ductwork above the control room that has failed and causes air balance and pressure problems in the influent pump station (IPS), repair and replace the exhaust fan for the variable frequency drives (VFDs), and add automatic control to the heating water pumps to turn them on when needed and off when not needed thereby saving energy.

Project Detail

Project Name: DURHAM PRIMARY EFFLUENT PUMP STATION ROOF REPLACEMENT Project Number:

Project Subtype: Durham

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Mike Idehara

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$75,000	\$0	\$0	\$75,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$50,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$125,000	\$0	\$0	\$125,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The roof of the Primary Effluent Pump Station located at the Durham Facility leaks and has numerous patches to the original roof installed in 2002. This project will replace the existing roof membrane with new.

Project Detail

Project Name: DURHAM SOLIDS BUILDING DRAIN REHAB AND REPLACEMENT

Project Number:

Project Subtype: Durham

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Jana Otero

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000	\$0	\$0	\$200,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$100,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$200,000	\$100,000	\$0	\$0	\$300,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Solids Building drain system at the Durham facility was constructed with the original plant in 1975 and is nearing end of useful life. This building has several critical systems for solids processing and a working drain system is a necessity. The project will evaluate alternatives and implement rehabilitation methods or replacement to extend the service life of the building drain system.

Project Detail

Project Name: DURHAM SOLIDS LOADOUT ROOF REPLACEMENT

Project Number:

Project Subtype: Durham

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Mike Idehara

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$50,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$30,000	\$0	\$0	\$0	\$30,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$80,000	\$0	\$0	\$0	\$80,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The roof located over the solids loadout bay of the Solids Building at the Durham Facility leaks and has numerous patches. This project will replace the existing roof membrane with new.

Project Detail

Project Name: DURHAM TERTIARY FILTER REHABILITATION

Project Number:

Project Subtype: Durham

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Jana Otero

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$250,000	\$0	\$750,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$200,000	\$200,000	\$50,000	\$0	\$450,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$200,000	\$700,000	\$300,000	\$0	\$1,200,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Tertiary Filters 5-13 at the Durham facility are over 30 years old and require rehabilitation to improve performance and reliability of the filters. This project will evaluate alternatives, construct improvements, and develop a long-term filter rehabilitation plan that will address the filter underdrain system, filter media, and surface wash system to ensure that the filter system is reliable.

Project Detail

Project Name: DURHAM VOLATILE FATTY ACID WETWELL REHABILITATION

Project Number:

Project Subtype: Durham

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Mike Idehara

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$175,000	\$0	\$0	\$0	\$175,000
Design and Engineering	\$0	\$0	\$0	\$0	\$75,000	\$0	\$0	\$0	\$0	\$75,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$75,000	\$175,000	\$0	\$0	\$0	\$250,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project will repair the concrete surfaces of the volatile fatty acid (VFA) wet well at the Durham Facility. The VFA wet well was constructed in 2000 and is used to collect VFA rich liquid from the Unified Fermentation and Thickening process which is then pumped to the Aeration Basins to support the Biological Phosphorus Removal process or returned back to the gravity thickeners. The concrete of the VFA wet well is degrading, exhibiting exposed aggregate and cracking, and scaling. The project will restore the durability and preserve the structural integrity of the concrete by applying a repair mortar and corrosion resistant coating.

Project Detail

Project Name: FOREST GROVE REPLACEMENT & RENEWAL M/E/I/O - UMBRELLA

Project Number: 7145

Project Subtype: Forest Grove

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Tonya Zinzer

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$597	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$190,344	\$222,642	\$270,000	\$240,000	\$225,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,025,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$4,907	\$6,592	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$1,265	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$195,848	\$230,499	\$270,000	\$240,000	\$225,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,025,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This "umbrella" project is a fund for multiple, miscellaneous replacement and renewal projects different electrical, mechanical, instrumentation, controls infrastructure. This includes, but is not limited to: mechanical, electrical, instrumentation, and controls hardware equipment. A detailed list of proposed projects is below:

- Aeration Blower Soft Start Replacement - \$50k
- RAS Pump VFD Replacement - \$15k
- Headworks Barscreen Gate and Actuator Replacement - \$175k

Project Detail

Project Name: FOREST GROVE ADMIN HVAC REPLACEMENT

Project Number:

Project Subtype: Forest Grove

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Joshua Johnson

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$175,000	\$0	\$0	\$0	\$175,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$35,000	\$0	\$0	\$0	\$35,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$210,000	\$0	\$0	\$0	\$210,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The existing Forest Grove Water Resource Recovery Facility Administration Building HVAC system is problematic - it has experienced refrigerant leaks and compressor failures, and accruing repair costs. It is not considered reliable. This project would replace the existing HVAC system with a mix of ducted and ductless split systems for 4-6 zones in the building.

Project Detail

Project Name: FOREST GROVE FIBER OPTICS NETWORK UPGRADE

Project Number:

Project Subtype: Forest Grove

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Kurt Reichert

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$80,000	\$0	\$0	\$0	\$0	\$80,000
Design and Engineering	\$0	\$0	\$0	\$10,000	\$20,000	\$0	\$0	\$0	\$0	\$20,000
Equipment and Materials	\$0	\$0	\$0	\$20,000	\$40,000	\$0	\$0	\$0	\$0	\$40,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$30,000	\$140,000	\$0	\$0	\$0	\$0	\$140,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This work is needed to improve reliability, security and eliminate aged multimode cable. The project will add the new Primary Clarifier network and existing High Head Pump Station multimode fiber optics into the 24 single mode Fiber Optics ring. Also, the work will eliminate a multiple splice junctions that are located in a flooded vault to improve reliability.

Project Detail

Project Name: FOREST GROVE NORTH ATS SWITCH REPLACEMENT

Project Number:

Project Subtype: Forest Grove

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Leigh Kojiro

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$50,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$125,000	\$0	\$0	\$0	\$125,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$175,000	\$0	\$0	\$0	\$175,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Forest Grove Water Resource Recovery Facility North medium voltage Automatic Transfer Switch (ATS) 1 was installed in 1996 and is in need of replacement. This equipment is a key component in the electrical system providing power to the Facility and is therefore a vital element for maintaining operations. The schedule for replacement of this gear will be reviewed as part of the pending Forest Grove site electrical master plan.

Project Detail

Project Name: HILLSBORO REPLACEMENT & RENEWAL M/E/I/O

Project Number: 7146

Project Subtype: Hillsboro

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Tonya Zinzer

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$61,487	\$37,722	\$165,000	\$175,000	\$25,000	\$150,000	\$150,000	\$150,000	\$150,000	\$625,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$7,151	\$7,078	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$68,638	\$44,800	\$165,000	\$175,000	\$25,000	\$150,000	\$150,000	\$150,000	\$150,000	\$625,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This "umbrella" project is a fund for multiple, miscellaneous replacement and renewal projects different electrical, mechanical, instrumentation, controls infrastructure. This includes, but is not limited to: mechanical, electrical, instrumentation, and controls hardware equipment. A detailed list of proposed projects is below:

- Effluent Pump Soft Start Replacement: \$25k

Project Detail

Project Name: HILLSBORO HEADWORKS SYSTEM REHAB

Project Number:

Project Subtype: Hillsboro

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Joshua Johnson

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$1,625,000	\$1,625,000	\$0	\$0	\$3,250,000
Design and Engineering	\$0	\$0	\$0	\$50,000	\$300,000	\$50,000	\$0	\$0	\$0	\$350,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$50,000	\$50,000	\$300,000	\$1,675,000	\$1,625,000	\$0	\$0	\$3,600,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Numerous components of the Hillsboro WRRF headworks are aging and require replacement, including components of the grit handling system. The screenings washer-compactors have experienced premature wear as a result of grease buildup and grit. Influent flow metering is not considered reliable at high flows. Channels are prone to grease/garbage buildup and experience ragging issues. There are also corrosion issues throughout the headworks resulting from an underperforming odor control system, including corrosion of electrical panels.

Preliminary planning for this project was completed in the 2025 West Basin Master Plan and includes an outline of project components: replacement of grit equipment and piping, addition of remotely operated gate actuators, new influent flow metering, measures to address or more easily capture and remove fats, oils and grease (FOG) buildup, and ventilation improvements.

Project Detail

Project Name: HILLSBORO MCC1 REPLACEMENT

Project Number:

Project Subtype: Hillsboro

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Leigh Kojiro

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$100,000
Design and Engineering	\$0	\$0	\$0	\$0	\$50,000	\$10,000	\$0	\$0	\$0	\$60,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$150,000	\$0	\$0	\$0	\$150,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$50,000	\$260,000	\$0	\$0	\$0	\$310,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Hillsboro Water Resource Recovery Facility has aging electrical equipment that was installed as part of the original construction. MCC-1, located in the Solids Building, was installed in 1969 and replacement parts are discontinued. Given the age and condition of the equipment, maintenance on the gear has been deferred to avoid risks. MCC-1 requires replacement to improve system reliable and improve working conditions.

Project Detail

Project Name: PS ONAN GENERATOR REPLACEMENTS

Project Number: 7319

Project Subtype: Pump Stations (Treatment)

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Leigh Kojiro

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$75,000	\$105,000	\$100,000	\$75,000	\$0	\$0	\$0	\$175,000
Design and Engineering	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Equipment and Materials	\$0	\$0	\$200,000	\$161,000	\$180,000	\$200,000	\$0	\$0	\$0	\$380,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$6,888	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$6,888	\$275,000	\$266,000	\$330,000	\$275,000	\$0	\$0	\$0	\$605,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project is to replace Onan Generators being used at various pump stations due to equipment age and potential for parts becoming obsolete. The associated automatic transfer switch (ATS) will also be replaced for each new generator.

The generators that will be replaced in FY27 are 7319.003: Saum Creek (\$110,000); 7319.004: Cipole (\$110,000); Beaverton (\$110,000)

Project Detail

Project Name: PS CONTROL PANEL REPLACEMENTS

Project Number: 7318

Project Subtype: Pump Stations (Treatment)

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Leigh Kojiro

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$50,000	\$50,000	\$180,000	\$100,000	\$0	\$0	\$0	\$280,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$200,000	\$130,000	\$345,000	\$280,000	\$0	\$0	\$0	\$625,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$7,706	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$7,706	\$250,000	\$180,000	\$525,000	\$380,000	\$0	\$0	\$0	\$905,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This umbrella project is a fund for multiple pump station control panel replacement and renewal projects. A list of proposed projects is below:

- Borland Pump Station: \$175,00
- Orchard Hills Pump Station: \$175,000
- Cipole Pump Station: \$175,000.

Project Detail

Project Name: PUMP STATIONS REPLACEMENT & RENEWAL M/E/I/O

Project Number: 7147

Project Subtype: Pump Stations (Treatment)

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Tonya Zinzer

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$252,793	\$249,145	\$350,000	\$355,000	\$305,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,505,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$2,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$19,438	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$252,793	\$271,183	\$350,000	\$355,000	\$305,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,505,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This "umbrella" project is a fund for multiple, miscellaneous replacement and renewal projects different electrical, mechanical, instrumentation, controls infrastructure. This includes, but is not limited to: mechanical, electrical, instrumentation, and controls hardware equipment. A detailed list of proposed projects is below:

- Dawson Creek - Replace Pump - \$185k
- Cornelius PS Replace Pump 3 - \$64k
- Borland Pump 1 Rebuild/replace - \$31k
- Pleasant View Pump 2 - \$25k

Project Detail

Project Name: ROCK CREEK BOILERS 4 & 5 BURNER REPLACEMENTS

Project Number: 7374

Project Subtype: Rock Creek

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: David Hammond

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$400,000	\$400,000	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Design and Engineering	\$0	\$0	\$0	\$20,000	\$5,000	\$0	\$0	\$0	\$0	\$5,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$400,000	\$420,000	\$55,000	\$0	\$0	\$0	\$0	\$55,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project is to replace the existing dual fuel burners on Digester Complex boilers 4 and 5. These burners currently use biogas as the default fuel to heat the Digesters and the Digester Complex workspace. These burners are expected to be the primary source of heat for the next 3 years, minimum, until the new biogas utilization facility is constructed. The current boiler burners are a single actuator linkage style that are problematic when controlling the fuel/air mixture and require frequent repairs and adjustments. The valves associated with the gas train fail regularly and require outside vendors to complete the work. The new burners would have a greater turndown ratio (a ratio of it's maximum capacity compared to it's minimum capacity) and improve the reliability of each boiler.

Project Detail

Project Name: ROCK CREEK IPS VFD REPLACE

Project Number: 7330

Project Subtype: Rock Creek

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Leigh Kojiro

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$200,000	\$0	\$350,000	\$0	\$0	\$0	\$0	\$350,000
Design and Engineering	\$0	\$0	\$200,000	\$100,000	\$75,000	\$0	\$0	\$0	\$0	\$75,000
Equipment and Materials	\$0	\$0	\$800,000	\$600,000	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$1,200,000	\$700,000	\$925,000	\$0	\$0	\$0	\$0	\$925,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Rock Creek Influent Pump Station variable frequency drives are obsolete and are in need of replacement. This project will complete installation of the remaining three large VFD units (1, 6 and 7).

Project Detail

Project Name: ROCK CREEK PRIMARY CLARIFIERS DRIVE IMPROVEMENTS

Project Number: 7297

Project Subtype: Rock Creek

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: David Hammond

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$88,828	\$150,000	\$50,000	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Design and Engineering	\$25,059	\$5,235	\$20,000	\$45,000	\$15,000	\$0	\$0	\$0	\$0	\$15,000
Equipment and Materials	\$149,540	\$129,156	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$6,677	\$48,515	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$181,276	\$271,734	\$170,000	\$95,000	\$115,000	\$0	\$0	\$0	\$0	\$115,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Rock Creek WRRF Primary Clarifiers No. 1, 2 and 3 are all in need of improvement of the mechanism drives, steel cage members, cover attachment hardware and concrete repairs. The Primary Clarifier No. 3 main drive failed in October 2023 and the other two clarifier drives have indication of low remaining life based on condition and age as well. The existing drives are of an older technology and will be replaced with drives similar to Primary Clarifier No. 4 that was recently constructed. Drive replacement and steel cage improvements were completed in FY25. The design of the cover attachment and concrete repairs is occurring in FY26 with construction implementation of the rehabilitation in FY27.

Project Detail

Project Name: ROCK CREEK REPLACE BACK-UP AIR COMPRESSOR

Project Number: 7282

Project Subtype: Rock Creek

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Karen Bill

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$200,000	\$0	\$600,000	\$0	\$0	\$0	\$0	\$600,000
Design and Engineering	\$15,475	\$19,331	\$0	\$40,000	\$20,000	\$0	\$0	\$0	\$0	\$20,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$1,176	\$2,250	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$3,000	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$16,651	\$21,581	\$200,000	\$43,000	\$620,000	\$0	\$0	\$0	\$0	\$620,000
Other Funding	\$110,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project will make improvement to the existing air compressors and dryers for the Rock Creek WWRF utility air system. The existing system does not have redundant capacity and SCADA monitoring limitations. The project will also include the replacement of the Lower Tertiary HVAC unit, which is no longer in service due to age and condition, to improve the building conditions that store the air compressor system and critical electrical gear. The design will be completed in FY26 and construction in FY27.

Project Detail

Project Name: ROCK CREEK FILTERS 5-10 VALVE & ACTUATOR REPLACEMENT

Project Number: 7226

Project Subtype: Rock Creek

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Kurt Reichert

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$150,000	\$170,000	\$110,000	\$0	\$0	\$0	\$0	\$110,000
Design and Engineering	\$0	\$0	\$100,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$61,946	\$59,974	\$260,000	\$80,000	\$25,000	\$0	\$0	\$0	\$0	\$25,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$230	\$9,033	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$62,176	\$69,007	\$510,000	\$260,000	\$135,000	\$0	\$0	\$0	\$0	\$135,000
Other Funding	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Butterfly valves, actuators, and gearboxes are original 1990, leak and are at end of life. Actuator parts are available aftermarket only, difficult to procure and very costly. This project to replaces some actuators and valves on tertiary filters: Influent 36", drain 12", backwash return 36" valves, expansion joint 36", actuator/gearbox, and connecting shafts.

FY 27 scope: In-house installation of (9) actuators. These include: Influent Valve Actuators (Filters 7, 8, 9, 10), Backwash Recycle Valve Actuator (Filter 8), and Backwash Drain Valve Actuators (Filters 7, 8, 9, 10). Purchase and contracted installation of (2) 36" butterfly valves (Filter 5 Influent Valve, Filter 13 Backwash Recycle Valve).

Project Detail

Project Name: ROCK CREEK PLC UPGRADE TO ALLEN-BRADLEY - UMBRELLA

Project Number: 7217

Project Subtype: Rock Creek

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Kurt Reichert

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$100,000	\$150,000	\$150,000	\$150,000	\$150,000	\$0	\$600,000
Design and Engineering	\$0	\$49,027	\$150,000	\$75,000	\$100,000	\$100,000	\$100,000	\$100,000	\$0	\$400,000
Equipment and Materials	\$114,980	\$217,869	\$300,000	\$200,000	\$150,000	\$150,000	\$150,000	\$150,000	\$0	\$600,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$5,790	\$49,408	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$32,717	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$120,770	\$349,021	\$450,000	\$375,000	\$400,000	\$400,000	\$400,000	\$400,000	\$0	\$1,600,000
Other Funding	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Programmable logic controllers (PLC) are used throughout the Rock Creek facility to automate and monitor the treatment process. Multiple PLCs in the Rock Creek facility are aged Texas Instruments (TI)/Siemens PLC components that are more than 25 years old. This project will replace the TI/Siemens PLC components due to age and outdated software and improve reliability, security, and programming efficiency. The existing TI/Siemens PLCs are being replaced with Allen Bradley PLC components.

-PLC 4: East Tertiary - \$100,000

-PLC 5: Chemical Building - \$150,000

-PLC 7: Digestion - \$150,000

Project Detail

Project Name: ROCK CREEK DEWATERING CONVEYORS REBUILD

Project Number: 7194

Project Subtype: Rock Creek

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Tonya Zinzer

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$71,455	\$0	\$50,000	\$25,000	\$25,000	\$0	\$0	\$0	\$0	\$25,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$4,032	\$19,157	\$20,000	\$10,000	\$10,000	\$0	\$0	\$0	\$0	\$10,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$4,578	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$80,065	\$19,157	\$70,000	\$35,000	\$35,000	\$0	\$0	\$0	\$0	\$35,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project is to rebuild five existing conveyors that support the dewatering system at the Rock Creek facility. There are three horizontal conveyors and two vertical conveyors in the system that were originally installed in 1992. The bearings, gearboxes, and other misc. components need to be replaced in order to return the conveyors to reliable operation. Four of the conveyors have been completed, and the final conveyor is scheduled for rebuild by the maintenance staff.

Project Detail

Project Name: ROCK CREEK DIGESTER #3 & #4 COVER REHABILITATION

Project Number: 7191

Project Subtype: Rock Creek

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: David Hammond

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$17,655	\$2,000,000	\$1,000,000	\$2,500,000	\$1,000,000	\$0	\$0	\$0	\$3,500,000
Design and Engineering	\$163,604	\$0	\$100,000	\$100,000	\$100,000	\$50,000	\$0	\$0	\$0	\$150,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$46,929	\$32,926	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$11,440	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$210,533	\$62,021	\$2,100,000	\$1,100,000	\$2,600,000	\$1,050,000	\$0	\$0	\$0	\$3,650,000
Other Funding	\$225,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This is a Rock Creek WRRF solids treatment process improvement project. Previous condition assessment showed the existing coated-steel covers on Digesters 3 and 4 needed refurbishment to address corrosion and a failing gas tight seal. In addition, improvements to digester foam control and foam separation are needed to improve reliability and redundancy. Additional cost benefit and risk analysis suggested replacement of the covers with new coated-steel material. In addition to cover replacement, this project will make mechanical improvements to the digester gas foam separator piping, digester overflow piping, digester emergency overflow piping, and improve digester mixing performance. Construction is planned to begin in FY26.

Project Detail

Project Name: ROCK CREEK REPLACEMENT & RENEWAL M/E/I/O

Project Number: 7136

Project Subtype: Rock Creek

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Tonya Zinzer

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$7,712	\$33,325	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$455,758	\$342,447	\$435,000	\$500,000	\$1,100,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,500,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$70,148	\$46,441	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$1,038	\$15,055	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$534,656	\$437,268	\$435,000	\$500,000	\$1,100,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,500,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This "umbrella" project is a fund for multiple, miscellaneous replacement and renewal projects different electrical, mechanical, instrumentation, controls infrastructure. This includes, but is not limited to: mechanical, electrical, instrumentation, and controls hardware equipment. A detailed list of proposed projects is below:

- Influent Pump Station Lighting Upgrade - \$80k
- Headworks Odor Chemical Dosing Pumps Replacement - \$45k
- Dewatering Odor Chemical Dosing Pump Replacement - \$45k
- Digester Main Floor Lighting Replacement - \$45k
- Chemical Building ATS V Replacement - \$15k
- Magnesium Chloride Metering Pumps 1/2 Replacement - \$25k
- Struvite Recovery Facility Caustic Pump Replacement - \$55k
- West Aeration Basin 1&2 Air Flow Meter Replacement - \$50k
- Aeration Basin 1&2 Return Activated Sludge Flow Meter Replacement - \$60k
- Primary Effluent Pump Station West Diverter Gate Actuator Replacement - \$25k
- Influent Pump Station Pump 7 Rebuild - \$100k
- Secondary Clarifier 7 Rebuild - \$100k
- Volatile Fatty Acid Pump Replacement - \$35k
- Mixed Liquor Pump AB 5 Rebuild - \$40k
- RS & RWR Isolation Valves at Headworks - \$100k
- Dewatering Pump 3 Replacement - \$25k
- Influent Pump Station Pump 3 Suction Piping Repairs - \$175k
- AB4 Mixed Liquor Return Pump Rebuild - \$40k
- Barscreen Channel Drain Valve Replacement - \$40k

Project Detail

Project Name: ROCK CREEK HOT WATER SYSTEM IMPROVEMENTS

Project Number: 7024

Project Subtype: Rock Creek

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Karen Bill

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$172,675	\$0	\$1,000,000	\$0	\$1,000,000	\$1,500,000	\$0	\$0	\$0	\$2,500,000
Design and Engineering	\$81,308	\$66,457	\$100,000	\$50,000	\$150,000	\$150,000	\$0	\$0	\$0	\$300,000
Equipment and Materials	\$0	\$18,178	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$36,848	\$1,469	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$364	\$0	\$0	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$4,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$295,795	\$86,104	\$1,100,000	\$70,000	\$1,150,000	\$1,650,000	\$0	\$0	\$0	\$2,800,000
Other Funding	\$350,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project will improve the operation and resiliency of the Rock Creek WRRF hot water system and to implement a plan for the future operation. The project includes removal of decommissioned engines (completed in FY24), replacement of three dual fuel boilers (1,2,3) with high efficiency natural gas boilers, implementing a variable pumping strategy, eliminating a dozen tertiary pumping loops, and modifying and adding spiral heat exchangers at the digesters to allow for a lower operating temperature to provide a foundation for a heat recovery heat pump that will recovery heat from the plant effluent. Improving the efficiency of the hot water system will result in a more efficient operation and cost savings.

Project Detail

Project Name: ROCK CREEK CHEMICAL BUILDING MAU REPLACEMENT

Project Number:

Project Subtype: Rock Creek

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Karen Bill

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$300,000	\$0	\$0	\$0	\$300,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$300,000	\$0	\$0	\$0	\$300,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Chemical Building at Rock Creek was installed in 1991 as part of the Phase 4 project. Space heating is provided by three direct fired, natural gas make-up air units, which are original to the building and reaching the end of their useful life. This project is to replace the aging make-up air units. One unit supports a space with bisulfite which is at risk for freezing.

Project Detail

Project Name: ROCK CREEK CLARICONE REHAB

Project Number:

Project Subtype: Rock Creek

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: David Hammond

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$1,000,000	\$0	\$0	\$0	\$1,000,000
Design and Engineering	\$0	\$0	\$0	\$0	\$100,000	\$20,000	\$0	\$0	\$0	\$120,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$100,000	\$1,020,000	\$0	\$0	\$0	\$1,120,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Rock Creek WRRF tertiary claricones are metal and have been in service for more than 20 years in a corrosive environment. A 2018 evaluation identified the need for improvements to improve the condition and extend the useful life of the process. These improvements include: coating the exterior and exposed surfaces of the basins, remove unused chemical piping, replace and weatherize used chemical piping, improve catwalk access. Rehabilitation design planned for FY27 and construction of improvements in FY28.

Project Detail

Project Name: ROCK CREEK DEWATERING BUILDING MIDDLE ROOF REPLACEMENT Project Number:

Project Subtype: Rock Creek

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Karen Bill

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$430,000	\$0	\$0	\$0	\$0	\$430,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$430,000	\$0	\$0	\$0	\$0	\$430,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The middle segment roof of the Rock Creek WRRF Dewatering Building is in need of replacement. This roof area has had active leaks that have been managed with spot repairs. The scope of work for this project will include a roof condition assessment, design of the replacement roof, and construction of the new roofing system.

Project Detail

Project Name: ROCK CREEK DEWATERING SWITCHBOARD 8 BREAKER REHAB

Project Number:

Project Subtype: Rock Creek

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Leigh Kojiro

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85,000	\$15,000	\$100,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$520,000	\$520,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85,000	\$585,000	\$670,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Rock Creek facility Switchgear 8 was installed in 1991 and is beyond useful life. The switchgear breakers are starting to stick and delay in opening and closing. This project will replace the switchgear and supporting breakers to restore operational integrity of the electrical switchgear to maintain plant operational reliability and mitigate potential electrical safety hazards.

Project Detail

Project Name: ROCK CREEK EAST RAS/WAS & AB'S MUA REPLACEMENTS

Project Number:

Project Subtype: Rock Creek

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Karen Bill

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$325,000	\$0	\$0	\$0	\$325,000
Design and Engineering	\$0	\$0	\$50,000	\$0	\$0	\$50,000	\$0	\$0	\$0	\$50,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$50,000	\$0	\$0	\$375,000	\$0	\$0	\$0	\$375,000
Other Funding	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project to replace the 3 make-up air units that serve the tunnels associated with the east RAS/WAS and aeration basin tunnels. The units are 30 years old and fail regularly and are at the end of their useful life. AB7/8 unit is oldest and should be a in-kind replacement.

Project Detail

Project Name: ROCK CREEK PRIMARY CLARIFIERS MECHANISM COATING

Project Number:

Project Subtype: Rock Creek

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: David Hammond

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$100,000	\$100,000	\$100,000	\$0	\$0	\$300,000
Design and Engineering	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$150,000	\$100,000	\$100,000	\$0	\$0	\$350,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Rock Creek WRRF Primary Clarifiers No. 1, 2 and 3 are all in need of steel mechanism recoating to added longevity to the equipment. Extensive corrosion damage was found in each Primary Clarifier during the inspection and drive replacement, covered under a separate project. This project anticipates using a phase implementation for season flow coordination with plant operations by coating a single clarifier mechanism per year from FY27 to FY29.

Project Detail

Project Name: ROCK CREEK SWITCHBOARD 7 REPLACEMENT

Project Number:

Project Subtype: Rock Creek

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Leigh Kojiro

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$300,000	\$600,000	\$0	\$0	\$0	\$900,000
Design and Engineering	\$0	\$0	\$0	\$15,000	\$60,000	\$5,000	\$0	\$0	\$0	\$65,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$130,000	\$200,000	\$0	\$0	\$0	\$330,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$15,000	\$490,000	\$805,000	\$0	\$0	\$0	\$1,295,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Rock Creek facility Switchgear 7 was originally installed in 1990, and is obsolete. The switchgear breakers are starting to stick and delay in opening and closing. This project will replace the switchgear and supporting breakers to restore operational integrity of the electrical switchgear to maintain plant operational reliability and mitigate potential electrical safety hazards.

Project Detail

Project Name: ROCK CREEK UPPER TERTIARY MUA REPLACEMENTS

Project Number:

Project Subtype: Rock Creek

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Karen Bill

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$150,000	\$150,000	\$0	\$0	\$300,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$60,000	\$0	\$0	\$0	\$60,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$210,000	\$150,000	\$0	\$0	\$360,000
Other Funding	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project will replace two make-up air units at the upper tertiary complex. These units are over 30 years old and require regular repairs. There are chemicals in the spaces served by these units, including bi-sulfate, that require temperature control to prevent freezing.. Currently there are additional electric heaters installed as a back to ensure that the bi-sulfate from freezing if the make up air units were to fail during cold weather.

Project Detail

Project Name: ROCK CREEK UPPER TERTIARY SWITCHGEAR S REPLACEMENT

Project Number:

Project Subtype: Rock Creek

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Leigh Kojiro

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$0	\$100,000
Design and Engineering	\$0	\$0	\$32,500	\$0	\$0	\$0	\$30,000	\$2,500	\$0	\$32,500
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000	\$0	\$250,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$32,500	\$0	\$0	\$0	\$30,000	\$352,500	\$0	\$382,500
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Rock Creek facility Switchgear S located in Upper Tertiary Building was originally installed in 1991. The breakers are obsolete and have no replacement parts readily available. This project will replace the switchgear and supporting breakers to restore operational integrity of the electrical switchgear to maintain plant operational reliability and mitigate potential electrical safety hazards.

Project Detail

Project Name: SW BRENNE LN RD

Project Number: 7277

Project Subtype: LID

Fund: 108 - Local Improvement Districts - Sanitary

Project Manager: Doug Gresham

Project Status: Open

Department/Program: Regional Utility Services

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$360,000	\$0	\$360,000	\$0	\$0	\$0	\$0	\$360,000
Design and Engineering	\$20,485	\$2,271	\$10,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$1,992	\$15,996	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$22,477	\$18,286	\$370,000	\$10,000	\$360,000	\$0	\$0	\$0	\$0	\$360,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project will extend an 8-inch sanitary sewer approximately 670 linear feet to serve 6 lots without current access to sanitary sewer on the north side of SW Brenne Lane between SW 73rd Avenue and SW Ridgewood Avenue in the Raleigh Hills Neighborhood of unincorporated Washington County.

Project Detail

Project Name: NW 94TH AVE @ CORNELL RD LID

Project Number: 7276

Project Subtype: LID

Fund: 108 - Local Improvement Districts - Sanitary

Project Manager: Doug Gresham

Project Status: Open

Department/Program: Regional Utility Services

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$500,000	\$100,000	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Design and Engineering	\$655	\$0	\$30,000	\$40,000	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$595	\$10,996	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$1,250	\$10,996	\$530,000	\$140,000	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project will provide sanitary sewers to six lots on NW 94th Avenue north of Cornell Road that do not have access to the public sewer system. The Reimbursement District (RD) area includes two additional lots without service on NW 95th Avenue. The project is located in the Cedar Mill Neighborhood of unincorporated Washington County.

Project Detail

Project Name: SW 108th SANITARY SEWER UPSIZING (PH.1)

Project Number: 7174

Project Subtype: City-Managed Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Sheila Sahu

Project Status: Open

Department/Program: Regional Utility Services

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$1,875,000	\$1,125,000	\$0	\$0	\$0	\$3,000,000
Design and Engineering	\$0	\$0	\$100,000	\$450,000	\$300,000	\$0	\$0	\$0	\$0	\$300,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$100,000	\$450,000	\$2,175,000	\$1,125,000	\$0	\$0	\$0	\$3,300,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The project includes upsizing 2,785 linear feet of 8-inch gravity sewer to 18-inch and 21-inch from SW 108th Avenue to the right-of-way in SW Blake Street. The gravity sewer will receive pump station force main flows from the Western Basalt Creek development.

Project Detail

Project Name: SOUTH MARTINAZZI TRUNK: IROQUOIS DR TO CHELAN ST (PRIORITY 4)

Project Number: 7172

Project Subtype: City-Managed Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Sheila Sahu

Project Status: Open

Department/Program: Regional Utility Services

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$866,400	\$1,311,000	\$0	\$0	\$0	\$0	\$1,311,000
Design and Engineering	\$0	\$0	\$137,000	\$408,500	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$64	\$735	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$64	\$735	\$137,000	\$1,274,900	\$1,311,000	\$0	\$0	\$0	\$0	\$1,311,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Project will upsize approximately 3,336 linear feet (LF) of existing 12-inch sanitary sewer main to 15-inch, which includes the following improvements:

1) Dakota Greenway to SW Blake St (Priority 3): Upsize approximately 138 LF of existing 10-inch concrete, 225 LF of existing 8-inch concrete, and install 703 LF of new sanitary sewer main from District Maintenance Hole (MH) 22129 to Tualatin MH SSF-2854 and repair, replacement, and/or installation of seven (7) MH as needed.

2) SW Makah Ct to SW Martinazzi Ave (Priority 3): Upsize approximately 904 LF of existing 12-inch concrete sanitary sewer main from District MH 22121 to District MH 22116 and repair or replacement of six (6) MH as needed.

3) SW Martinazzi Ave to SW Chelan St (Priority 4): Upsize approximately 1,366 LF of existing 12-inch concrete sanitary sewer main from District MH 22116 to District MH 22111 and repair or replacement of five (5) MH as needed.

Project Detail

Project Name: ROCK CREEK SANITARY TRUNKLINE UPGRADE - PHASE 2

Project Number: 7171

Project Subtype: City-Managed Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Sheila Sahu

Project Status: Open

Department/Program: Regional Utility Services

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$915,000	\$0	\$2,300,000	\$2,700,000	\$0	\$0	\$0	\$5,000,000
Design and Engineering	\$0	\$0	\$0	\$300,000	\$400,000	\$0	\$0	\$0	\$0	\$400,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$915,000	\$300,000	\$2,800,000	\$2,700,000	\$0	\$0	\$0	\$5,500,000
Other Funding	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project upgrades an existing section of the Rock Creek Trunkline from the newly constructed maintenance hole (MH) from the prior Rock Creek Sanitary Trunkline Upgrade Project (District MH 845882) to City MH 414NSan (District MH 806163). A total of 3,243 linear feet of 10-inch, 12-inch, and 15-inch pipe will be upsized to 24-inch pipe. An additional 556 linear feet of 15-inch pipe will be upsized to 18-inch pipe. The purpose of this project is to facilitate the anticipated development of the area upstream and to coordinate with the completed Onion Flats Trunk Line Project and the Rock Creek Phase 1 projects. Phase 2 (Phase B) will start from the end of the Phase 1 improvements and extend south to serve the Tonquin Employment Area (TEA). As part of this project, the sanitary trunkline will be relocated into the uplands on the east and northeast edge of the Tannery Site property above the floodplain. The project is expected to be bid in November 2026.

Project Detail

Project Name: ERICKSON TRUNK BASIN I/I REDUCTION PROJECT, CIP 6105

Project Number: 7169

Project Subtype: City-Managed Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Sheila Sahu

Project Status: Open

Department/Program: Regional Utility Services

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$250,000	\$20,000	\$2,500,000	\$0	\$0	\$0	\$0	\$2,500,000
Design and Engineering	\$0	\$0	\$150,000	\$17,000	\$125,000	\$0	\$0	\$0	\$0	\$125,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$400,000	\$37,000	\$2,625,000	\$0	\$0	\$0	\$0	\$2,625,000
Other Funding	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The project goal is to reduce flows from inflow and infiltration (I&I) from the Erickson sewershed. At a minimum, the work must cost-effectively reduce I&I in the Erickson Basin in order to avoid capacity issues for the recently reconstructed Erickson Trunk Sanitary Sewer. Partner with the City of Beaverton on an estimated 4.3 miles of rehab of 8 to 12-inch piping and associated laterals; rehabilitation of mainlines and laterals to be prioritized based on CCTV inspection and/or flow monitoring per the West Basin Master Plan.

Project Detail

Project Name: TURNER CREEK BASIN I&I ABATEMENT PROJECT No. 6

Project Number: 7168

Project Subtype: City-Managed Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Sheila Sahu

Project Status: Open

Department/Program: Regional Utility Services

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$2,625,000	\$1,430,000	\$600,000	\$0	\$0	\$0	\$0	\$600,000
Design and Engineering	\$0	\$0	\$25,000	\$0	\$10,000	\$0	\$0	\$0	\$0	\$10,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$2,650,000	\$1,430,000	\$610,000	\$0	\$0	\$0	\$0	\$610,000
Other Funding	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project provides ongoing repair and replacement of sewer lines that were built between 1911 and 1936. These sanitary sewer districts in Hillsboro have been previously identified as high contributors of inflow and infiltration (I&I). This is the sixth project within these districts to address the I&I issues.

Project Detail

Project Name: HAREWOOD STREET SANITARY SEWER REPLACEMENT

Project Number: 7372

Project Subtype: City-Managed Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Sheila Sahu

Project Status: Open

Department/Program: Regional Utility Services

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$2,150,000	\$0	\$0	\$0	\$2,150,000
Design and Engineering	\$0	\$0	\$0	\$160,000	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$40,000	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$200,000	\$150,000	\$2,150,000	\$0	\$0	\$0	\$2,300,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The project will replace an existing 18" sanitary sewer line 36232 which has developed a sag and is a hotspot requiring regular cleaning to remove fats, oils, and grease. The line is in a significant wetland and will require extensive permitting. The construction of Harewood Street likely caused the sag with about 20 feet of fill being placed with the construction of the street. The sewer line is nearly 30 feet deep, and the replacement line will likely need to be bored under the roadway. A capacity analysis will be performed to determine if the line should be upsized. Easements will be needed from the Jackson School Homeowners Association.

Project Detail

Project Name: HALL BLVD LATERAL (R-110)

Project Number: 6922

Project Subtype: City-Managed Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Sheila Sahu

Project Status: Open

Department/Program: Regional Utility Services

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$35,000	\$2,000	\$2,000	\$0	\$0	\$0	\$0	\$2,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$35,000	\$2,000	\$2,000	\$0	\$0	\$0	\$0	\$2,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The project replaced 4,066 linear feet (LF) of 15-inch sewer with an 18-inch sewer to increase capacity and accommodate growth. This project was broken into two phases in FY 2021 by City and was substantially completed in FY 2023 with remaining repairs required for manhole defects. All manholes for Phase 2 of the project (Landis & Landis contractor) were out of the extended warranty by September 14, 2025, and this phase was deemed complete. Phase 1 of the project (Emery & Sons contractor) still has four manholes that have not passed inspection. These manholes are estimated to be repaired in December 2025, with the four-month warranty restarting at time of maintenance hole repair completion. Project is estimated to be closed in FY 2026 after all maintenance hole repairs are completed and no additional funding is required for proper project completion.

Project Detail

BONITA TRUNK

Project Number:

Project Subtype: City-Managed Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Sheila Sahu

Project Status: Candidate

Department/Program: Regional Utility Services

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,176,000	\$1,176,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$336,000	\$294,000	\$630,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$336,000	\$1,470,000	\$1,806,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

?The project was identified in the East Basin 2019 Facilities Plan. 3,800 linear feet (LF) of 8-12" pipe to be replaced with 12"-18" pipe (between maintenance holes (MH) 21184-21129) for capacity improvements. The project is located north of Bonita Road.

Project Detail

Project Name: CIPOLE-BLUFF SEWER TRUNK UPSIZING

Project Number:

Project Subtype: City-Managed Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Sheila Sahu

Project Status: Candidate

Department/Program: Regional Utility Services

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,356,000	\$2,034,000	\$3,390,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$160,000	\$240,000	\$0	\$400,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$160,000	\$1,596,000	\$2,034,000	\$3,790,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project will upsize a total of approx. 3,806 linear feet (LF) of existing 15-inch-diameter pipe to 18-inches.

Project Detail

Project Name: DALE AVE 19TH TO BARLOW SANITARY SEWER I&I REDUCTION PROJECT

Project Number:

Project Subtype: City-Managed Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Sheila Sahu

Project Status: Candidate

Department/Program: Regional Utility Services

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$42,100	\$1,500,000	\$1,542,100
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$21,100	\$75,000	\$96,100
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$63,200	\$1,575,000	\$1,638,200
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The project goal is to reduce flows from inflow and infiltration in the Erickson sewershed by rehabilitating approximately 4.3 miles of 8- to 12-inch piping and associated laterals. The rehabilitation of mainlines and laterals will be prioritized based on CCTV inspection and/or flow monitoring.

Project Detail

Project Name: DALE AVE ALLEN TO 19TH SANITARY SEWER I&I REDUCTION PROJECT Project Number:

Project Subtype: City-Managed Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Sheila Sahu

Project Status: Candidate

Department/Program: Regional Utility Services

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$42,100	\$42,100
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$21,100	\$21,100
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$63,200	\$63,200
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The project goal is to reduce flows from inflow and infiltration in the Erickson sewershed by rehabilitating approximately 4.3 miles of 8- to 12-inch piping and associated laterals. The rehabilitation of mainlines and laterals will be prioritized based on CCTV inspection and/or flow monitoring.

Project Detail

Project Name: Cedar Hills Interceptor - East Basin MP # DU21C-34

Project Number:

Project Subtype: City-Managed Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Sheila Sahu

Project Status: Candidate

Department/Program: Regional Utility Services

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$700,100	\$700,100	\$1,400,200
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$385,100	\$105,100	\$490,200
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,085,200	\$805,200	\$1,890,400
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The project is a capacity project of 1,800 feet of 18-inch piping replacing existing 15-inch piping north of Center Street near SW 117th Ave between city maintenance holes (MH) 96282 and 6506 (pipelines 91738, 91739, 91740, 91741, 91742, 91743, 91744, 91745, 90728, 90727).

Project Detail

Project Name: FRANCIS PROPERTY SEWER IMPROVEMENT - EXPIRING EASEMENT
1/1/2030

Project Number:

Project Subtype: City-Managed Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Sheila Sahu

Project Status: Candidate

Department/Program: Regional Utility Services

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$1,102,500	\$1,102,500	\$0	\$0	\$2,205,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$606,400	\$165,400	\$0	\$0	\$771,800
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$1,708,900	\$1,267,900	\$0	\$0	\$2,976,800
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

A public sanitary sewer easement established in 2007 over a 12-inch pipe from maintenance hole 20899 to 85778 and additionally including the downstream Beaverton Pump Station will expire on January 1, 2030. The regional cost share will cover changes associated with the Beaverton Pump Station to accommodate the City of Beaverton's rerouting solution for their gravity lines.

Project Detail

Project Name: HALL BLVD ALLEN TO HART SANITARY SEWER I&I REDUCTION PROJECT

Project Number:

Project Subtype: City-Managed Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Sheila Sahu

Project Status: Candidate

Department/Program: Regional Utility Services

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$42,100	\$1,500,000	\$0	\$1,542,100
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$21,100	\$75,000	\$0	\$96,100
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$63,200	\$1,575,000	\$0	\$1,638,200
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The project goal is to reduce flows from inflow and infiltration in the Erickson sewershed by rehabilitating approximately 4.3 miles of 8- to 12-inch piping and associated laterals. The rehabilitation of mainlines and laterals will be prioritized based on CCTV inspection and/or flow monitoring.

Project Detail

Project Name: HYLAND WAY 22ND TO HART SANITARY SEWER I&I REDUCTION PROJECT

Project Number:

Project Subtype: City-Managed Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Sheila Sahu

Project Status: Candidate

Department/Program: Regional Utility Services

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$42,100	\$1,500,000	\$0	\$0	\$1,542,100
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$21,100	\$75,000	\$0	\$0	\$96,100
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$63,200	\$1,575,000	\$0	\$0	\$1,638,200
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The project goal is to reduce flows from inflow and infiltration in the Erickson sewershed by rehabilitating approximately 4.3 miles of 8- to 12-inch piping and associated laterals. The rehabilitation of mainlines and laterals will be prioritized based on CCTV inspection and/or flow monitoring.

Project Detail

Project Name: JUNIPER TERRACE 22ND TO DEER OAK SANITARY SEWER I&I
REDUCTION PROJECT

Project Number:

Project Subtype: City-Managed Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Sheila Sahu

Project Status: Candidate

Department/Program: Regional Utility Services

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$42,100	\$2,000,000	\$0	\$0	\$0	\$2,042,100
Design and Engineering	\$0	\$0	\$0	\$0	\$21,100	\$100,000	\$0	\$0	\$0	\$121,100
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$63,200	\$2,100,000	\$0	\$0	\$0	\$2,163,200
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The project goal is to reduce flows from inflow and infiltration in the Erickson sewershed by rehabilitating approximately 4.3 miles of 8- to 12-inch piping and associated laterals. The rehabilitation of mainlines and laterals will be prioritized based on CCTV inspection and/or flow monitoring.

Project Detail

Project Name: LOMBARD TO FRANKLIN TRUNK IMPROVEMENTS (MP 1)

Project Number:

Project Subtype: City-Managed Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Sheila Sahu

Project Status: Candidate

Department/Program: Regional Utility Services

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$39,600	\$40,000	\$0	\$79,600
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$21,800	\$6,000	\$0	\$27,800
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$61,400	\$46,000	\$0	\$107,400
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Lombard-Franklin Sewer Trunk Improvements project includes six pipe segments with capacity issues and four in poor condition (as defined by the City). Capacity-constrained pipes are proposed to be upsized from 8-inch to 10-inch diameter pipe to gain sufficient capacity to accommodate existing and buildout flows. The pipe runs primarily through a mix of multifamily and commercial properties with the pipes in or adjacent to the public right-of-way (ROW). The upstream end of the project area crosses underneath the TriMet MAX line and Hwy 10.

Project Detail

Project Name: MARTINAZZI SEWER TRUNK UPSIZING (PRIORITY 5) NORTH TRUNK - SAGERT TO WARM SPRINGS

Project Number:

Project Subtype: City-Managed Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Sheila Sahu

Project Status: Candidate

Department/Program: Regional Utility Services

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$327,600	\$491,400	\$0	\$0	\$0	\$0	\$491,400
Design and Engineering	\$0	\$0	\$0	\$58,500	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$386,100	\$491,400	\$0	\$0	\$0	\$0	\$491,400
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project will upsize approx. 1,560 linear feet (LF) of existing 10-inch sanitary sewer main to 15-inch,

Project Detail

Project Name: NORTH TEKTRONIX PUMP STATION LATERAL - CIP 6136, MP 3, CWS EBMP DU21C-23)

Project Number:

Project Subtype: City-Managed Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Sheila Sahu

Project Status: Candidate

Department/Program: Regional Utility Services

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$206,900	\$206,900	\$0	\$0	\$0	\$413,800
Design and Engineering	\$0	\$0	\$0	\$35,000	\$113,800	\$31,100	\$0	\$0	\$0	\$144,900
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$35,000	\$320,700	\$238,000	\$0	\$0	\$0	\$558,700
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This is a capacity project to replace 2,350 feet of 12-inch piping with existing 10-inch piping near SW Hocken Avenue and SW Jenkins Road (between maintenance holes 20921 and 3050). Flow monitoring was completed in 2025 to determine whether inflow & infiltration or City growth is the project driver. The intergovernmental agreement will reflect that cost share.

This project was initially identified in the CWS 2009 Master Plan as number D-510 and modified based on Jacobs hydraulic model. The project was put on hold for a few years to identify what the inflow & infiltration reduction program would accomplish.

Project Detail

Project Name: SANITARY SEWER I&I ABATEMENT PROJECT No. 7 - TURNER CREEK

Project Number:

Project Subtype: City-Managed Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Sheila Sahu

Project Status: Candidate

Department/Program: Regional Utility Services

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$500,000	\$1,750,000	\$1,750,000	\$0	\$4,000,000
Design and Engineering	\$0	\$0	\$0	\$0	\$25,000	\$125,000	\$15,000	\$15,000	\$0	\$180,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$25,000	\$625,000	\$1,765,000	\$1,765,000	\$0	\$4,180,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The project continues the ongoing replacement of the sanitary sewer mains and laterals within Hillsboro's Turner Creek Basin. Partner with the City of Hillsboro on an estimated 3.6 miles of rehab of 8 to 12-inch piping and associated laterals; rehabilitation of mainlines and laterals to be prioritized based on CCTV inspection and/or flow monitoring per the West Basin Master Plan.

Project Detail

Project Name: SANITARY SEWER I&I ABATEMENT PROJECT No. 8 (RC25C-20)

Project Number:

Project Subtype: City-Managed Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Sheila Sahu

Project Status: Candidate

Department/Program: Regional Utility Services

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000	\$125,000	\$150,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000	\$625,000	\$650,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project provides ongoing repair and replacement of sewer lines that were built between 1911 and 1936. These sanitary sewer districts in Hillsboro have been previously identified as high contributors of inflow and infiltration (I&I). This is the eighth project within these districts to address the I&I issues.

Project Detail

Project Name: SUNRISE SEWER UPSIZING (HB25C-2)

Project Number:

Project Subtype: City-Managed Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Sheila Sahu

Project Status: Candidate

Department/Program: Regional Utility Services

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$255,000	\$255,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$255,000	\$255,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project will rehabilitate 5,113 linear feet (LF) of 8- to 10-inch concrete pipe located predominantly in the Sunrise Lane right-of-way (ROW), along NE Thomas Street, and a segment between residential parcels south of Sunrise Lane. The 8 and 10-inch pipe primarily conveys wastewater from the surrounding residents on Sunrise Lane between Jackson School Road and 17th Avenue and on 9th Avenue between Sunrise Lane and Baldwin Drive.

Project Detail

Project Name: TETON SEWER TRUNK UPSIZING

Project Number:

Project Subtype: City-Managed Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Sheila Sahu

Project Status: Candidate

Department/Program: Regional Utility Services

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$246,300	\$369,400	\$0	\$0	\$615,700
Design and Engineering	\$0	\$0	\$0	\$0	\$29,200	\$43,800	\$0	\$0	\$0	\$73,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$29,200	\$290,100	\$369,400	\$0	\$0	\$688,700
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project will upsize approx. 1,726 linear feet (LF) of existing 10-inch and 12-inch sanitary sewer main to 15-inch

Project Detail

Project Name: TUALATIN RESERVOIR SEWER TRUNK UPSIZING

Project Number:

Project Subtype: City-Managed Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Sheila Sahu

Project Status: Candidate

Department/Program: Regional Utility Services

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$2,052,000	\$3,078,000	\$0	\$0	\$5,130,000
Design and Engineering	\$0	\$0	\$0	\$0	\$240,000	\$360,000	\$0	\$0	\$0	\$600,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$240,000	\$2,412,000	\$3,078,000	\$0	\$0	\$5,730,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Tualatin Reservoir Sewer Trunk Upsizing project is project SS-7: Tualatin Reservoir Trunk, in the 2019 Tualatin Sewer Master Plan (TSMP, p. 4-4), and project DU21C-13: Tualatin Reservoir Trunk, in the 2021 Clean Water Services (CWS) East Basin Master Plan (EBMP, p. 9-18). This project will increase flow capacity for anticipated development in the western and central Basalt Creek Planning Area in the south of the city. Due to capacity limitations and shallow manholes, sanitary sewer overflows (SSOs) are likely unless the pipes are upsized from 15-inch to 24-inch before these areas are developed.

Project Detail

Project Name: TUALATIN-SHERWOOD RD (TSR) SEWER TRUNK UPSIZING

Project Number:

Project Subtype: City-Managed Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Sheila Sahu

Project Status: Candidate

Department/Program: Regional Utility Services

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$658,400	\$987,500	\$0	\$1,645,900
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$78,000	\$117,000	\$0	\$0	\$195,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$78,000	\$775,400	\$987,500	\$0	\$1,840,900
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project will upsize approx. 2,871 linear feet (LF) of existing 10-inch (1,820 LF) and 12-inch sanitary sewer main to 15-inch (1,051 LF) along SW Tualatin-Sherwood Rd between SW 90th Ave and SW Tonka St, from maintenance hole (MH) 21309 to MH 22277.

Project Detail

Project Name: UTILITY RELOCATION

Project Number: 6283

Project Subtype: RUSD Managed Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Chris Faulkner

Project Status: Open

Department/Program: Regional Utility Services

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$54,446	\$280,185	\$0	\$100,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$14,688	\$630	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$69,134	\$280,815	\$0	\$100,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project is to track and fund utility relocations associated with County and/or Municipal roadway projects that require the relocation of District sanitary facilities. The District is required to fund these relocations because of the presence of the utility in the County/City right-of-way. For minor relocations, this funding provides the funds for Field Operations to construct the relocation. For significant relocations, this project provides the funds to begin the engineering in the year identified. Subsequently a separate project is established when the scope of the sewer relocation is known.

The operating Intergovernmental Agreement (IGA) with the County states that \$300,000 will be available each fiscal year for projects that require utility relocates. This has been estimated over the 5 year CIP, and as projects come up tasks will be requested.

Project Detail

Project Name: SW 205TH AVENUE (W BASELINE TO NE QUATAMA ST)

Project Number: 7326

Project Subtype: RUSD Managed Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Doug Gresham

Project Status: Open

Department/Program: Regional Utility Services

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$800,000	\$200,000	\$900,000	\$0	\$0	\$0	\$0	\$900,000
Design and Engineering	\$0	\$0	\$200,000	\$200,000	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$6,375	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$6,375	\$1,000,000	\$400,000	\$950,000	\$0	\$0	\$0	\$0	\$950,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The project will include a sanitary sewer relocation crossing under Beaverton Creek to relocate a 27-inch sanitary sewer out from the footprint of the proposed replacement bridge and a sanitary sewer improvement via open trench installation for an 84-inch dry gravity sewer that will be capped for future improvement. Construction will be completed with the Washington County bridge/road improvements. Work will be completed over two in-water work periods over the summer 2026 and summer 2027.

Project Detail

Project Name: UTILITY RELOCATION

Project Number: 6283

Project Subtype: RUSD Managed Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Chris Faulkner

Project Status: Open

Department/Program: Regional Utility Services

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$54,446	\$280,185	\$0	\$100,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$14,688	\$630	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$69,134	\$280,815	\$0	\$100,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project is to track and fund utility relocations associated with County and/or Municipal roadway projects that require the relocation of District sanitary facilities. The District is required to fund these relocations because of the presence of the utility in the County/City right-of-way. For minor relocations, this funding provides the funds for Field Operations to construct the relocation. For significant relocations, this project provides the funds to begin the engineering in the year identified. Subsequently a separate project is established when the scope of the sewer relocation is known.

Project Detail

Project Name: FLOW MONITORING EQUIPMENT ADDITIONS

Project Number: 7397

Project Subtype: Field Operations

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Doug Schuh

Project Status: Open

Department/Program: UOPS - Field Ops

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This projects includes funds for the purchase of new flow monitors and sensors to characterize sanitary sewer influent in the collection system. These sensors are used to fulfill requests for new and/or additional monitoring locations.

Project Detail

Project Name: RADIO COMMUNICATION UPGRADES AND MODERNIZATION
UMBRELLA

Project Number: 7386

Project Subtype: Field Operations

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Doug Schuh

Project Status: Open

Department/Program: UOPS - Field Ops

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$50,000	\$25,000	\$25,000	\$0	\$0	\$0	\$0	\$25,000
Equipment and Materials	\$0	\$0	\$50,000	\$50,000	\$50,000	\$75,000	\$75,000	\$0	\$0	\$200,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$100,000	\$75,000	\$75,000	\$75,000	\$75,000	\$0	\$0	\$225,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Communication Equipment Modernization and Upgrades project is a District wide project to improve routine and emergency communication capabilities.

Improvements planned for FY27 include implementing Very High Frequency (VHF) communication system enhancements and purchasing 800Mhz equipment scheduled for replacement.

Project Detail

Project Name: COOK PARK SIPHON EASEMENT ACQUISITION

Project Number:

Project Subtype: Field Operations

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Ryan Sandhu

Project Status: Open

Department/Program: UOPS - Field Ops

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Design and Engineering	\$0	\$0	\$10,000	\$10,000	\$10,000	\$0	\$0	\$0	\$0	\$10,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$10,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$70,000	\$70,000	\$60,000	\$0	\$0	\$0	\$0	\$60,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project will construct an access road to the Cook Park Siphon and acquire the associated access easement to support operation and maintenance.

Project Detail

Project Name: MATERIAL HANDLING YARD FUEL TANK

Project Number:

Project Subtype: Field Operations

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Gabe Sohler

Project Status: Candidate

Department/Program: UOPS - Field Ops

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project is for the purchase and installation of a 5,000 gallon on site fuel cell for the material handling yard. This fuel cell will provide fuel for the usage of onsite fueling for district equipment and vehicles.

Project Detail

Project Name: CHICKEN CREEK PUMP STATION PHASE 2

Project Number: 7398

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Allen Perlin

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$294,000	\$0	\$700,000	\$600,000	\$0	\$0	\$1,300,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$400,000	\$0	\$0	\$0	\$0	\$400,000
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$294,000	\$400,000	\$700,000	\$600,000	\$0	\$0	\$1,700,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The future Chicken Creek Pump Station is residential and industrial development driven and will be located on Roy Rogers Road along Chicken Creek. The improvement was documented in the Clean Water Services East Basin Facility Plan.

It is anticipated that the pump station will be sized for 13.5 MGD with an 30-inch force main that is 16,200-feet in length. The project also includes downsizing of the Sherwood Pump Station (generator, ATS, and pumps), and abandonment of the Sherwood Trunk downstream of the Chicken Creek Pump Station. A portion of the downstream trunk will need to remain in service due to two existing laterals. This trunk will possibly need to be downsized.

The upstream gravity trunk is scheduled to be upsized. This project and the upsizing project could coordinate on design and construction efforts.

FY26 Appropriated funds were transferred from the first phase, project 7229, Chicken Creek Pump Station and Force Main which has been completed.

Project Detail

Project Name: BANKS PUMP STATION UPGRADE

Project Number: 7384

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Ramon Sera

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$500,000	\$0	\$0	\$0	\$500,000
Design and Engineering	\$0	\$0	\$0	\$50,000	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$50,000	\$150,000	\$500,000	\$0	\$0	\$0	\$650,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Banks Pump Station has experienced significant high flows during winter storms. The District has performed infiltration and inflow (I/I) investigations and has made repairs. However, the pump station is still experiencing high flows. This project is to either upgrade the pump station to 60 HP pumps or increase the diameter of the forcemain.

This project is identified in the West Basin Facility Plan.

Project Detail

Project Name: NORTH PLAINS PUMP STATION SWITCH GEAR UPGRADE

Project Number: 7344

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Leigh Kojiro

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$60,000	\$0	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Design and Engineering	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$100,000	\$0	\$700,000	\$0	\$0	\$0	\$0	\$700,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$160,000	\$100,000	\$950,000	\$0	\$0	\$0	\$0	\$950,000
Other Funding	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project is to upgrade the obsolete controllers and add a new generator in order to meet the requirements to rejoin the Portland General Electric (PGE) Dispatchable Standby Generation (DSG) program. PGE will provide a rebate of approximately \$758k to lessen the cost of the installation of the controls and generator needed to participate in the DSG program. As a participant in the program, there are other benefits including: PGE pays for fuel and maintenance costs, participates in emergency repair costs, will provide a cleaner air discharge to the environment than an emergency generator, and supports PGE with power generation at peak demand opportunities and provides local point of service capability to better support our neighbors.

Project Detail

Project Name: CEDAR ST PUMP STATION IMPROVEMENTS

Project Number: 7341

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Michael Glass

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$10,482	\$425,000	\$200,000	\$225,000	\$0	\$0	\$0	\$0	\$225,000
Design and Engineering	\$0	\$205,190	\$75,000	\$50,000	\$25,000	\$0	\$0	\$0	\$0	\$25,000
Equipment and Materials	\$0	\$0	\$0	\$40,000	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$18,133	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$233,805	\$500,000	\$290,000	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project is to upgrade the existing pump station's power service from single phase to three phase. This change will ensure more reliability. With this power service change, new pumps, electrical equipment, control equipment, and instruments will be installed. Safety features will also be added to the Project such as bringing buried pipe above grade.

Pump station improvements described above are anticipated to be completed by December 2026.

Project Detail

Project Name: BUTTERNUT CREEK PUMP STATION PHASE 2

Project Number: 7328

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Michael Glass

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$275,000	\$0	\$0	\$5,500,000	\$5,500,000	\$5,500,000	\$0	\$16,500,000
Design and Engineering	\$0	\$0	\$500,000	\$500,000	\$500,000	\$100,000	\$100,000	\$100,000	\$0	\$800,000
Equipment and Materials	\$0	\$0	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$29,053	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$29,053	\$800,000	\$2,200,000	\$500,000	\$5,600,000	\$5,600,000	\$5,600,000	\$0	\$17,300,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Butternut Creek Pump Station was planned to be built in two different phases. The first phase of the pump station is currently in operation.

This project is for the second phase of the pump station which is planned for the same taxlot as the phase one pump station and includes three new pumps, designed to provide a firm capacity of 6.6 MGD. A new approximately 15,300-foot-long, 20-inch diameter force main will be constructed from the pump station along SE Butternut Crk Pkwy, SW 229th Ave, Rosa Rd, and River Rd to the Rock Creek Advanced Wastewater Treatment Facility.

An approximate 2,700 linear feet (LF) portion of the force main along River Rd is planned for construction within FY26. This section is planned for installation as part of the planned Witch Hazel Village Development roadway utility work for cost efficiencies and to minimize disruption to the community.

Project Detail

Project Name: NORTH PLAINS PUMP STATION UPGRADE

Project Number: 7325

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Leigh Kojiro

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$200,000	\$100,000	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Design and Engineering	\$0	\$0	\$0	\$82,000	\$5,000	\$0	\$0	\$0	\$0	\$5,000
Equipment and Materials	\$0	\$40,677	\$0	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$18,726	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$59,403	\$200,000	\$482,000	\$105,000	\$0	\$0	\$0	\$0	\$105,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The North Plains Pump Station is reaching its firm capacity. As both residential and industrial development continue within the pump station basin, the firm capacity needs to be increased. This increase was planned for in the original design of the pump station, and it includes adding a third pump and pump soft start.

The following improvements will also be included in this project:

Modifications to the bypass connection and bypass isolation valve, adding cable trench, adding air gap box for all 3 pumps, adding combination emergency shower and eyewash including electric water heater tank for tepid water. In addition, a transient analysis will be performed and the resulting recommendations on the existing air valves will be implemented.

Project Detail

Project Name: PUMP STATION COMBINATION AIR RELEASE VALVE UPGRADES

Project Number: 7312

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Paul Buckmaster

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$158,923	\$100,000	\$0	\$116,000	\$0	\$0	\$0	\$0	\$116,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$158,923	\$100,000	\$0	\$116,000	\$0	\$0	\$0	\$0	\$116,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

In Fiscal Year 2024, the District created a Goalshare to evaluate all remote Combination Air Release Valves (CARV) as the existing CARVs are difficult to maintain with some generating sanitary sewer overflows. Within the Goalshare, a plan was developed to upgrade 28 CARVs per year over the next three years to an improved model that reduces maintenance. This project is purchase and install the upgraded CARVs.

-----FY27 - \$116K-----

River Road - \$30,000

Laurel Woods - \$20,000

North Hillsboro - \$24,000

Dawson Creek - \$24,000

Rood Bridge - \$18,000

Project Detail

Project Name: SCHOLLS COUNTRY PS INFLUENT GRAVITY SEWER DIVERSION

Project Number: 7308

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Ramon Sera

Project Status: Open

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$300,000	\$0	\$0	\$0	\$0	\$300,000
Design and Engineering	\$8,050	\$12,062	\$0	\$100,000	\$20,000	\$0	\$0	\$0	\$0	\$20,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$1,391	\$106,346	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$1,234	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$10,675	\$118,408	\$0	\$100,000	\$320,000	\$0	\$0	\$0	\$0	\$320,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project is to install a new 10-inch sanitary sewer line to divert flows away from the existing Scholls Country PS, and connect to a newly installed City of Tigard gravity sewer line approximately 300-feet away. This project will help the District decommission the existing Scholls Country PS which O&M staff has noted requires equipment replacements in the very near future. If we divert the influent gravity sewer line now, then the District will not have to replace any equipment and we can proceed in decommissioning the pump station.

Project Detail

Project Name: TONQUIN PUMP STATION AND FORCEMAIN

Project Number: 7292

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Allen Perlin

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$917	\$100,000	\$0	\$1,500,000	\$3,250,000	\$0	\$0	\$0	\$4,750,000
Design and Engineering	\$0	\$220,084	\$400,000	\$350,000	\$150,000	\$50,000	\$0	\$0	\$0	\$200,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$1,777	\$31,357	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$300	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$2,077	\$252,358	\$500,000	\$350,000	\$1,650,000	\$3,300,000	\$0	\$0	\$0	\$4,950,000
Other Funding	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Multiple pump stations in the Basalt Creek area of Tualatin have been identified in the City of Tualatin Master Plan and Clean Water Services East Basin Facility Plan due to residential and industrial development in the area. This particular pump station would handle all flows for the area surrounding Tonquin Road and Grahams Ferry Road. The pump station will have a firm capacity of 1.0 MGD with a 10-inch, 2500 linear feet of forcemain. A portion of the influent gravity sewer will also be constructed as part of the project.

Project Detail

Project Name: FANNO CREEK WET WEATHER PUMP STATION AND FORCEMAIN

Project Number: 7278

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Wade Denny

Project Status: Open

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,000,000	\$20,000,000	\$35,000,000
Design and Engineering	\$0	\$0	\$250,000	\$175,000	\$400,000	\$400,000	\$500,000	\$100,000	\$100,000	\$1,500,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$5,024	\$67,317	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$300,000	\$0	\$0	\$0	\$0	\$300,000
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$5,024	\$67,317	\$250,000	\$175,000	\$700,000	\$400,000	\$500,000	\$15,100,000	\$20,100,000	\$36,800,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Fanno Creek Gravity Interceptor is at capacity during specific storm events. This Wet Weather Pump Station will be constructed to alleviate the capacity concerns.

This project is currently being planned within a larger, integrated project, which is Project #7181 Fanno Creek Interceptor Rehab.

The pump station is estimated at 32-MGD capacity with dual 24-inch forcemains that are 19,000-Linear Feet long

Project Detail

Project Name: ALOHA PUMP STATION UPGRADE AND I/I PROJECT

Project Number: 7255

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Michael Glass

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$4,200,000	\$4,200,000	\$0	\$0	\$8,400,000
Design and Engineering	\$0	\$0	\$250,000	\$50,000	\$100,000	\$600,000	\$100,000	\$0	\$0	\$800,000
Equipment and Materials	\$8,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$29,581	\$43,952	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$69,348	\$281,536	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$106,929	\$325,488	\$250,000	\$100,000	\$100,000	\$4,800,000	\$4,300,000	\$0	\$0	\$9,200,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The initial planning phase of this project to evaluate the most appropriate methods to relieve the Aloha Pump Station from its current capacity concerns is in progress. Potential projects evaluated include pump station upgrades, forcemain re-routing, high flow diversions, and I/I abatement.

By the start of FY27, pre-design for the selected capacity improvement project is anticipated to begin.

Project Detail

Project Name: KING CITY RECYCLED PUMP STATION

Project Number: 7204

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Ramon Sera

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$900,000	\$900,000	\$1,800,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$175,000	\$100,000	\$1,000,000	\$1,275,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$2,471	\$6,861	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$25,214	\$8,132	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$27,685	\$14,993	\$0	\$0	\$0	\$0	\$175,000	\$1,000,000	\$1,900,000	\$3,075,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The King City Reuse Pump Station will increase the pressure of the Durham AWWTF's Class A Reuse Water for distribution to new customers. There are multiple different locations where this pump station may be located. The pump station would contain two 15-HP pumps that are sized at 200 gpm each. The pumps will be housed in a small building that will match the surrounding park area.

The first phase of forcemain construction is anticipated to be 8-inch HDPE that is 550-ft in length. Future forcemain construction phases will be determined based off customer locations.

Project Detail

Project Name: COOPER MOUNTAIN PUMP STATION & FORCEMAIN

Project Number: 7201

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Ramon Sera

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$845	\$0	\$600,000	\$0	\$0	\$4,000,000	\$1,000,000	\$0	\$0	\$5,000,000
Design and Engineering	\$0	\$368,474	\$500,000	\$50,000	\$200,000	\$350,000	\$50,000	\$0	\$0	\$600,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$51,392	\$81,518	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$4,150	\$400,000	\$300,000	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$55,391	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$107,628	\$454,142	\$1,500,000	\$350,000	\$300,000	\$4,350,000	\$1,050,000	\$0	\$0	\$5,700,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The City of Beaverton (City) is working with the District to plan for development in the Cooper Mountain area, located southwest of the City within the Urban Growth Boundary (UGB). The City adopted a concept plan for the area in 2015 and the Cooper Mountain Community Plan was approved on December 2024. Annexation to Beaverton and the District will occur before the development process for new housing and commercial uses. The Clean Water Services East Basin Master Plan determined that a new pump station is required at a location near the intersection of SW Grabhorn Rd and SW Tile Flat Rd within the UGB, which is an ideal location to serve the Cooper Mountain community. The new pump station service area includes an unincorporated portion of North Cooper Mountain, currently served by onsite septic systems, that is also inside the UGB.

The District completed the Cooper Mountain PS Siting Study on March 14, 2024. The District also completed the Cooper Mountain PS Preliminary (30%) Design and acquired the Land Use Approval on August 13, 2025. However, the Cooper Mountain PS Final Design is currently on hold as the District continues to negotiate the purchase of the pump station property with the land owner. Once the purchase of the pump station property is finalized, then the District will proceed with Cooper Mountain PS Final Design Phase.

The Cooper Mountain PS is being designed in phases from Phase 1 through Phase 2 (Buildout), with this project being Phase 1. Included in Phase 1 are two 45 horsepower pumps with space for a future third pump, approximately 2,700 ft of 14-inch force main, a 100 KW standby generator, standard pump station electrical and controls, and civil site work/landscaping. Phase 2 will be done in the future to increase the firm capacity of the pump station to accommodate growth within the service area.

The influent gravity sewer pipe into the pump station is currently planned to be developer-constructed.

Project Detail

Project Name: QUAIL VALLEY PUMP STATION

Project Number: 7133

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Ramon Sera

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$540	\$2,698	\$2,000,000	\$4,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000
Design and Engineering	\$232,722	\$298,810	\$100,000	\$240,000	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$23,363	\$93,516	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$7,929	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$6,794	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$263,419	\$402,953	\$2,100,000	\$4,240,000	\$2,050,000	\$0	\$0	\$0	\$0	\$2,050,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project is for a new Quail Valley Pump Station that is developer-driven located in the old Quail Valley Golf Course area within the Urban Growth Boundary east of Banks, Oregon. The District's 2009 Sanitary Sewer Masterplan identified this area as being served by gravity to the Oak Village Pump Station. However, a recently completed Quail Valley Pump Station Siting Evaluation (dated January 4, 2023) indicated the need for this new pump station to serve the new developments.

The Quail Valley Pump Station is being constructed in phases starting from Phase 1 through Phase 3 (Buildout), with this project being Phase 1. Included in Phase 1 are two 10 horsepower pumps, approximately 3,500 ft of 12-inch force main, a 50 KW standby generator, standard pump station electrical and controls, and civil site work/landscaping. The pump station is scheduled to be completed by November 2026. Phase 2 will be done in the future to increase the firm capacity of the pump station to accommodate growth within the service area.

Since sewage from Quail Valley Pump Station will be pumped to the existing Oak Village Pump Station, this project also includes improvements to the existing Oak Village Pump Station. The Oak Village Pump Station Improvements include new sanitary force main intertie connection, civil site work, repair and replacement of existing pipes, valves, and wet well coating including adding a third discharge piping for a future third pump to accommodate future Phase 2 flows from the new Quail Valley Pump Station. The Oak Village Pump Station Improvements also include replacement of the aging existing standby generator and upsizing it to a new 125 KW generator.

Project Detail

Project Name: ROSEDALE CONYENANCE SYSTEM PROJECT

Project Number: 7026

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Michael Glass

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$4,917	\$0	\$150,000	\$0	\$0	\$800,000	\$8,000,000	\$8,000,000	\$0	\$16,800,000
Design and Engineering	\$518,215	\$207,983	\$400,000	\$200,000	\$800,000	\$200,000	\$0	\$0	\$0	\$1,000,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$63,305	\$71,295	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$57,175	\$0	\$0	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Other	\$2,030	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$28,630	\$661	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$617,097	\$337,114	\$550,000	\$200,000	\$1,300,000	\$1,000,000	\$8,000,000	\$8,000,000	\$0	\$18,300,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The City of Hillsboro has published their South Hillsboro Community Plan. This plan includes residential development in South Hillsboro and a pump station at the intersection of Rosedale Road and 229th Ave.

This project will be delivered using the District's Integrated Project Delivery Method, and includes the following aspects: A pump station with a firm capacity of 2.5 MGD, a 18-inch to 24-inch influent gravity trunk (at 8800 linear feet (LF) in length) that will take the Cross Creek Pump Station offline, and a 12-inch forcemain that is 4000-LF in length.

The downstream gravity system that this pump station force main will discharge into will be oversized and paid for via a Developer's Agreement.

Project Detail

Project Name: HELVETIA PUMP STATION & FORCEMAIN

Project Number: 6923

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Michael Glass

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000	\$2,500,000	\$0	\$3,500,000
Design and Engineering	\$0	\$0	\$100,000	\$150,000	\$0	\$500,000	\$250,000	\$100,000	\$0	\$850,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$46,243	\$36,128	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$8,300	\$0	\$0	\$400,000	\$0	\$0	\$0	\$0	\$400,000
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$12,268	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$58,511	\$44,428	\$100,000	\$150,000	\$400,000	\$500,000	\$1,250,000	\$2,600,000	\$0	\$4,750,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This pump station (PS) is planned to serve the Helvetia area including the currently operating data center. The initial capacity of the pump station will be 1.0 MGD with a build-out of 2.3 MGD. The project includes an approximately 3700-foot long 8-inch forcemain that will head east down Jacobson Road to a discharge manhole as well as a gravity pipe (requiring a creek crossing) that will connect the existing Country Haven PS to the new Jacobson PS. Once the new PS is operational, the Country Haven Pump Station will be able to be decommissioned.

The pump station siting study selected the recommended pump station site (TLID 1N2150000608), which is currently owned by Oregon Department of Transportation (ODOT). Negotiations between CWS and ODOT are currently in progress to acquire the site. Once an agreement is in place, this project will proceed with a predesign.

Project Detail

Project Name: PUMP STATION MISCELLANEOUS UPGRADES

Project Number: 6380

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Ramon Sera

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$192,894	\$22,920	\$0	\$0	\$30,000	\$0	\$0	\$0	\$0	\$30,000
Design and Engineering	\$15,580	\$146,518	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$118,214	\$21,422	\$0	\$0	\$20,000	\$0	\$0	\$0	\$0	\$20,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$349,104	\$27,974	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$1,512	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$93,470	\$27,052	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$770,778	\$246,886	\$0	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This "umbrella" project is a fund for multiple, miscellaneous upgrades that typically are too small to be their own CIP project and consist of various optimization, enhancement, safety, or other projects that improve operations and maintenance. Below is a list of anticipated projects for FY27:

1) Tektronix Pump Station - Remove valve vault lid, add wet well transducer/flowmeter/FM Pressure Transducer/Flodar/Basement Float/Generator Fuel Level. This project was approved as part of a FY25 Goalshare. Coordinate with R&I Department for additional instrumentation.

Project Detail

Project Name: BORLAND PUMP STATION SITE IMPROVEMENTS

Project Number:

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Michael Glass

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$0	\$0	\$500,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$100,000	\$50,000	\$0	\$0	\$150,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$100,000	\$550,000	\$0	\$0	\$650,000
Other Funding	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This is a Site Improvement Project which includes repair of a retaining wall, new landscaping, new fencing, and possibly increasing the volume of the influent gravity system.

Project Detail

Project Name: BULL MOUNTAIN PUMP STATION INFLUENT GRAVITY SEWER DIVERSION

Project Number:

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Michael Glass

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$750,000	\$0	\$0	\$750,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$150,000	\$0	\$0	\$0	\$150,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$150,000	\$750,000	\$0	\$0	\$900,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Residential Development will be constructing a gravity line that ends a few hundred feet from the Bull Mountain Pump Station. This project involves constructing a gravity line from the Bull Mountain Pump Station to the end of the Developer line. This new pipe should allow the District to decommission the Bull Mountain Pump Station.

The project should be coordinated with the NSES Project within the same area.

Project Detail

Project Name: CORNELIUS PUMP STATION IMPROVEMENTS PHASE 2

Project Number:

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Michael Glass

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$0	\$0	\$500,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$100,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$100,000	\$500,000	\$0	\$0	\$600,000
Other Funding	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Phase 1 of pump station improvements increased the pump station capacity from 4,800 gpm to 5,800 gpm. By 2025, continual growth of the Cornelius Basin will produce the need to increase the pump station capacity to 6,400 gpm. Phase 2 improvements can achieve this capacity by completing miscellaneous piping modifications and improvements to operationally use dual forcemains during storm events.

Other components of the upgrade are improving the safety and function of the wet well lid, upgrade the pump station to a PLC operation, improve the function of the generator fuel tank, and add instrumentation to bring the pump station to current District Standards.

Project Detail

Project Name: COUNCIL (DAIRY) CREEK PUMP STATION & FORCEMAIN

Project Number:

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Ramon Sera

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000	\$7,000,000	\$8,000,000
Design and Engineering	\$0	\$0	\$100,000	\$0	\$0	\$400,000	\$0	\$50,000	\$100,000	\$550,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$400,000	\$0	\$0	\$0	\$400,000
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$100,000	\$0	\$500,000	\$800,000	\$0	\$1,050,000	\$7,100,000	\$9,450,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This future pump station is needed to intercept flows heading to the Hillsboro WWTF and send it directly to the Rock Creek AWWTF. This strategy will be further detailed within the West Basin Facility Plan. This project will be completed in phases as outlined below:

- Pump Station Siting Study and Force Main Routing Study
- Preliminary Design Phase
- Final Design Phase
- Construction Phase

Project Detail

Project Name: DAWSON PUMP STATION UPGRADE

Project Number:

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Michael Glass

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$0	\$500,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000	\$0	\$100,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$550,000	\$0	\$600,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

It is anticipated that the Dawson Creek Pump Station will need to be upgraded due to increase of flow from Intel, infill in the Dawson Basin, flows from the New North Industrial Pump Station, and infill in the North Plains Basin.

Project Detail

Project Name: GASTON PUMP STATION UPGRADE AND FORCEMAIN REPLACEMENT Project Number:

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Michael Glass

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,000,000	\$4,000,000	\$8,000,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000	\$200,000	\$50,000	\$650,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000	\$4,200,000	\$4,050,000	\$8,650,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The City of Gaston has plans for residential development that will double the sanitary flows to the Gaston Pump Station. Recent storm events also indicate that the pump station is undersized. These two factors trigger the need to increase the capacity of the pump station. To achieve increased capacity, this project upsizes a portion of the forcemain.

In FY17, 11,400 feet of forcemain was replaced with mostly 10-inch HDPE, which is approximately one-third of the forcemain. The remaining 23,200 feet is in need of replacement. Replacement is needed to prevent pipe failures of the Gaston Forcemain and to accommodate the increased flows due to development. There have been multiple pipe failures in specific locations of the Gaston Forcemain in the last few years. Some failures have been caused by an outside influence puncturing the line and some because of abnormalities in the pipe. Examination of pipe samples upon failure and associated engineering analysis reveals that the pipe is coming to the end of its useful life and should be replaced in a systematic manner.

The project would replace the second one-third of forcemain (11,350-ft) with 16-inch DR17 HDPE pipe.

Project Detail

Project Name: MOBILE ODOR CONTROL TRAILER

Project Number:

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Paul Buckmaster

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

There are multiple projected pump stations that will most likely need chemical addition for odor control for a short duration. Rather than installation a permanent odor control system at each pump station, this project would build a mobile odor control system. The system would be built on a trailer and can be moved to the location that is the highest priority for odor control.

The project would be including the following equipment on a trailer:

- Chemical tote
- Chemical feed pumping system
- All necessary safety gear

Project Detail

Project Name: NORTH HILLSBORO PUMP STATION PHASE 2

Project Number:

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Ramon Sera

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The initial construction of the North Hillsboro Pump Station created a firm capacity of 1.5 MGD. This allowed for industrial growth within the pump station basin area. As the area continues to grow, it is anticipated that the pump station will need to be expanded to a firm capacity of 6.3 MGD.

This Phase 2 Project is for the design and construction of the expansion to the 6.3 MGD. The project includes upgrading all existing equipment, constructing an electrical and controls building, and extending the partially built 20-inch forcemain.

Project Detail

Project Name: RIVER RD PUMP STATION UPGRADE

Project Number:

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Ramon Sera

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$0	\$0	\$500,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$200,000	\$0	\$0	\$0	\$200,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$200,000	\$500,000	\$0	\$0	\$700,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This pump station includes the following changes that improve the operation and maintenance of the pump station:

- Upsize the two submersible pumps
- Replace the two dri-prime pumps (or see if four submersibles are possible)
- Adjust the wet well base contours
- Replace the Generator and ATS
- Improve the maintenance access for the valve vault lid

Project Detail

Project Name: RIVER TERRACE NORTH FORCEMAIN EXTENSION

Project Number:

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Ramon Sera

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000,000	\$5,000,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$300,000	\$20,000	\$420,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$300,000	\$5,020,000	\$5,420,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The existing 12-inch River Terrace North 2nd Forcemain will be extended down Roy Rogers and Beef Bend Road approximately 10,000-LF.

Project Detail

Project Name: RIVER TERRACE SOUTH DEVELOPER SITE IMPROVEMENTS
 Project Subtype: Pump Stations (Treatment)
 Project Manager: Ramon Sera
 Department/Program: WRRD

Project Number:
 Fund: 112 - Sanitary Sewer Construction Fund
 Project Status: Candidate

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Design and Engineering	\$0	\$0	\$25,000	\$0	\$80,000	\$0	\$0	\$0	\$0	\$80,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$25,000	\$0	\$330,000	\$0	\$0	\$0	\$0	\$330,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The area surrounding the River Terrace South Pump Station is being developed into a residential area. The development will introduce new features to the pump station site such as having neighbors, having potable water, having recycled water, and having a new entrance. This project will improve the pump station site, due to these new features.

The following improvements will be designed and constructed by the Developer:

- New potable water meter connection
- New non-potable water connection
- New Roy Rogers Rd driveway with a cantilever rolling access gate, a personnel access gate, entrance re-grading, and new concrete sidewalk fronting Roy Rogers Rd
- New chain link fencing surrounding the entire pump station site
- New ARV-2 relocation
- New street lighting fronting Roy Rogers Rd
- Design only of a new eastern access driveway and double swing gate. The District will hire a contractor and pay for the installation of the new eastern driveway extension and double swing gate.

The following improvements will be designed and constructed by the District:

- New a vector truck fill station
- Additional light pole
- New pump hose down area
- New combination emergency shower and eyewash
- New electrical water heater tank and plumbing appurtenances for tepid water required for emergency shower & eyewash
- New control building HVAC
- New restroom inside the existing control building
- Wet well exhaust fan and ducting to an odor barrel for odor control
- Wet well odologger for continuous H2S monitoring

Project Detail

Project Name: RIVER TERRACE WEST PUMP STATION AND FORCEMAIN

Project Number:

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Ramon Sera

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The River Terrace West Pump Station is a proposed residential development driven pump station located within the City of Tigard. It was identified in the Clean Water Services East Basin Facility Plan.

The pump station is approximately sized at 1.0 MGD with a 3200 linear feet of 6-inch diameter forcemain.

Project Detail

Project Name: SW TUALATIN PUMP STATION & FORCEMAIN

Project Number:

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Michael Glass

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000	\$300,000	\$500,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000	\$300,000
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000	\$0	\$0	\$200,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000	\$200,000	\$600,000	\$1,000,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The SW Tualatin Pump Station and Force Main Project is a proposed pump station in southwest Tualatin. It will be within the Basalt Creek Area. The pump station is residential development driven.

It is anticipated that the pump station will be 1.7 MGD and have 1300-feet of 10-inch force main.

Project Detail

Project Name: FANNO CREEK BASIN I/I ABATEMENT

Project Number: 7178

Project Subtype: Rehabilitation

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Wade Denny

Project Status: Open

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000,000	\$3,000,000	\$3,000,000	\$9,000,000
Design and Engineering	\$125,217	\$362,456	\$500,000	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$103,318	\$109,361	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$29	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$228,535	\$471,846	\$500,000	\$200,000	\$0	\$0	\$3,000,000	\$3,000,000	\$3,000,000	\$9,000,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

In FY22, the 2020 Durham Facilities plan identified infiltration and inflow (I/I) removal targets for the Durham Basin for the small diameter sanitary system. This project will act as an umbrella fund to design and construct the I/I rehab projects identified within the target basins in order to complete the targeted level of I/I reduction over the next 10-15 fiscal years. Preliminary engineering will begin in FY26 with construction beginning on the first umbrella project starting in FY29 and continuing until FY33. Currently the phasing plan anticipates 5 phases of the project and each phase is anticipated to spend between \$3 to 3.5 million.

Project Detail

Project Name: FOREST GROVE REHABILITATION PHASE 3 - PACIFIC AVENUE & BIRCH STREET

Project Number: 7153

Project Subtype: Rehabilitation

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Kyle Kirwan

Project Status: Open

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$1,500,000	\$1,000,000	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000
Design and Engineering	\$0	\$0	\$50,000	\$50,000	\$20,000	\$0	\$0	\$0	\$0	\$20,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$1,572	\$28,738	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$1,572	\$28,738	\$1,550,000	\$1,050,000	\$1,020,000	\$0	\$0	\$0	\$0	\$1,020,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project includes the rehabilitation of a portion of the maintenance hole (MH) 20399 basin previously designated for rehabilitation. The project will include approximately 4,000 linear feed (LF) of pipe and the associated maintenance holes and service laterals. Most of the rehabilitated pipe is 8" clay or concrete pipe and will be rehabilitated through pipe bursting. The project will also utilize federal grant money to pay for a portion of the project.

Project Detail

Project Name: MONTCLAIR AREA SEWER REPAIR

Project Number: 6981

Project Subtype: Rehabilitation

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Kyle Kirwan

Project Status: Open

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$500,000	\$1,300,000	\$0	\$0	\$1,800,000
Design and Engineering	\$0	\$0	\$180,000	\$100,000	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$50,000	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$230,000	\$100,000	\$250,000	\$500,000	\$1,300,000	\$0	\$0	\$2,050,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Montclair Neighborhood is currently being served by a 6-Inch and 8-inch diameter sanitary sewer system, totaling approximately 17,000 linear feet (LF) in length. The sanitary sewer system is in poor condition and CCTV inspections have shown high defect Pipeline Assessment Certification Program (PACP) ratings related to structural, root, and infiltration and inflow (I/I) defects. In addition, many of the sanitary sewer mains are located between properties along established backyards with mature trees, hedges, and hardscapes presenting access problems for maintenance crews. A large percentage of the sewer mains in this neighborhood are also on the Root List and require foaming.

Project Detail

Project Name: CANYON CREEK SEWER IMPROVEMENTS

Project Number: 6977

Project Subtype: Rehabilitation

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Kyle Kirwan

Project Status: Open

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$650,000	\$800,000	\$300,000	\$0	\$1,750,000
Design and Engineering	\$0	\$0	\$250,000	\$300,000	\$400,000	\$200,000	\$20,000	\$0	\$0	\$620,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$26,616	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$26,616	\$300,000	\$300,000	\$400,000	\$850,000	\$820,000	\$300,000	\$0	\$2,370,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project will include an alternatives analysis to address three 10-inch sewer mains, one 8-inch sewer main, and two sanitary maintenance holes that are exposed within the Canyon Creek corridor in Unincorporated Washington County. A consultant has been chosen to perform the work and is part one of a two-part design approach.

Project Detail

Project Name: ALOHA I/I

Project Number: 6918

Project Subtype: Rehabilitation

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Kyle Kirwan

Project Status: Open

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000	\$1,500,000	\$3,000,000
Design and Engineering	\$0	\$0	\$0	\$1,000	\$0	\$0	\$0	\$200,000	\$200,000	\$400,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$3,823	\$370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$3,823	\$370	\$0	\$1,000	\$0	\$0	\$0	\$1,700,000	\$1,700,000	\$3,400,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The project will serve as an umbrella fund to rehabilitate approximately 14.3 miles of sanitary sewer in the basin tributary to the Aloha pump station. Additional infiltration and inflow (I/I) rehabilitation within the Aloha 3 basin may be completed in the future as a spin-off of this project upon further flow monitoring and investigation.

Project Detail

Project Name: BROADMOOR SANITARY SEWER REPLACEMENT

Project Number: 6767

Project Subtype: Rehabilitation

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Kyle Kirwan

Project Status: Open

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	(\$77,611)	\$0	\$1,600,000	\$200,000	\$1,400,000	\$0	\$0	\$0	\$0	\$1,400,000
Design and Engineering	\$0	\$0	\$10,000	\$100,000	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$21,970	\$57,963	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$25,565	\$70,000	\$40,000	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	(\$55,641)	\$83,528	\$1,680,000	\$340,000	\$1,450,000	\$0	\$0	\$0	\$0	\$1,450,000
Other Funding	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Broadmoor Neighborhood, near Beaverton-Hillsdale Highway and SW 78th Avenue, is served by an 8-inch sanitary sewer system that is in poor condition. TV inspections reveal high Pipeline Assessment Certification Program (PACP) defect ratings related to structural, root, and infiltration and inflow (I/I) observations. Due to the poor condition, additional maintenance is required to avoid blockages. The project consists of rehabilitation of approximately 8,000 linear feet of 6 & 8-inch sanitary sewer main. Many of the sanitary sewer mains are difficult to access due to being located between properties or within backyards with mature trees, hedges, and hardscapes which presents access problems for maintenance crews. The project has been partially rehabilitated with pipe burst and open cut. The rest is scheduled for CIPP rehab. Point repairs have been completed by Field Operations to allow CIPP to be installed.

Project Detail

Project Name: ALOHA REHABILITATION - TWIN TRUNKS

Project Number:

Project Subtype: Rehabilitation

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Kyle Kirwan

Project Status: Candidate

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$1,600,000	\$0	\$0	\$0	\$1,600,000
Design and Engineering	\$0	\$0	\$0	\$0	\$200,000	\$200,000	\$0	\$0	\$0	\$400,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$200,000	\$1,800,000	\$0	\$0	\$0	\$2,000,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project will involve the rehab of the twin trunks within Butternut Creek and this will involve the rehab of the pipeline and maintenance holes between 209th and 198th.

Project Detail

Project Name: BANKS I&I ABATEMENT

Project Number:

Project Subtype: Rehabilitation

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Kyle Kirwan

Project Status: Candidate

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$700,000	\$0	\$0	\$0	\$0	\$700,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$700,000	\$0	\$0	\$0	\$0	\$700,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Banks pump station records indicate higher than expected peaking factors during rainfall events. The immediate upstream area of the pump station was determined as the most likely candidate for infiltration and inflow (I/I) rehabilitation. These pipes will be evaluated for the best method of construction and will be rehabilitated with this project.

Project Detail

Project Name: CROSS CREEK TRUNK TRIBUTARY RD I/I REDUCTION

Project Number:

Project Subtype: Rehabilitation

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Kyle Kirwan

Project Status: Candidate

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000	\$200,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$0	\$50,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$200,000	\$250,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project is planned within the next 5 years to rehabilitate an estimated 5.4 miles of 8 to 12-inch piping and associated laterals above the Cross Creek pump station; rehabilitation of mainlines and laterals to be prioritized based on CCTV inspection and/or flow monitoring.

Project Detail

Project Name: EAST BASIN I/I PHASE 1

Project Number:

Project Subtype: Rehabilitation

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Wade Denny

Project Status: Candidate

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$3,000,000	\$0	\$0	\$0	\$3,000,000
Design and Engineering	\$0	\$0	\$0	\$0	\$450,000	\$100,000	\$0	\$0	\$0	\$550,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$450,000	\$3,100,000	\$0	\$0	\$0	\$3,550,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Phase 1 of this project will involve the rehab of the sanitary sewer in the vicinity of the Metzger Trunk area. Scope of project will be further developed during the fiscal year based on the findings of the pre-design work.

Project Detail

Project Name: FANNO CREEK INTERCEPTOR REHABILITATION

Project Number:

Project Subtype: Rehabilitation

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Wade Denny

Project Status: Candidate

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$700,000	\$700,000	\$1,400,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000	\$250,000
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$700,000	\$950,000	\$1,650,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The 2021 Durham Facilities Plan identified the Fanno Interceptor as needing rehabilitation in order to support the planned capacity needs of the basin. This project will involve the rehabilitation of approximately 50,000 linear feet (LF) of 60, 48, and 36 diameter pipes, the associated maintenance holes (MH) improvements, access improvements and vegetation enhancement along the Fanno Creek Corridor. This project is planned to be designed between FY30 and FY32 with construction beginning in FY32 to FY37.

Project Detail

Project Name: FOREST GROVE SYSTEM WIDE RDI/I REDUCTION - PLACEHOLDER

Project Number:

Project Subtype: Rehabilitation

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Kyle Kirwan

Project Status: Candidate

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$0	\$2,000,000	\$4,000,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000	\$0	\$200,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$0	\$50,000
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$250,000	\$2,000,000	\$4,250,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project will identify and rehabilitate approximately 4.5 miles of mainlines and laterals, within the City of Forest Grove, to be prioritized based on CCTV inspection and/or flow monitoring and this project will act as an umbrella project. Design of this project will begin in FY29 and continue through FY30: it's anticipated that construction will begin in FY29 and continue every other year through FY35. Each project phase will involve the rehabilitation of 1.1 miles of sewer system and future projects will be spun off of this fund when they are identified.

Project Detail

Project Name: TURNER CREEK TRUNK TRIBUTARY RDI/I REDUCTION-PLACEHOLDER Project Number:

Project Subtype: Rehabilitation

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Wade Denny

Project Status: Candidate

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000	\$1,000,000	\$2,000,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000	\$1,000,000	\$2,000,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project will rehabilitate an estimated 3.6 miles of 8 to 12-inch piping and associated laterals within the Turner Creek Trunk Line basin; rehabilitation of mainlines and laterals to be prioritized based on CCTV inspection and/or flow monitoring. Work will be performed in conjunction with the City of Hillsboro.

Project Detail

Project Name: SHERWOOD TRUNK IMPROVEMENTS-ROY ROGERS RD TO WASHINGTON ST

Project Number: 7393

Project Subtype: Sanitary Collection System

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Allen Perlin

Project Status: Open

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000	\$4,000,000	\$5,500,000
Design and Engineering	\$0	\$0	\$0	\$0	\$100,000	\$500,000	\$200,000	\$50,000	\$50,000	\$900,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$333,000	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$333,000	\$200,000	\$100,000	\$500,000	\$200,000	\$1,550,000	\$4,050,000	\$6,400,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project involves the upsizing of approx. 8,200 linear feet (LF) of 21-inch through 30-inch sanitary sewer along Cedar Creek to provide capacity for future development in the Sherwood expansion areas. An evaluation will initially be performed to determine flows, examine development potential and timing, and prepare alternative project approaches. Following the alternatives analysis, a more detailed and scheduled project budget for planning, design, and construction will be developed. Project is oversized for long-term growth including future service to the Undesignated Reserve south of Brookman Rd in Sherwood

Project Detail

Project Name: TURNER CREEK TRUNK PHASE1 (LOWER SECTION)

Project Number: 7382

Project Subtype: Sanitary Collection System

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Doug Gresham

Project Status: Open

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$3,750,000	\$7,500,000	\$3,250,000	\$14,500,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$750,000	\$750,000	\$100,000	\$100,000	\$1,700,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$250,000	\$250,000	\$0	\$0	\$500,000
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$10,000	\$100,000	\$400,000	\$0	\$0	\$0	\$0	\$400,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$10,000	\$100,000	\$400,000	\$1,000,000	\$4,750,000	\$7,600,000	\$3,350,000	\$17,100,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The West Basin Master Plan confirmed that the Turner Creek Trunk sewer is capacity deficient.

Phase 1 upsizes 4600 linear feet (LF) of 24 and 30-inch sewer to 36-inches.

This integrated project will be constructed along Rock Creek and Turner Creek and will require an extensive evaluation to confirm future design flows, alignment, and phasing limits.

The anticipated sizing is based upon conducting upstream infiltration and inflow (I&I) reduction to a 25,000 GPAD threshold.

The project evaluation will involve analysis of upstream I&I in order to correctly size the sewer.

Project Detail

Project Name: BEAVERTON TRUNK SANITARY UPGRADE

Project Number: 7367

Project Subtype: Sanitary Collection System

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Doug Gresham

Project Status: Open

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$2,250,000	\$7,500,000	\$7,500,000	\$17,250,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$1,000,000	\$1,000,000	\$100,000	\$100,000	\$2,200,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000	\$0	\$0	\$1,000,000
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$500,000	\$200,000	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$500,000	\$200,000	\$500,000	\$1,500,000	\$3,750,000	\$7,600,000	\$7,600,000	\$20,950,000
Other Funding	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The West Basin Master Plan identified the upstream 8,300 linear feet as the highest priority to be implemented as phase 1.

The 48-inch Beaverton Trunk sewer between 170th Avenue and Pheasant Lane west of SW 185th Ave shows surcharging in the 5-year return event in existing and 2025 development conditions. The upstream Cedar Mill Trunk has been upsized to 48" and the Beaverton Trunk is 66" dia. This project is along Beaverton Creek corridor and through adjacent wetlands. The existing 48-inch sewer west of SW 170th Avenue will be upsized to 66-inch and 72-inch.

An evaluation will initially be performed to determine flows, examine development potential and timing, and prepare alternative project approaches. Following the alternatives analysis, a more detailed and scheduled project budget for planning, design, and construction will be developed. The initial evaluation will include preliminary evaluation of future recommended phases to determine favorable limits to each project phase.

Project Detail

Project Name: FOOTHILL DR (COMMONWEALTH LAKE) SANITARY UPGRADE

Project Number: 7207

Project Subtype: Sanitary Collection System

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Doug Gresham

Project Status: Open

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$540	\$0	\$750,000	\$100,000	\$900,000	\$0	\$0	\$0	\$0	\$900,000
Design and Engineering	\$0	\$17,331	\$0	\$30,000	\$10,000	\$0	\$0	\$0	\$0	\$10,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$3,960	\$40,512	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$2,808	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$7,308	\$57,843	\$750,000	\$130,000	\$910,000	\$0	\$0	\$0	\$0	\$910,000
Other Funding	\$750,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

In FY23, planning began for a capacity improvement consisting of upsizing 1,587 linear feet (LF) of existing 10-inch diameter sanitary sewer pipeline to 12-inch diameter within Commonwealth Lake Park. Construction of the mainline, along with the associated structures, will provide adequate sanitary sewer capacity to meet future conditions. This project area was analyzed using flow monitor data to determine if infiltration and inflow (I/I) abatement would offset the identified and verified capacity deficiency in FY21. The results of this monitoring yielded rates of I/I that were below the threshold to offset the planned 2035 capacity upgrade. Construction is anticipated in late summer/fall of 2026.

Project Detail

Project Name: METZGER/FANNO INTERCEPTOR UNDER RRX (D-340)

Project Number: 7138

Project Subtype: Sanitary Collection System

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Doug Gresham

Project Status: Open

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$24,906	\$0	\$0	\$0	\$7,000,000	\$5,000,000	\$0	\$0	\$12,000,000
Design and Engineering	\$0	\$345,563	\$1,300,000	\$500,000	\$1,500,000	\$100,000	\$100,000	\$0	\$0	\$1,700,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$91,149	\$107,461	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$600,000	\$0	\$1,000,000	\$400,000	\$0	\$0	\$0	\$1,400,000
Other	\$3,236	\$3,297	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$94,385	\$481,227	\$1,900,000	\$500,000	\$2,500,000	\$7,500,000	\$5,100,000	\$0	\$0	\$15,100,000
Other Funding	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The existing Metzger trunk is a 30-inch and 27-inch trunk sewer extending for 6,600 linear feet (LF) from its connection to the Fanno Interceptor. This line was constructed in 1966. It regularly experiences surcharges and has historically overflowed during less than 5-year storm events. A storage structure was constructed nearby in Spruce Street to prevent further overflows. This project will replace 6,660 linear feet of 30-inch and 27-inch sewer with 42-inch and 36-inch sewer to meet current and future capacity needs. This is an integrated project with planned improvements to Ash Creek and its connected wetlands and floodplain. The project team is also looking to use community demographic information to tailor a public outreach plan that fits the needs of the surround community. Project benefits and impacts will be weighed to ensure equitable outcomes for the community. FY25 will include preliminary engineering and data collection. This work will vet the report District staff completed in FY23-24 when the Integrated Project Delivery Plan was developed. FY26 will take the designs developed in the preliminary engineering through final engineering and permitting. Construction will take place in FY27 and FY28. Estimated costs are \$2.5M for engineering and \$9M-\$20M for construction.

Project Detail

Project Name: BROOKMAN TRUNK SEWER EXTENSION

Project Number: 6966

Project Subtype: Sanitary Collection System

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Doug Gresham

Project Status: Open

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$74,791	\$4,107	\$7,500,000	\$5,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000
Design and Engineering	\$618,019	\$235,527	\$50,000	\$300,000	\$30,000	\$0	\$0	\$0	\$0	\$30,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$165,563	\$278,099	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$367,768	\$50,000	\$700,000	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$4,697	\$1,863	\$0	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$19,367	\$1,031	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$882,437	\$888,395	\$7,600,000	\$6,250,000	\$2,030,000	\$0	\$0	\$0	\$0	\$2,030,000
Other Funding	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project will extend a sanitary trunk sewer approximately 9,800 linear feet (LF) 12"-21" diameter pipe from its current south terminus in Cedar Creek within the City of Sherwood's Brookman annexation area. It will extend through and serve the Brookman annexation area, following Cedar and Goose Creeks, cross Hwy 99W, then continue northerly to serve the new Sherwood High School. All design and permitting tasks have been completed. Easement acquisition has been completed. The project is moving into the second year of construction. This project will be collaboratively managed with the City of Sherwood. Construction began in spring of 2025 and is anticipated to be completed by the fall of 2026.

Project Detail

Project Name: CEDAR MILL TRUNK RELOCATION AT MURRAY/WALKER

Project Number: 6826

Project Subtype: Sanitary Collection System

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Kyle Kirwan

Project Status: Open

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$270,000	\$0	\$900,000	\$0	\$0	\$0	\$0	\$900,000
Design and Engineering	\$0	\$0	\$20,000	\$40,000	\$30,000	\$0	\$0	\$0	\$0	\$30,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$30,000	\$0	\$0	\$0	\$30,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$11,632	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$11,632	\$290,000	\$40,000	\$930,000	\$30,000	\$0	\$0	\$0	\$960,000
Other Funding	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The project will relocate and upsize a total of 1495 linear feet (LF) of the Cedar Mill Trunk from 36-inches to 48-inches along with 375 feet of 8-inch gravity sewer and 9 maintenance holes (MH) to alleviate a utility conflict with the proposed Walker Road widening by Washington County. The County is proposing to replace a box culvert with a new bridge which will interfere with an existing maintenance hole within SW Walker Road. Several alternatives were explored to relieve the conflict resulting in a preferred option to bore under Murray Blvd. The project will start at the intersection of SW Walker Road and SW Far Vista Road and terminate on the NIKE World Campus. During coordination with NIKE, it was determined there is significant construction occurring in the northeast corner of their campus making any sewer upgrades in this area timely. Therefore, the project was extended to take advantage of this opportunity.

The District completed the majority of the sanitary sewer relocation from SW Far Vista Road, west into the NIKE property. However, to complete the project, a portion of the construction will require significant coordination with the County, including an intergovernmental agreement (IGA) to install the sewer within Walker Road as a part of the roadway project.

Project Detail

Project Name: ALOHA PUMP STATION UPSTREAM TRUNK AND TRIBUTARIES

Project Number:

Project Subtype: Sanitary Collection System

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Doug Gresham

Project Status: Candidate

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,750,000	\$7,500,000	\$11,250,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$1,000,000	\$1,000,000	\$0	\$0	\$2,000,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$300,000	\$700,000	\$0	\$0	\$1,000,000
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$500,000	\$1,300,000	\$1,700,000	\$3,750,000	\$7,500,000	\$14,750,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project will upsize two sections of the sewer above the Aloha III Pump Station. This area experiences high rainfall-derived infiltration and inflow (RDI/I) which is driving the need to upsize the trunk line. The first section is 1,300 linear feet (LF) of 8-inch sewer which will be upsized to 12 and 15-inch sewer, located in SW 179th Ave. The second section is the Butternut Creek Trunk line where 3400 LF of 24-inch sewer will be upsized to 27 to 30-inch sewer.

Project Detail

Project Name: CROSS CREEK PUMP STATION TRIBUTARY TRUNK

Project Number:

Project Subtype: Sanitary Collection System

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Doug Gresham

Project Status: Candidate

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000	\$200,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000	\$200,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project will upsize the trunk line upstream from the Cross Creek Pump Station. The project will upsize 350 linear feet (LF) of 8-inch existing sewer to 10-inch sewer, upsize 1500 LF of 8-inch existing to 15-inch sewer, upsize 1700 LF of 8-inch existing sewer to 18-inch sewer and upsize 300 LF of existing 12-inch sewer to 24-inch. This capacity improvement is needed to accommodate flows from future development coming from the Cooper Mountain North area and high rain-derived infiltration and inflow (RDI/I) rates within the existing basin.

Project Detail

Project Name: TURNER CREEK TRUNK PHASE 2 (MIDDLE SECTION)

Project Number:

Project Subtype: Sanitary Collection System

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Doug Gresham

Project Status: Candidate

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000	\$600,000	\$620,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000	\$600,000	\$620,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The West Basin Master Plan confirmed that the Turner Creek Trunk sewer is capacity deficient.

Phase 2 upsizes 6600 linear feet (LF) of sewer consisting of 4300 LF of 18-inch sewer to 24 inches, 1200 LF of 18-inch sewer to 30 inches, and 1100 LF of 24-inch sewer to 36 inches.

This integrated project will be constructed along Turner Creek and will require an extensive evaluation to confirm future design flows, alignment, and phasing limits.

The anticipated sizing is based upon conducting upstream infiltration and inflow (I&I) reduction to a 25,000 GPAD threshold.

The project evaluation will involve analysis of upstream I&I in order to correctly size the sewer.

Project Detail

Project Name: CENTRAL BUILDING UPGRADES

Project Number: 7316

Project Subtype: Facilities Management Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Marc Franck

Project Status: Open

Department/Program: Business Svcs - Facilities

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$17,302	\$0	\$2,200,000	\$5,000,000	\$0	\$0	\$0	\$0	\$5,000,000
Design and Engineering	\$0	\$178,905	\$250,000	\$380,000	\$190,000	\$0	\$0	\$0	\$0	\$190,000
Equipment and Materials	\$0	\$25,621	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$39,033	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$205,849	\$2,250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$466,710	\$2,500,000	\$2,580,000	\$5,190,000	\$0	\$0	\$0	\$0	\$5,190,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Tenant improvements for the new CWS Central office building will include reconfiguring department work areas, adding offices, expanding locker room space, creating conference rooms, and enhancing acoustics and lighting. The project also covers associated mechanical, electrical, and plumbing upgrades. Construction is expected to begin in FY26 and be complete in FY27.

FY27 planned projects include:

Lower parking lot security gate. \$100,000

Furnishings. \$1,000,000

Tenant improvements: remaining of the budget estimate.

Project Detail

Project Name: FOREST GROVE FACILITY UPGRADES

Project Number: 7185

Project Subtype: Facilities Management Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Marc Franck

Project Status: Open

Department/Program: Business Svcs - Facilities

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$25,000	\$0	\$75,000	\$0	\$0	\$0	\$0	\$75,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$2,950	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$2,950	\$0	\$25,000	\$0	\$75,000	\$0	\$0	\$0	\$0	\$75,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This is an umbrella project for miscellaneous upgrades projects at the Forest Grove facility.

FY27 Planned projects include:

Security access system new install at O&M building. \$75,000

Project Detail

Project Name: ROCK CREEK FACILITY UPGRADES

Project Number: 7182

Project Subtype: Facilities Management Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Marc Franck

Project Status: Open

Department/Program: Business Svcs - Facilities

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$14,981	\$0	\$50,000	\$0	\$125,000	\$0	\$0	\$0	\$0	\$125,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$17,354	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$463	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$32,798	\$0	\$50,000	\$0	\$125,000	\$0	\$0	\$0	\$0	\$125,000
Other Funding	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This umbrella project to cover miscellaneous facility upgrade projects at the Rock Creek Facility.

Planned upgrades include:

Security system new installation at RC O&M. \$75,000

Install automated opener on east construction entrance gate. \$50,000

Project Detail

Project Name: DURHAM FACILITY UPGRADES

Project Number: 7176

Project Subtype: Facilities Management Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Marc Franck

Project Status: Open

Department/Program: Business Svcs - Facilities

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$14,981	\$0	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$7,973	\$12,714	\$0	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$381	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$23,335	\$12,714	\$25,000	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Other Funding	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This umbrella project to cover miscellaneous facility upgrade projects at the Durham facility.

FY27:

Upgrade existing double door pair in the tunnel with a roll down fire door connected to the fire alarm system. \$50,000

Project Detail

Project Name: LANDSCAPE IMPROVEMENTS AND UPGRADES Project Number: 7036
 Project Subtype: Facilities Management Projects Fund: 112 - Sanitary Sewer Construction Fund
 Project Manager: Marc Franck Project Status: Open

Department/Program: Business Svcs - Facilities

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$361,128	\$176,450	\$340,000	\$270,000	\$565,000	\$450,000	\$300,000	\$200,000	\$200,000	\$1,715,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$1,883	\$918	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$34,934	\$11,278	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$397,945	\$188,646	\$340,000	\$270,000	\$565,000	\$450,000	\$300,000	\$200,000	\$200,000	\$1,715,000
Other Funding	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This CIP includes major landscape and irrigation upgrades and new projects that were formerly budgeted under individual large capital projects. In addition this project will include minor landscape upgrades and additions including irrigation system improvements and/or additions. This umbrella project will include task numbers to identify each project.

FY '27: \$565,000 total, major projects identified to include:

\$200,000 RC PC #4 landscape Phase 2

\$140,000 FG Primary clarifier landscape Phase 1

\$60,000 DM HW biofilter landscape

\$25,000 RIPL landscape restoration

\$25,000 RC Biofilter

\$25,000 RC Compressed Natural Gas

\$20,000 RT south irrigation

\$10,000 Cornelius PS

\$10,000 Butternut Ph 2

Labor: \$50,000 (for in-house design, construction inspection, and project documentation)

FY '28: \$450,000

Major Projects identified to include:

\$150,000 DM Digester landscape

\$65,000 Springer St building

\$50,000 RC PC #4 landscape Phase 3

\$50,000 DM Primary Sludge PS landscape

\$50,000 FG Primary landscape phase 2

\$35,000 FG solids landscape

Labor: \$50,000 (for in-house design, construction inspection, and project documentation)

Project Detail

Project Name: INNOVATION CENTER (TTM Building Remodel)

Project Number: 7018

Project Subtype: Facilities Management Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Perry Sunderland

Project Status: Open

Department/Program: Business Svcs - Facilities

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$555,342	\$13,663,941	\$30,000,000	\$30,000,000	\$11,000,000	\$0	\$0	\$0	\$0	\$11,000,000
Design and Engineering	\$1,673,595	\$1,061,726	\$1,000,000	\$1,000,000	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Equipment and Materials	\$145	\$0	\$0	\$0	\$1,500,000	\$0	\$0	\$0	\$0	\$1,500,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$177,722	\$296,002	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$76,896	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$6,842	\$128,443	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$7,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$2,420,646	\$15,227,008	\$31,000,000	\$31,000,000	\$13,000,000	\$0	\$0	\$0	\$0	\$13,000,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Clean Water Services' Laboratory Project will construct the District's future regulatory compliance laboratory. The project includes renovating the existing two-story, 62,300-square-foot building and adding a seismically resilient north addition to house mechanical, electrical, and plumbing support systems for the laboratory. The facility will meet all current analytical requirements and provide additional space for anticipated future analyses. The second floor will feature office support areas and training rooms. The project is in construction and is anticipated to be complete in fiscal year 2026-2027.

Project Detail

Project Name: SPRINGER STREET FACILITY IMPROVEMENTS

Project Number: 6965

Project Subtype: Facilities Management Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Karen Bill

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$940,022	\$63,303	\$0	\$0	\$1,000,000	\$11,500,000	\$6,500,000	\$0	\$0	\$19,000,000
Design and Engineering	\$501,632	\$414,896	\$900,000	\$760,000	\$100,000	\$500,000	\$400,000	\$0	\$0	\$1,000,000
Equipment and Materials	\$14,546	\$0	\$0	\$0	\$0	\$0	\$500,000	\$0	\$0	\$500,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$164,418	\$29,459	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$21,621	\$5,948	\$0	\$0	\$0	\$0	\$300,000	\$0	\$0	\$300,000
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$1,642,335	\$513,606	\$900,000	\$760,000	\$1,100,000	\$12,000,000	\$7,700,000	\$0	\$0	\$20,800,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Springer Street Facility Improvements will support the Construction Field Operation and Pump Station Maintenance groups with a new operations building, improvements to the existing storage and logistics support building, covered construction equipment and service equipment structures, and construction operation and logistical support spaces. In addition, the new resilient facility will also support District emergency field operations. Final design is anticipated to be completed in FY26 and construction is planned to begin in FY27.

Project Detail

Project Name: FIELD OPS FACILITY UPGRADES

Project Number: 6931

Project Subtype: Facilities Management Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Marc Franck

Project Status: Open

Department/Program: Business Svcs - Facilities

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$6,237	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$478	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$70,000	\$0	\$80,000	\$0	\$0	\$0	\$0	\$80,000
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$6,715	\$0	\$70,000	\$0	\$80,000	\$0	\$0	\$0	\$0	\$80,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This umbrella project covers miscellaneous facility upgrade projects at the Merlo facility.

Planned projects include:

Install of two ChargePoint EV chargers \$50,000

Install electrical service for permanent fuel\DEF island \$30,000

Project Detail

Project Name: DURHAM TREATMENT PLANT SERVICES SECURITY FENCING IMPROVEMENTS

Project Number:

Project Subtype: Facilities Management Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Marc Franck

Project Status: Candidate

Department/Program: Business Svcs - Facilities

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

To improve security and safety, this project will install decorative security fencing around the Durham Treatment Plant Services (DM TPS) building. Over the past year, we have experienced an increase in homeless encampments on and adjacent to the property. There have also been incidents of drug use around the building and vehicles speeding through the parking lot. In addition, we have observed undesirable after-hours activity in both the park and the parking lot. As a result, employees at DM TPS no longer feel safe using the outdoor areas surrounding the facility.

Project Detail

Project Name: VEGETATION MATERIAL HANDLING FACILITY IMPROVEMENTS

Project Number: 7284

Project Subtype: Facilities

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Jill Erickson

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$46,420	\$54,936	\$0	\$0	\$0	\$0	\$1,500,000	\$2,000,000	\$1,300,000	\$4,800,000
Design and Engineering	\$0	\$0	\$400,000	\$100,000	\$100,000	\$600,000	\$0	\$0	\$0	\$700,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$344	\$62,661	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$80,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$46,764	\$117,597	\$480,000	\$100,000	\$100,000	\$600,000	\$1,500,000	\$2,000,000	\$1,300,000	\$5,500,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project will construct facility improvements for the Stewardship Program's Plant Material Program at a site to be determined requiring approximately five acres. Driving improvements is the need for reliable refrigerated plant material storage which is necessary to sustain project delivery and stewardship program operations to comply with Permit regulations. Project also includes permanent restroom facilities and septic system.

Project Detail

Project Name: FIELD OPERATIONS MERLO SEISMIC RESILIENCY IMPROVEMENTS

Project Number:

Project Subtype: Facilities

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Perry Sunderland

Project Status: Open

Department/Program: Business Svcs - Facilities

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000	\$750,000	\$0	\$1,000,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$20,000	\$0	\$120,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$40,000	\$0	\$0	\$0	\$40,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$40,000	\$350,000	\$770,000	\$0	\$1,160,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project will implement prior seismic resiliency work on the Field Operations Facility at Merlo to ensure continuity of operations during a seismic event or other natural disaster.

Project Detail

Project Name: GREEN ENERGY TECHNOLOGY

Project Number:

Project Subtype: Facilities Management Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Perry Sunderland

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$300,000	\$450,000	\$0	\$0	\$0	\$750,000
Design and Engineering	\$0	\$0	\$0	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$500,000	\$450,000	\$0	\$0	\$0	\$950,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Oregon state law (ORS 279C.527-528) requires public bodies that construct a new building or complete major renovations with a total contract price greater than \$5 million spend at least 1.5% of total contract price on green energy technology or an eligible alternative. This project holds funds to comply with this requirement.

Project Detail

Project Name: SECURING & MAINTAINING WATER RIGHTS

Project Number: 7336

Project Subtype: Legal

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Caroline Lobdell

Project Status: Open

Department/Program: Office of CEO - Legal

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$5,847	\$100,000	\$100,000	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$5,847	\$100,000	\$100,000	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The District has water rights associated with property owned by the District, our discharges, and for select restoration projects. These rights may provide for irrigation or instream benefits and used for offsetting thermal loads. This project will "prove up" the rights to the Dairy Creek Confluence and Coyote Hill District properties from potential forfeiture as required by the state of Oregon WRD. This project will establish processes for future proving up to ensure long term viability of water rights.

Project Detail

Project Name: WILLIAMS CREEK- LOGGING CREEK TO RAILROAD TRESTLE

Project Number: 7378

Project Subtype: NSES Enhancement

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Chris Hiatt

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$10,000	\$4,500	\$0	\$0	\$0	\$0	\$4,500
Plans and Studies	\$0	\$0	\$0	\$100,000	\$45,000	\$0	\$0	\$0	\$0	\$45,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$110,000	\$49,500	\$0	\$0	\$0	\$0	\$49,500
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project will have multiple partners including Tualatin River Watershed Council (TRWC), Fish and game, Tualatin Soil and Water Conservation District (TSWCD). The project has multiple goals including:

* Site monitoring and data analysis to test use of floodplain reconnection for use in the water quality trading program. Baseline monitoring has started and will continue for the next 2 years with enhancement starting in 2027.

* Site enhancement, including vegetation enhancement and floodplain reconnection. The project will generate shade credits regardless of baseflow monitoring outcomes. The project will be based off the data we collect during monitoring and subject to change, as well as outside funding sources from watershed council and Oregon Department of Environmental Quality (DEQ).

Project Detail

Project Name: VEGETATED CORRIDOR ADVANCE MITIGATION - UMBRELLA

Project Number: 7365

Project Subtype: NSES Enhancement

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Rich Hunter

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$11,000	\$10,000	\$10,000	\$16,500	\$22,000	\$27,500	\$0	\$76,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$1,000	\$1,000	\$1,000	\$1,500	\$2,000	\$2,500	\$0	\$7,000
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$12,000	\$11,000	\$11,000	\$18,000	\$24,000	\$30,000	\$0	\$83,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This umbrella project will protect and enhance vegetated corridors, water quality sensitive areas and water resource areas in order to offset mitigation requirements of sanitary infrastructure improvement projects. The project is expected to create approximately 5 acres of offset in 5 years. The individual projects will be located throughout the CWS service district and Tualatin basin areas; potential project sites have been identified in Hillsboro, Tigard and Cornelius. Most of the projects will be located on land owned by others and CWS will obtain a surface water management easement over the sites. Potential project partners include co-implementers, park districts, conservation organizations, private landowners and developers.

Laurel Gardens (\$4000)

Project Detail

Project Name: BUTTERNUT CREEK - ELEMENTARY SCHOOL BRIDGE TO 209TH

Project Number: 7362

Project Subtype: NSES Enhancement

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Robert Emanuel

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$45,000	\$0	\$438,500	\$465,500	\$67,000	\$22,000	\$993,000
Design and Engineering	\$0	\$0	\$0	\$323,300	\$78,000	\$0	\$0	\$0	\$0	\$78,000
Equipment and Materials	\$0	\$0	\$0	\$30,000	\$26,000	\$47,000	\$20,000	\$12,000	\$8,000	\$113,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$5,000	\$15,000	\$0	\$0	\$0	\$0	\$15,000
Other	\$0	\$0	\$0	\$51,300	\$28,500	\$51,300	\$49,700	\$7,900	\$3,000	\$140,400
Plans and Studies	\$0	\$0	\$0	\$0	\$1,000	\$0	\$0	\$0	\$0	\$1,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$454,600	\$148,500	\$536,800	\$535,200	\$86,900	\$33,000	\$1,340,400
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This Project involves enhancement of the Butternut Creek corridor between 198th and 209th, including thermal management and stormwater management approaches. The creek is a heavily incised, with a wide disconnected floodplain dominated with reed canary grass in these areas, with an artificial impoundment (Witzig Reservoir) that hinders wet weather flows and dry weather water quality. The project will increase corridor resilience and preserve a healthy natural area to withstand the pressures of hydro-modification caused by future urbanization of the watershed. The project includes community outreach and engagement to connect the neighborhood to the work of the CWS and connect people to nature and is in partnership with Washington County, City of Hillsboro, Hillsboro School District, stream side neighbors and multiple adjacent homeowners' associations. In FY21, Butternut Creek Enhancement Project 6910 construction was completed and included Reach 1, the first 900 LF downstream from 198th bridge, for the stormwater management area for the Washington County 198th Ave Transportation Improvement. Reach 2 and 3 need further study, community outreach and partner coordination, including evaluation of Witzig Reservoir irrigation and storage water rights and the future 209th Ave transportation improvements.

Project Detail

Project Name: BUTTERNUT CREEK - 209TH TO CENTURY

Project Number: 7354

Project Subtype: NSES Enhancement

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Robert Emanuel

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$60,000	\$60,000	\$103,500	\$90,000	\$313,500
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$65,000	\$0	\$0	\$5,000	\$5,000	\$32,500	\$20,000	\$62,500
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$13,000	\$500	\$0	\$6,500	\$6,500	\$13,600	\$11,000	\$37,600
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$78,000	\$500	\$0	\$71,500	\$71,500	\$149,600	\$121,000	\$413,600
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Stream, wetland and floodplain restoration for compliance with the watershed based permit, including water quality improvements, temperature management and habitat enhancement. This 41-acre project site is on Butternut Creek in Hillsboro and unincorporated Washington County and is located on publicly-held natural areas owned by City of Hillsboro and adjacent private lands with recorded management agreements granting restoration rights to CWS. Project planned to start in FY28

Project Detail

Project Name: HEDGES CREEK FLOODPLAIN @ TUALATIN SHERWOOD RD

Project Number: 7352

Project Subtype: NSES Enhancement

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Matthew Brennan

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$220,000	\$40,000	\$260,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000	\$0	\$0	\$200,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$40,000	\$40,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$15,000	\$3,500	\$5,000	\$10,000	\$10,000	\$22,000	\$8,000	\$55,000
Plans and Studies	\$0	\$0	\$75,000	\$35,000	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$90,000	\$38,500	\$55,000	\$110,000	\$110,000	\$242,000	\$88,000	\$605,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Stream, wetland and floodplain restoration for compliance with the watershed based permit, including water quality improvements, temperature management and habitat enhancement. This 42-acre project site is on Hedges Creek in Tualatin and is located on private lands and will have recorded management agreements granting restoration rights to CWS.

Project Detail

Project Name: LOWER WATERSHED RESTORATION PARTNERSHIPS

Project Number: 7335

Project Subtype: NSES Enhancement

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Rich Hunter

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$128,000	\$129,000	\$240,000	\$163,000	\$176,000	\$836,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$12,000	\$0	\$17,000	\$66,000	\$31,000	\$20,000	\$134,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$30,000	\$14,200	\$12,800	\$14,600	\$30,600	\$19,400	\$19,600	\$97,000
Plans and Studies	\$0	\$0	\$150,000	\$130,000	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$180,000	\$156,200	\$140,800	\$160,600	\$336,600	\$213,400	\$215,600	\$1,067,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project includes planning and implementing ecological enhancement of streams, wetlands and riparian areas prioritized for compliance with the watershed based NPDES permit, including water quality improvements, temperature management and habitat enhancement. Project sites are located on publicly- and privately owned areas, including city parks, land trusts, homeowners associations, other local organizations, and neighboring private lands with recorded management agreements granting land stewardship rights to CWS. Project components are defined in an ecological enhancement plan and include complementary restoration elements funded with outside sources where applicable. The middle watershed area includes the hydrologic area known as Fanno Creek - Tualatin River (HUC10) and includes urban and rural tributaries Fanno, Ash, Summer Creeks, Chicken-Cedar, S Rock, Hedges, Nyberg Creeks as well as lower River areas in Wilson, Saum and Athey Creeks.

Four projects in FY27:

Cedar Creek - Goose Creek to Magney \$44,000

Cedar Creek Enhancement - Oberst Road to Goose Creek \$17,600

Red Rock Creek - UPRR to Fanno Creek \$13,200

Candidate: Saum Creek - I-205 to Tualatin River \$66,000

Project Detail

Project Name: MIDDLE WATERSHED RESTORATION PARTNERSHIPS - UMBRELLA

Project Number: 7334

Project Subtype: NSES Enhancement

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Rich Hunter

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$90,000	\$32,000	\$276,000	\$276,000	\$429,300	\$386,000	\$341,000	\$1,708,300
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$19,000	\$19,000	\$217,000	\$145,000	\$80,000	\$480,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$8,000	\$3,200	\$29,500	\$29,500	\$64,700	\$53,100	\$42,100	\$218,900
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$98,000	\$35,200	\$324,500	\$324,500	\$711,000	\$584,100	\$463,100	\$2,407,200
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project includes planning and implementing ecological enhancement of streams, wetlands and riparian areas prioritized for compliance with the watershed based NPDES permit, including water quality improvements, temperature management and habitat enhancement. Project sites are located on publicly- and privately owned areas, including city parks, land trusts, homeowners associations, other local organizations, and neighboring private lands with recorded management agreements granting land stewardship rights to CWS. Project components are defined in an ecological enhancement plan and include complementary restoration elements funded with outside sources where applicable. The middle watershed area includes the hydrologic area known as Rock Creek - Tualatin River (HUC10) and includes urban tributaries Beaverton, Williwow, Bronson, Cedar Mill Creeks as well as rural drainages with important cold water refuges in McFee, Baker and Heaton Creeks

Four projects - one starting in FY26:

Beaverton Creek - Millikan to 170th \$93,500

Three candidates starting in FY27:

Rock Creek - Tualatin River Confluence \$66,000

Rock Creek - Walker Rd to Cornelius Pass Rd \$77,000

Tualatin River at Landfill \$88,000

Project Detail

Project Name: UPPER WATERSHED RESTORATION PARTNERSHIPS - UMBRELLA

Project Number: 7333

Project Subtype: NSES Enhancement

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Rich Hunter

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$14,000	\$20,000	\$30,000	\$25,000	\$15,000	\$0	\$90,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$1,000	\$3,000	\$10,000	\$5,000	\$5,000	\$0	\$23,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$1,500	\$2,300	\$4,000	\$3,000	\$2,000	\$0	\$11,300
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$16,500	\$25,300	\$44,000	\$33,000	\$22,000	\$0	\$124,300
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project includes planning and implementing ecological enhancement of streams, wetlands and riparian areas prioritized for compliance with the watershed based NPDES permit, including water quality improvements, temperature management and habitat enhancement. Project sites are located on publicly- and privately owned areas, including city parks, land trusts, homeowners associations, other local organizations, and neighboring private lands with recorded management agreements granting land stewardship rights to CWS. Project components are defined in an ecological enhancement plan and include complementary restoration elements funded with outside sources where applicable.

1 child project identified for FY27:

Atfalati Floodplain \$25,300

Project Detail

Project Name: TSWCD URBAN HABITAT CONSERVATION AND STEWARDSHIP
PROGRAM - Umbrella

Project Number: 7329

Project Subtype: NSES Enhancement

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Rich Hunter

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$21,196	\$87,000	\$54,800	\$87,900	\$98,300	\$56,800	\$48,000	\$30,000	\$321,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$5,000	\$8,000	\$9,000	\$16,000	\$5,000	\$5,000	\$3,000	\$38,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$25,000	\$6,300	\$15,200	\$11,400	\$6,200	\$5,300	\$3,300	\$41,400
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$21,196	\$117,000	\$69,100	\$112,100	\$125,700	\$68,000	\$58,300	\$36,300	\$400,400
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This umbrella project will enhance multiple sites throughout the urban service district in collaboration with the Tualatin Soil and Water Conservation District. There is an intergovernmental agreement for urban stewardship and habitat conservation program coordination and implementation of ecological enhancement projects that will generate shade credit in the temperature management plan and NPDES compliance.

Fanno Creek at Oleson Rd \$40,370

Glencoe Creek - First Ave to McKay Creek \$30,800

McKay Creek - West Union to Pacific \$12,760

Fanno Creek at Bauman Park \$28,133

Project Detail

Project Name: FANNO CREEK ENHANCEMENT AT ELDERBERRY RIDGE

Project Number: 7206

Project Subtype: NSES Enhancement

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Matthew Brennan

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$50,000	\$0	\$0	\$0	\$1,400,000	\$1,500	\$5,000	\$1,406,500
Design and Engineering	\$0	\$0	\$110,000	\$43,000	\$70,000	\$147,000	\$36,000	\$0	\$0	\$253,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$25,999	\$9,658	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$5,000	\$15,000	\$20,000	\$0	\$0	\$0	\$35,000
Other	\$0	\$0	\$30,000	\$8,000	\$17,900	\$76,100	\$149,100	\$200	\$500	\$243,800
Plans and Studies	\$0	\$0	\$40,000	\$10,000	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Professional Services	\$26,753	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$52,752	\$9,658	\$230,000	\$66,000	\$152,900	\$243,100	\$1,585,100	\$1,700	\$5,500	\$1,988,300
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project involves design and planning for the reach of Fanno Creek between SW Bonita Rd and SW Durham Rd in Tigard which will be assessed for ecological and geomorphic function to support enhancement planning of the Elderberry Ridge property. Project development will include collaboration with other departments on exposed sanitary issues, Fanno Interceptor access and rehabilitation, and stormwater issues. Project development will also involve collaboration with the City of Tigard on recreational trail planning through the corridor, and potential expansion of enhancement activities throughout the reach.

Project Detail

Project Name: GALES CREEK - BALM GROVE RESTORATION

Project Number: 7122

Project Subtype: NSES Enhancement

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Matthew Brennan

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$499,112	\$24,287	\$32,500	\$103,500	\$32,000	\$22,000	\$22,000	\$25,000	\$25,000	\$126,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$12,625	\$5,491	\$6,500	\$6,500	\$8,000	\$0	\$0	\$0	\$0	\$8,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$55,863	\$19,306	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$3,782	\$0	\$7,000	\$11,000	\$4,000	\$2,200	\$2,200	\$2,500	\$2,500	\$13,400
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$5,435	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$576,817	\$49,084	\$46,000	\$121,000	\$44,000	\$24,200	\$24,200	\$27,500	\$27,500	\$147,400
Other Funding	\$285,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

A low-head dam on a CWS-owned parcel on Gales Creek that functioned as a partial fish passage barrier to upstream salmon migration was removed in a two-phase construction (FY23 and FY24). Multiple partners and grant sources helped to fund this removal and the associated stream restoration/enhancement on the site. Multiple years of outreach to the community and tribes has occurred. Planting and establishment of vegetation is ongoing. Increase of \$75K in FY26 for Balm grove demo of septic system, hazardous material removal, permits, and removal of the house. FY27 funding includes planting and establishment of vegetation in difficult soil conditions.

Project Detail

Project Name: TUALATIN SOIL AND WATER CONSERVATION PARTNERSHIP

Project Number: 7039

Project Subtype: NSES Enhancement

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Rich Hunter

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$49,762	\$184,952	\$300,000	\$300,000	\$0	\$0	\$100,000	\$100,000	\$100,000	\$300,000
Design and Engineering	\$76,326	\$2,291	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$11,518	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$32,312	\$52,069	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$2,274	\$0	\$30,000	\$30,000	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$67,000	\$985	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$239,192	\$240,297	\$330,000	\$330,000	\$0	\$0	\$100,000	\$100,000	\$100,000	\$300,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project is an umbrella project for large-scale program integration between CWS and Tualatin Soil & Water Conservation District, including implementing riparian restoration, creating shade credit, improving habitat enhancement and adding bank stability improvements. The program integration will leverage funding from multiple partners to increase efficiency and effectiveness of the projects. There are no projects identified for FY 27 and FY 28.

Project Detail

Project Name: TUALATIN RIVER REFUGE RESTORATION

Project Number: 6856

Project Subtype: NSES Enhancement

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Matthew Brennan

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$252,330	\$379,818	\$733,000	\$585,600	\$595,000	\$555,000	\$342,500	\$342,500	\$202,500	\$2,037,500
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$52,676	\$43,248	\$167,000	\$166,500	\$151,500	\$139,000	\$64,000	\$64,000	\$49,000	\$467,500
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$28,318	\$43,198	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$8,842	\$82,000	\$75,200	\$74,700	\$69,400	\$40,700	\$40,700	\$25,200	\$250,700
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$3,809	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$337,133	\$475,106	\$982,000	\$827,300	\$821,200	\$763,400	\$447,200	\$447,200	\$276,700	\$2,755,700
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This Umbrella project includes planning and implementing stream, wetland and floodplain restoration prioritized for compliance with the watershed based permit, including water quality improvements, temperature management and habitat enhancement. Project sites are located on publicly-held natural areas owned by US Fish and Wildlife Service at the Tualatin River National Wildlife Refuge, Wapato Lake National Wildlife Refuge, and/or neighboring lands with management agreements granting restoration rights to CWS. Project components are defined in an ecological enhancement plan and coordinated with USFWS in accordance with their Comprehensive Conservation Management Plan and a long term Memorandum of Understanding. This project includes work on 547 acres at 10 sites:

- TRNWR - Dennis Combo \$88,000
- TRNWR - Chicken Creek \$165,000
- TRNWR - Bump-Brennar \$66,000
- TRNWR - Rock Creek \$220,000
- Wapato Lake NWR - Locey \$9,350
- Wapato TRNWR - East Side Levee \$110,000
- Wapato TRNWR - West Side Levee \$60,500
- Wapato Lake NWR - Field 2 \$71,500
- Wapato Lake NWR - Field 3 \$25,300
- Wapato Lake NWR - Onion Lane \$5,500

Project Detail

Project Name: LOCAL RESTORATION PARTNERSHIPS

Project Number: 6855

Project Subtype: NSES Enhancement

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Matthew Brennan

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$554,087	\$726,871	\$788,500	\$720,000	\$1,419,000	\$494,500	\$369,500	\$286,500	\$207,000	\$2,776,500
Design and Engineering	\$0	\$0	\$0	\$11,200	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$83,476	\$83,046	\$154,600	\$135,600	\$157,000	\$61,500	\$41,000	\$3,000	\$0	\$262,500
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$71,950	\$164,165	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$1,145	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$1,087	\$18,150	\$97,000	\$98,300	\$162,900	\$55,600	\$41,600	\$29,000	\$20,700	\$309,800
Plans and Studies	\$0	\$5,389	\$20,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$33,976	\$17,029	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$744,576	\$1,015,795	\$1,060,100	\$985,100	\$1,738,900	\$611,600	\$452,100	\$318,500	\$227,700	\$3,348,800
Other Funding	\$200,000	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project includes planning and implementing stream, wetland and floodplain restoration prioritized for compliance with the watershed based permit, including water quality improvements, temperature management and habitat enhancement. Project sites are located on publicly-held natural areas owned by Tualatin Hills Park and Recreation District, city parks, land trusts, other local organizations; and neighboring private lands with recorded management agreements granting restoration rights to CWS. Project components are defined in an ecological enhancement plan and include complementary restoration elements funded with outside sources where applicable.

14 Active projects:

Fanno Creek - Denney Rd to Hall Blvd \$77,000

Bronson Creek - OHSU \$61,600

Springville Creek - Bethany Lake \$1,129,480

Dawson Creek - Port of Portland South \$22,000

Rock Creek - TV Highway \$17,600

Witch Hazel Creek - Brookwood Crossing \$23,100

Bronson Creek - Hwy 26 Combo \$99,000

Beaverton Creek - 205th to Baseline \$66,000

Gales Creek - Ritchey Rd Combo \$40,700

N Johnson - Peppertree & St Andrews \$18,700

Springville Creek - Tributaries \$100,100

Beaverton Creek - Quatama Village \$27,500

OHSU North \$44,000

Chicken Creek @ Green Heron \$12,100

Project Detail

Project Name: COLLABORATIVE REGIONAL RESTORATION

Project Number: 6530

Project Subtype: NSES Enhancement

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Matthew Brennan

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$218,584	\$149,076	\$372,000	\$289,000	\$607,600	\$587,600	\$789,000	\$555,000	\$370,000	\$2,909,200
Design and Engineering	\$0	\$0	\$181,000	\$118,500	\$30,000	\$20,000	\$55,000	\$0	\$0	\$105,000
Equipment and Materials	\$31,091	\$45,914	\$70,200	\$70,200	\$93,400	\$114,900	\$160,000	\$103,000	\$60,000	\$531,300
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$22,086	\$37,013	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$9,315	\$7,076	\$57,000	\$49,800	\$92,400	\$72,300	\$100,400	\$65,800	\$43,000	\$373,900
Plans and Studies	\$0	\$0	\$0	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$281,076	\$239,079	\$680,200	\$547,500	\$823,400	\$794,800	\$1,104,400	\$723,800	\$473,000	\$3,919,400
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project includes needed planning and implementation for stream, wetland and floodplain restoration prioritized for compliance with the watershed-based permit, including water quality improvements, temperature management and habitat enhancement. Project sites will be located on publicly-held natural areas owned by Metro and other regional organizations, and neighboring private lands with recorded management agreements granting restoration rights to CWS. Project components are defined in an ecological enhancement plan and include complementary restoration elements funded with outside sources. This project includes work occurring across seven Metro Natural Area sites: Dairy McKay (\$234,850), Carpenter Creek Prairie (\$33,000), Baker Creek (\$110,000), Atfalati Floodplain (\$106,700), Beef Bend (\$167,200) Brown (\$83,600), and Atfalati South (\$88,000).

Project Detail

Project Name: WETLAND MITIGATION MONITORING (SANITARY)

Project Number: 4943

Project Subtype: NSES Enhancement

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Matthew Brennan

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$165,265	\$126,356	\$183,000	\$157,000	\$120,000	\$115,000	\$115,000	\$70,000	\$10,000	\$430,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$72,641	\$41,646	\$78,000	\$53,000	\$30,000	\$25,000	\$25,000	\$15,000	\$0	\$95,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$20,768	\$18,680	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$9,504	\$2,621	\$24,000	\$21,000	\$15,000	\$14,000	\$14,000	\$8,500	\$1,000	\$52,500
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$3,973	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$268,178	\$193,276	\$285,000	\$231,000	\$165,000	\$154,000	\$154,000	\$93,500	\$11,000	\$577,500
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This Umbrella project includes enhancement required by environmental permits for multiple Sanitary projects after construction and initial planting is completed. Project maintenance varies in duration depending on permit requirements and site conditions and includes invasive species management, inter-planting and seeding as needed. This project includes work occurring across 86 acres in the Tualatin River Watershed at four project sites: Walker at Murray Interchange (\$11,000), Cedar Mill Trunk Jenkins (\$88,000), Rock Creek - Tualatin Sherwood Road (\$44,000), and Bendemeer Trunk- Jacobson to Hwy 26 (\$22,000).

Project Detail

Project Name: ASH CREEK - SW OAK TO HWY 217

Project Number:

Project Subtype: NSES Enhancement

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Matthew Brennan

Project Status: Candidate

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$250,000	\$250,000	\$0	\$0	\$0	\$500,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$25,000	\$25,000	\$0	\$0	\$0	\$50,000
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$275,000	\$275,000	\$0	\$0	\$0	\$550,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project is a collaboration with City of Tigard to conduct corridor enhancement and construct recreational trails along Ash Creek adjacent to the Metzger Trunk replacement project. The project will contribute to Temperature Load Management Plan (TLMP or shade) compliance, and could include stormwater improvements (outfall retrofits). CWS is participating in submission of a grant application (Tigard is leading) for project funding.

Project Detail

Project Name: NATURAL SYSTEM IMPROVEMENTS - SANI

Project Number:

Project Subtype: NSES Enhancement

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Rich Hunter

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$30,000	\$30,000	\$30,000	\$90,000
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000	\$300,000	\$300,000	\$900,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$330,000	\$330,000	\$330,000	\$990,000
Other Funding	\$200,000	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This is a placeholder project for planning, designing and implementing anticipated needed improvements to natural system assets in the surface water system, including streams, wetlands and floodplains. Following guidance and principles established in the Healthy Streams Plan, regional conservation strategy and ecological criteria developed by the integrated planning group, priority project sites are identified throughout the watershed and specific project plans will be developed with partner organizations. Activities consist of enhancement of native plant communities and landforms within and nearby streams and wetlands to support appropriate function of these natural system assets for the improvement of water quality, water quantity and habitat. Project partners include non-profits, local, state and federal governments, private land owners, and other community-based organizations. Projects are integrated with other infrastructure needs such as conveyance systems, stormwater management facilities and pump stations.

Project Detail

Project Name: HEALTHY STREAMS PLAN - SANI

Project Number:

Project Subtype: Plans and Studies

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Kristel Griffith

Project Status: Candidate

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$7,500	\$7,500	\$0	\$0	\$0	\$15,000
Plans and Studies	\$0	\$0	\$0	\$0	\$75,000	\$75,000	\$0	\$0	\$0	\$150,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$82,500	\$82,500	\$0	\$0	\$0	\$165,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Healthy Streams Plan will provide strategic guidance and master planning to implement effective regional management of stormwater runoff for water quality and quantity and acquisition of thermal credits to comply with all relevant regulations, which will improve watershed and stream health aligned with our communities' values.

The plan will produce a list of specific implementable projects and planning-level cost estimates for multiple CWS programs, including NSES, Field Operations, Regional Utility Services Department and Conveyance Engineering, as well as co-implementers.

This will be achieved by assessing current watershed health conditions, conducting systematic policy and project identification, and determining implementation priorities. The scope of work will include public outreach, environmental assessments, analysis and modeling, best management practice (BMP) review, and infrastructure planning for pipes, stormwater treatment facilities, and stream channel, riparian and ecological enhancement.

Project Detail

Project Name: YAMHILL SOIL AND WATER CONSERVATION DISTRICT PARTNERSHIP - UMBRELLA

Project Number:

Project Subtype: NSES Enhancement

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Matthew Brennan

Project Status: Candidate

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$60,000	\$0	\$0	\$0	\$0	\$60,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$6,000	\$0	\$0	\$0	\$0	\$6,000
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$66,000	\$0	\$0	\$0	\$0	\$66,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project is a collaboration with the Yamhill Soil and Water Conservation District (YSWCD) to implement Thermal Load Management Program (TLMP shade) projects in the upper Tualatin River watershed. FY27 funds are for initial sites to be identified and initiated in coordination with YSWCD.

Project Detail

Project Name: JACKSON BOTTOM AREA IRRIGATION IMPROVEMENTS

Project Number: 7179

Project Subtype: Reuse

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Jared Kinnear

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$29,590	\$72,639	\$200,000	\$100,000	\$200,000	\$0	\$200,000	\$0	\$0	\$400,000
Design and Engineering	\$19,998	\$7,500	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$50,000
Equipment and Materials	\$58,750	\$3,160	\$150,000	\$100,000	\$250,000	\$0	\$250,000	\$0	\$0	\$500,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$40,116	\$67,848	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$3,052	\$20,319	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$151,506	\$171,466	\$350,000	\$200,000	\$450,000	\$50,000	\$450,000	\$0	\$0	\$950,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Irrigation Improvement Project will increase the capacity of the irrigation system at the Dairy Creek Confluence and Jackson Bottom Agricultural fields to accommodate Class A Reuse Water application at agronomic rates. It is estimated that 2.0 MGD of Reuse Water can be land applied on the Dairy Creek Confluence and Jackson Bottom Fields.

Project Detail

Project Name: JB- COYOTE HILL WETLANDS & REFUGE IMPROVEMENTS

Project Number: 7129

Project Subtype: Reuse

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: John Goetz III

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$108,188	\$72,033	\$50,000	\$50,000	\$165,000	\$165,000	\$0	\$0	\$0	\$330,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$14,252	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$223	\$620	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$15,000	\$15,000	\$0	\$0	\$0	\$30,000
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$108,411	\$86,905	\$50,000	\$50,000	\$180,000	\$180,000	\$0	\$0	\$0	\$360,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

In FY27, there will be wetland enhancement construction on the Jackson Bottom property for Recycled Water Irrigation. This 140-acre wetland area will be enhanced and irrigated with reuse water in collaboration with the District Reuse Program and has been identified as a high priority to meet reuse targets for the District.

Project Detail

Project Name: JACKSON BOTTOM AREA WETLANDS & REUSE IMPROVEMENTS

Project Number: 7037

Project Subtype: Reuse

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: John Goetz III

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$125,168	\$143,741	\$90,000	\$90,000	\$165,000	\$165,000	\$0	\$0	\$0	\$330,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$12,336	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$14,101	\$22,708	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$3,830	\$0	\$10,000	\$10,000	\$15,000	\$15,000	\$0	\$0	\$0	\$30,000
Plans and Studies	\$22,956	\$1,495	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$2,732	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$168,787	\$180,280	\$100,000	\$100,000	\$180,000	\$180,000	\$0	\$0	\$0	\$360,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project is for wetland enhancement construction on the Dairy Creek Confluence property for Recycled Water Irrigation. This 123-acre wetland area will be enhanced and irrigated with reuse water in collaboration with the District Reuse Program and has been identified as a high priority to meet reuse targets for the District.

Project Detail

Project Name: FOREST GROVE WEST AG LANDS DEVELOPMENT

Project Number:

Project Subtype: Reuse

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Jared Kinnear

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$800,000	\$800,000	\$0	\$0	\$1,600,000
Design and Engineering	\$0	\$0	\$100,000	\$0	\$100,000	\$100,000	\$0	\$0	\$0	\$200,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$100,000	\$0	\$100,000	\$900,000	\$800,000	\$0	\$0	\$1,800,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project involves upgrading the irrigation system for all District-owned properties surrounding the Forest Grove WRRF. This project will be executed in phases. The existing piping will need a condition assessment of the existing pipeline which is approximately 25 years old.

After the assessment in the upcoming fiscal year, fixes to the pipeline are anticipated due to the age and past land use activities in future fiscal years. Cost estimate for repairs are not able to be estimated until condition assessment is complete. Condition assessment will be completed by internal resources: Field Operations.

Project Detail

Project Name: HILLSBORO HIGH SCHOOL REUSE PIPE EXTENSION

Project Number:

Project Subtype: Reuse

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Jared Kinnear

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$400,000	\$300,000	\$100,000	\$0	\$800,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000,000	\$2,000,000	\$0	\$5,000,000
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$400,000	\$3,300,000	\$2,100,000	\$0	\$5,800,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project is to extend the recycled water pipe that currently terminates at Hillsboro High School to the Jackson Bottom Valve Cluster. There is a potential that portions of the existing pipe will have to be upsized. See Forest Grove Reuse Study for more details.

Project Detail

Project Name: FOREST GROVE PROPERTY ENHANCEMENTS - UMBRELLA

Project Number: 7375

Project Subtype: Reuse

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: John Goetz III

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$75,000	\$120,000	\$120,000	\$120,000	\$120,000	\$0	\$480,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$75,000	\$120,000	\$120,000	\$120,000	\$120,000	\$0	\$480,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Project includes wetland and riparian enhancement and farmland rehabilitation on District owned property in Forest Grove. The project is integrated with natural treatment system and recycled water operations. Other elements of site improvements include upkeep of water control structures, installation of signage, enhancement of riparian buffers, new fencing, road upgrades and management of invasive species on site. This project is essential to compliance with Clean Water Act, Endangered Species Act, and temperature mitigation for wastewater treatment facilities. The project planned tasks meets District strategic initiatives for Integrated Water Resource Management Partnerships. Costs reflect needed riparian and wetland enhancement adjacent to the Tualatin River, Barney mitigation wetlands and other jurisdictional wetlands, and reflect work on ~100 acres of native plant restoration and invasive species management for benefit of water quality, wildlife habitat, and community values. Additional costs include repair of an erosional gully across the field at the location of several dike breaches was required to comply with farm management rules in the Basin.

This project involves development of the Gales Creek Confluence and associated District-owned property located between Fernhill Road and Gales Creek. The land is intended to be a part of expansion of the recycled water program. The project involves removal of traditional agricultural crops and restoring the land to native wetland habitat.

Project Detail

Project Name: RECYCLED WATER MISCELLANEOUS UPGRADES

Project Number: 7279

Project Subtype: Reuse

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Jared Kinnear

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$11,896	\$62,210	\$10,000	\$10,000	\$25,000	\$25,000	\$25,000	\$0	\$0	\$75,000
Design and Engineering	\$0	\$0	\$7,500	\$10,000	\$15,000	\$15,000	\$15,000	\$0	\$0	\$45,000
Equipment and Materials	\$0	\$0	\$30,000	\$30,000	\$150,000	\$50,000	\$50,000	\$0	\$0	\$250,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$32,437	\$100,568	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$1,063	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$2,500	\$0	\$10,000	\$10,000	\$10,000	\$0	\$0	\$30,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$44,333	\$163,841	\$50,000	\$50,000	\$200,000	\$100,000	\$100,000	\$0	\$0	\$400,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This umbrella project is to design and construct various branches off of our main recycled water pipelines.

Planned tasks for the upcoming fiscal year will include, other potential projects follow and will be sequenced based on customer desire to move forward:

- Design and planning for a railroad crossing to service Tualatin Community Park. Cost estimate for this work is approximately \$50,000
- Pipeline assessment for the Hillsboro High School reuse line. Pipeline is approximately 30 years old, needs condition assessment to understand future viability. Cost estimate for this work is approximately \$30,000
- Reuse tie into Rood Bridge Park. Includes separating from potable supply. Also, work performed at Rock Creek to deliver water to Rood Bridge Park, includes new valves and small amount of pipeline work. Cost estimate for this work is approximately \$120,000
- Tualatin Community Park
- Lakeside
- Hillsboro Fire Department
- Rood Bridge
- Waste Management
- Meriwether
- Witch Hazel Village
- Licorish Lane Farms
- Hillsboro High School

Project Detail

Project Name: ELECTRICAL MASTER PLAN

Project Number: 7342

Project Subtype: Durham

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Leigh Kojiro

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$200,000	\$350,000	\$400,000	\$400,000	\$0	\$0	\$0	\$800,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$2,523	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$2,523	\$200,000	\$350,000	\$400,000	\$400,000	\$0	\$0	\$0	\$800,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Electrical Master Plan (EMP) project will develop an electrical infrastructure planning document that will complement the capital improvement projects identified in the East and West Basin Facility Plans. The EMP will identify electrical, instrumentation, and control infrastructure upgrades and expansion projects required to support treatment expansion and improvements necessary due to increased flows and loads, regulatory requirements, reliability and resiliency. The EMP will also examine the efficiency of the existing system and look for possible areas for improvement.

Project Detail

Project Name: DURHAM DISINFECTION REDUNDANCY PROJECT

Project Number: 7331

Project Subtype: Durham

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Leigh Kojiro

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$30,000	\$0	\$0	\$0	\$0	\$30,000
Design and Engineering	\$0	\$0	\$0	\$0	\$15,000	\$0	\$0	\$0	\$0	\$15,000
Equipment and Materials	\$0	\$7,576	\$0	\$1,600	\$110,000	\$0	\$0	\$0	\$0	\$110,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$613	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$22,900	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$8,189	\$0	\$24,500	\$155,000	\$0	\$0	\$0	\$0	\$155,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Durham utilizes chemical metering pumps to dose sodium hypochlorite to disinfect the plant effluent. For improved disinfection system reliability and continued compliance, the chemical metering pumps will be powered from separate busses, providing a redundant power source. This project will be executed in two phases. Phase I will add automatic transfer switches for each pump supplied from separate busses. Phase II will add additional chemical metering pumps on redundant power.

Project Detail

Project Name: DURHAM PHASE 5C TERTIARY CLARIFIER IMPROVEMENTS

Project Number: 7313

Project Subtype: Durham

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Jana Otero

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$700,000	\$0	\$0	\$1,000,000	\$2,225,000	\$2,225,000	\$1,300,000	\$6,750,000
Design and Engineering	\$0	\$0	\$800,000	\$750,000	\$350,000	\$200,000	\$150,000	\$150,000	\$0	\$850,000
Equipment and Materials	\$0	\$3,902	\$0	\$40,000	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$155,746	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$46,368	\$0	\$0	\$400,000	\$0	\$0	\$0	\$0	\$400,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$206,016	\$1,500,000	\$790,000	\$750,000	\$1,200,000	\$2,375,000	\$2,375,000	\$1,300,000	\$8,000,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project includes rehabilitation of the three tertiary clarifier trains at the Durham facility to improve the performance, reliability, and hydraulic capacity of the existing tertiary process. In 2017 a predesign effort evaluated multiple alternatives and recommended the improvements should include modifications to the rapid mix system, implementation of a two stage flocculation system, modification to the basins from a two stage "squirle" configuration to a single large rectangular clarifier with a vacuum sludge collector, and replacement of the effluent launders with added structural supports. This project will also improve the backwash and surface wash systems for the tertiary filters.

Project Detail

Project Name: DURHAM SCADA NETWORK EVALUATIONS

Project Number: 7233

Project Subtype: Durham

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Kurt Reichert

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$100,000	\$60,000	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Design and Engineering	\$0	\$0	\$90,000	\$90,000	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$4,536	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$4,104	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$9,716	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$30,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$18,356	\$220,000	\$150,000	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Other Funding	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Durham fiber optics network is over 20 years old and is configured as a star network. The existing fiber optics is categorized as multimode OM1 (larger core, multiple light paths) for shorter distances and is being phased out of production. The upgrade will replace the multimode fiber and install Single-Mode Fiber (small core, single light path) for longer distances and will be configured in the ring style network providing improved communication redundancy.

Project Detail

Project Name: DURHAM PHASE 6B - New Digester

Project Number: 7203

Project Subtype: Durham

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Mike Idehara

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$4,000,000	\$4,250,000	\$10,000,000	\$2,750,000	\$0	\$0	\$0	\$12,750,000
Design and Engineering	\$282,166	\$1,352,196	\$300,000	\$700,000	\$1,000,000	\$600,000	\$0	\$0	\$0	\$1,600,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$165,466	\$194,830	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$933	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$448,565	\$1,547,026	\$4,300,000	\$4,950,000	\$11,000,000	\$3,350,000	\$0	\$0	\$0	\$14,350,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Durham uses two 1.3 million gallon anaerobic digesters. These digesters were constructed in the year 2000 with space on the site to construct two more anaerobic digesters in the future to accommodate population growth and maintain the Fats, Oils, and Grease (FOG) receiving program. The 2019 East Basin Facility Plan identified that the current digesters are nearing their operating capacity and recommended adding a third 1.3 million gallon anaerobic digester by year 2027. This project will construct a new digester which will include upgrades to the mechanical, electrical, and controls equipment for the third digester, including upgrades and expansion to the plant heat recovery systems.

Project Detail

Project Name: DURHAM ODOR CONTROL PHASE 3

Project Number: 7202

Project Subtype: Durham

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Mike Idehara

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$598	\$1,050,000	\$100,000	\$3,400,000	\$1,050,000	\$0	\$0	\$0	\$4,450,000
Design and Engineering	\$462,450	\$133,914	\$450,000	\$40,000	\$300,000	\$200,000	\$0	\$0	\$0	\$500,000
Equipment and Materials	\$0	\$30,718	\$0	\$2,000	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$64,980	\$53,340	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$527,430	\$218,570	\$1,500,000	\$142,000	\$3,700,000	\$1,250,000	\$0	\$0	\$0	\$4,950,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

A chemical mist scrubber is used to treat odorous air collected from the Durham Headworks facility. The odor scrubber was constructed in 1989 and is in need of replacement. This project will replace the chemical mist scrubber with a new engineered media biofilter odor control system, which will include a new concrete basin, fans, and foul air ducting. The existing chemical mist scrubber will be demolished.

Project Detail

Project Name: DURHAM MISCELLANEOUS UPGRADES

Project Number: 6368

Project Subtype: Durham

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Mike Idehara

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Design and Engineering	\$182,066	\$11,668	\$50,000	\$0	\$25,000	\$50,000	\$50,000	\$0	\$0	\$125,000
Equipment and Materials	\$3,670	\$27,952	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$6,860	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$63,012	\$23,206	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$262,086	\$62,826	\$150,000	\$90,000	\$185,000	\$250,000	\$250,000	\$0	\$0	\$685,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This "umbrella" project is a fund for multiple, miscellaneous upgrades that typically are too small to be their own capital project and consist of various optimization, enhancement, safety, or other projects that improve operations and maintenance.

Aeration Basin 1&2 Drainage Pump Improvement: \$55,000

Durham Stability Analyzer for Aeration Basin 3: \$65,000

US1/3 Transformer Cooling Fin Fan and Oil Replacement: \$5,000

Durham Aeration Basin 5 Drain Pump Return Activated Sludge Transfer Header Connection: \$60,000

Project Detail

Project Name: DURHAM BULK HYPO TANK REPLACEMENT

Project Number:

Project Subtype: Durham

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Jana Otero

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$1,500,000	\$1,000,000	\$0	\$0	\$2,500,000
Design and Engineering	\$0	\$0	\$0	\$0	\$175,000	\$60,000	\$40,000	\$0	\$0	\$275,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$175,000	\$1,560,000	\$1,040,000	\$0	\$0	\$2,775,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Durham facility currently stores bulk 12.5% sodium hypochlorite that is used for disinfection and odor control in the chemical building in repurposed aluminum sulfate fiberglass reinforced plastic (FRP) tanks. These three 26,000 gallon FRP tanks were originally installed in 1992 and have begun to fail, requiring re-lining. The repairs have a limited service life and new bulk storage tanks are needed. This project will replace the bulk storage tanks with new tanks. Replacement will occur in the original sodium hypochlorite storage location under the removable section of roof in the chemical building.

Project Detail

Project Name: DURHAM FILTERS 1-4 WASTE VALVE AND ACCESS PLATFORM IMPROVEMENTS

Project Number:

Project Subtype: Durham

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Jana Otero

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Design and Engineering	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Durham treatment facility has four filters (Filters 1-4) where access to the waste valve is above grade on the east wall of the filter. The current location and access platform do not provide adequate room for staff to access and maintain the valves safely. This project will look to expand the walkway so that they can be safely maintained. Additionally, this project will be evaluating the existing waste valves and actuators to determine if they can be modified to reduce valve leakage or the valves and/or actuators will be replaced.

Project Detail

Project Name: DURHAM GAS TREATMENT STORAGE

Project Number:

Project Subtype: Durham

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Mike Idehara

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$75,000	\$250,000	\$0	\$0	\$0	\$325,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$75,000	\$250,000	\$0	\$0	\$0	\$325,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project will erect a storage building to store the gas treatment media that is used in the cogen gas treatment skid. The storage building will be used to temporarily store treatment media when it is time to be replaced, typically every 18-24 months. The new media needs to be protected from the weather and remain dry.

Project Detail

Project Name: DURHAM IPS PUMP AND FORCEMAIN ISOLATION GATE REPLACEMENT

Project Number:

Project Subtype: Durham

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Mike Idehara

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$720,000	\$1,157,000	\$225,000	\$0	\$2,102,000
Design and Engineering	\$0	\$0	\$0	\$0	\$250,000	\$75,000	\$75,000	\$75,000	\$0	\$475,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$250,000	\$795,000	\$1,232,000	\$300,000	\$0	\$2,577,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The project will replace the Durham facility influent pump station pump and forcemain isolation gates with new. The existing gates are leaking and replacement parts are not available due to the existing gates no longer being in production.

Project Detail

Project Name: DURHAM PRIMARY BIOFILTER IMPROVEMENTS

Project Number:

Project Subtype: Durham

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Jana Otero

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$1,000,000	\$0	\$0	\$0	\$1,000,000
Design and Engineering	\$0	\$0	\$0	\$0	\$300,000	\$200,000	\$0	\$0	\$0	\$500,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$40,000	\$0	\$0	\$0	\$0	\$40,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$340,000	\$1,200,000	\$0	\$0	\$0	\$1,540,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

At the Durham facility, odorous air is collected from the four primary clarifiers, primary effluent pump station and the primary effluent distribution structure and treated in a biofilter constructed in 2015. This project will replace the biofilter media with new engineered media and replace and re-route the odor control ducts from Primary Clarifiers 1 and 2.

Project Detail

Project Name: DURHAM ROOF SAFETY IMPROVEMENTS

Project Number:

Project Subtype: Durham

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Mike Idehara

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$160,000	\$33,000	\$10,000	\$0	\$0	\$0	\$0	\$10,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$75,000	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$160,000	\$108,000	\$10,000	\$0	\$0	\$0	\$0	\$10,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project will minimize the potential for fall hazards by adding a safety rail system along the edge of the Solids and Operation & Maintenance building roofs at the Durham Facility. Additionally, fall protection screens will added to roof top skylights to prevent falls.

Project Detail

Project Name: DURHAM SLUDGE LOADING BAY IMPROVEMENTS

Project Number:

Project Subtype: Durham

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Mike Idehara

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$190,000	\$50,000	\$190,000	\$0	\$0	\$0	\$0	\$190,000
Design and Engineering	\$0	\$0	\$30,000	\$100,000	\$75,000	\$0	\$0	\$0	\$0	\$75,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$220,000	\$150,000	\$265,000	\$0	\$0	\$0	\$0	\$265,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Sludge Loading Bay includes two sludge storage silos that are used to store and transfer dewatered biosolids to truck haulers. This system was installed in 1991, with seals, shafts, and drive components replaced in 2014. This project will replace the sludge storage silo load cells, gate actuators, and install a new HMI to automate the offloading process and connect to SCADA.

Project Detail

Project Name: DURHAM THICKENING CENTRIFUGE REPLACEMENT

Project Number:

Project Subtype: Durham

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Jana Otero

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$0	\$2,000,000
Design and Engineering	\$0	\$0	\$0	\$0	\$300,000	\$650,000	\$250,000	\$250,000	\$0	\$1,450,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$0	\$0	\$2,000,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$300,000	\$650,000	\$2,250,000	\$2,250,000	\$0	\$5,450,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Three Sharples centrifuges were installed in 1993 and are used to thicken waste activated sludge prior to digestion at the Durham facility. These machines are nearing end of life and have been exhibiting lower performance with respect to solids capture. This project will evaluate the capacity required, review refurbishment or replacement options, and implement the selected alternative for the thickening centrifuges.

Project Detail

Project Name: DURHAM THICKENING POLYMER MODIFICATIONS

Project Number:

Project Subtype: Durham

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Jana Otero

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$300,000	\$0	\$0	\$0	\$300,000
Design and Engineering	\$0	\$0	\$30,000	\$0	\$150,000	\$50,000	\$0	\$0	\$0	\$200,000
Equipment and Materials	\$0	\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$40,000	\$0	\$200,000	\$350,000	\$0	\$0	\$0	\$550,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Durham facility utilizes polymer blend units to make down and feed polymer to the waste activated sludge thickening processes. Currently there are two polymer blend units in service. One unit is used for the rotating drum thickeners as part of the Waste Activated Sludge Stripping to Recover Internal Phosphorus process and the other is used for the thickening centrifuges which thicken waste activated sludge prior to digestion. This project will add a third polymer blend unit and will serve as a redundant unit when one of the two polymer blend units are out of service.

Project Detail

Project Name: DURHAM UNISON BACK-UP CHILLER

Project Number:

Project Subtype: Durham

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Mike Idehara

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$300,000	\$0	\$0	\$0	\$0	\$300,000
Design and Engineering	\$0	\$0	\$0	\$0	\$75,000	\$0	\$0	\$0	\$0	\$75,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$375,000	\$0	\$0	\$0	\$0	\$375,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project to install a back-up chiller to the Unison gas treatment skid at the Durham facility to provide redundancy and improve reliability. Currently, the gas treatment skid has a single chiller which is a single point of failure. The cogeneration engines cannot operate without a functioning chiller.

Project Detail

Project Name: DURHAM WAREHOUSING BUILDING

Project Number:

Project Subtype: Durham

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Jana Otero

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$250,000	\$250,000	\$0	\$0	\$500,000
Design and Engineering	\$0	\$0	\$0	\$0	\$100,000	\$50,000	\$25,000	\$0	\$0	\$175,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$150,000	\$300,000	\$275,000	\$0	\$0	\$725,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Durham facility maintains a storeroom for parts and materials at the south wing of the Operations & Maintenance Building. This space is shared with harvested and dried prill from the Struvite Recovery Facility. This project will evaluate warehousing needs and expand the storeroom to house critical spares required due to continued expansion of the facility.

Project Detail

Project Name: EAST BASIN FACILITY PLAN

Project Number:

Project Subtype: Durham

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Mike Idehara

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$650,000	\$750,000	\$100,000	\$1,500,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$650,000	\$750,000	\$100,000	\$1,500,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The last East Basin Facility Plan (EBFP) was adopted in 2021. An updated EBFP will provide the District and regulators with updated information on the system's condition and capacity, current and projected population, wastewater flows, treatment plant loading, and recommend projects to address system deficiencies, aging infrastructure, and capacity improvements needed to meet growth projections and changes in regulations.

Project Detail

Project Name: FOREST GROVE PLC UPGRADE TO ALLEN-BRADLEY - UMBRELLA

Project Number: 7391

Project Subtype: Forest Grove

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Kurt Reichert

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$100,000	\$100,000	\$0	\$0	\$0	\$200,000
Design and Engineering	\$0	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$0	\$0	\$0	\$100,000
Equipment and Materials	\$0	\$0	\$200,000	\$200,000	\$100,000	\$100,000	\$0	\$0	\$0	\$200,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$250,000	\$250,000	\$250,000	\$250,000	\$0	\$0	\$0	\$500,000
Other Funding	\$350,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Programmable logic controllers (PLC) are used throughout the Forest Grove facility to automate and monitor the treatment process. This project will replace Texas Instruments (TI)/Siemens PLC with Allen Bradley PLC components due to age and outdated software and improve reliability, security, and programming efficiency. PLC upgrades from TI/Siemens to Allen Bradley will focus on replacements of TI/Siemens with Allen Bradley PLCs in the Blower Building (PLC 3) and PLC 2 in the RAS Building.

-PLC 3: Blower Building - \$125,000

-PLC 2: RAS Building - \$125,000

Project Detail

Project Name: FOREST GROVE AERATION MODIFICATIONS

Project Number: 7381

Project Subtype: Forest Grove

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Joshua Johnson

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$1,900,000	\$7,500,000	\$0	\$0	\$9,400,000
Design and Engineering	\$0	\$0	\$0	\$0	\$200,000	\$640,000	\$0	\$0	\$0	\$840,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$75,000	\$75,000	\$125,000	\$0	\$0	\$0	\$0	\$125,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$75,000	\$75,000	\$325,000	\$2,540,000	\$7,500,000	\$0	\$0	\$10,365,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Primary Clarifiers are being constructed to address effluent copper discharge at the Forest Grove WRRF. Following startup of the primary clarifiers, air requirements at the aeration basins are expected to be different for secondary treatment. Additionally, the existing Forest Grove WRRF centrifugal blowers are nearing the end of their useful life, as well as future capacity increases are anticipated with a third aeration basin to be required within the next 10 years.

This project will include the evaluation and modifications to the existing aeration system by replacing some or all of the existing blowers to provide capacity for the modified process and future third aeration basin, and to provide redundancy at peak air flow. New electrical gear, discharge piping and hoisting equipment are expected as part of this project. The project will provide treatment reliability in the peak aeration demand seen during the shoulder months when typical industrial loadings increase to the Facility from food processing plants within the service district.

Project Detail

Project Name: FOREST GROVE RECYCLED WATER FACILITY

Project Number: 7275

Project Subtype: Forest Grove

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Joshua Johnson

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$0	\$0	\$500,000
Design and Engineering	\$0	\$0	\$0	\$0	\$50,000	\$300,000	\$0	\$0	\$0	\$350,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$50,000	\$300,000	\$500,000	\$0	\$0	\$850,000
Other Funding	\$500,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

A component of the overall District water reuse plan includes distribution in the Forest Grove area from the water resource recovery facility. Treated effluent will be stored in the recycled water ponds or directly distributed to local customers. The project is pending the outcome of the Reclaimed Water Plan (currently underway as of November 2025).

A one- to two-million gallon per day recycled water operation is planned and will include the installation or rehabilitation of a small pump station and disinfection equipment. Modifications to existing control structures and piping are also expected.

Project Detail

Project Name: FOREST GROVE PRIMARY TREATMENT

Project Number: 7190

Project Subtype: Forest Grove

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Joshua Johnson

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$74,944	\$15,869,603	\$28,600,000	\$28,600,000	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$1,186,881	\$1,848,928	\$1,000,000	\$900,000	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Equipment and Materials	\$0	\$281,956	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$198,103	\$788,631	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$3,095	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$1,463,023	\$18,789,118	\$29,600,000	\$29,500,000	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Other Funding	\$1,000,000	\$3,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Data collection for the reasonable potential analysis for the District's next NPDES permit begins in October 2025. Without changes to reduce effluent copper, CWS has judged that an NPDES copper limit is likely. The addition of primary clarifiers to the Forest Grove Water Resource Recovery Facility (WRRF), in combination with a strategy for industrial source control, are expected to reduce effluent copper below a level where in NPDES limit would be triggered.

If a copper limit is included in the NPDES permit, more costly methods of copper control are expected to be necessary.

The project will consist of liquid stream improvements to the Forest Grove WRRF including the addition of primary clarification, piping/valve improvements, chemical addition, odor control upgrades and sludge pumping improvements. The expansion of the system will allow for firm treatment capacity of 30 MGD through the primary and secondary process. The added infrastructure will continue to expand upon the WRRF's seismic resiliency.

Process startup is planned for March 2026.

Project Detail

Project Name: FERNHILL MISCELLANEOUS IMPROVEMENTS

Project Number: 6849

Project Subtype: Forest Grove

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Jared Kinnear

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$99,026	\$104,769	\$250,000	\$250,000	\$225,000	\$0	\$0	\$0	\$0	\$225,000
Design and Engineering	\$0	\$12,366	\$50,000	\$50,000	\$75,000	\$0	\$0	\$0	\$0	\$75,000
Equipment and Materials	\$50,900	\$91,647	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$176,397	\$144,049	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$5,064	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$46,436	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$377,823	\$352,831	\$300,000	\$300,000	\$300,000	\$0	\$0	\$0	\$0	\$300,000
Other Funding	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Here is a description of the tasks within this project:

- 1) Upgrade Beaver Deceiver in Cell 5 - \$50k
- 2) NTS Landscape - \$50K
- 3) NTS Entry Corridor - \$50K
- 4) South Wetlands Planting - \$50K
- 5) Solar Shed Upgrade - \$50K
- 6) VFW Landscape Wetland Planting - \$50k

Project Detail

Project Name: FOREST GROVE MISCELLANEOUS UPGRADES

Project Number: 6374

Project Subtype: Forest Grove

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Joshua Johnson

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$65,000	\$65,000	\$25,000	\$70,000	\$70,000	\$70,000	\$0	\$235,000
Design and Engineering	\$0	\$0	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$0	\$40,000
Equipment and Materials	\$46,110	\$0	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$0	\$80,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$29,402	\$2,538	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$75,512	\$2,538	\$95,000	\$95,000	\$55,000	\$100,000	\$100,000	\$100,000	\$0	\$355,000
Other Funding	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This "umbrella" project is a fund for multiple, miscellaneous upgrades that typically are too small to be their own CIP project and consist of various optimization, enhancement, safety, or other projects that improve operations and maintenance. Projects will be added throughout the year based on department-wide prioritization agreement and available funding.

Highest priorities for FY27:

- UV reactors - connect 1 and 2 to PW (\$15,000)
- NTS electrical cabinet (\$20,000)
- Server room HVAC (\$20,000)

Projects deferred to FY28:

- Water loop modifications. Carryover from FY25 (\$20,000)
- New high-pressure air compressor. Carryover from FY25 (\$15,000)
- VFW HPA connection (\$30,000)

Project Detail

Project Name: FOREST GROVE 3RD AERATION BASIN

Project Number:

Project Subtype: Forest Grove

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Joshua Johnson

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000	\$400,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000	\$0	\$150,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000	\$400,000	\$550,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project is to plan, design, and construct a third aeration basin at Forest Grove WRRF. The project was identified in the 2025 West Basin Master Plan to be required by 2034. The project is expected to include a new secondary clarifier to replace aging Secondary Clarifier 1 and Secondary Clarifier 2 which are aging.

Project Detail

Project Name: FOREST GROVE GRIT STRUCTURE REHAB

Project Number:

Project Subtype: Forest Grove

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Joshua Johnson

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$80,000	\$0	\$0	\$0	\$0	\$80,000
Design and Engineering	\$0	\$0	\$0	\$0	\$20,000	\$0	\$0	\$0	\$0	\$20,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The project will replace the 48" gate at the Forest Grove Water Resource Recovery Facility grit structure, which is in poor condition from corrosion and not operable. Concrete around the gate is deteriorating and needs to be repaired and coated. The project will also include the inspection of all the grit structure channels, and if necessary, make repairs to other gates and concrete to extend the life of the structure.

Project Detail

Project Name: FOREST GROVE HHPS ODOR CONTROL

Project Number:

Project Subtype: Forest Grove

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Joshua Johnson

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$160,000	\$0	\$160,000	\$200,000	\$0	\$0	\$0	\$360,000
Design and Engineering	\$0	\$0	\$25,000	\$0	\$25,000	\$0	\$0	\$0	\$0	\$25,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$185,000	\$0	\$185,000	\$200,000	\$0	\$0	\$0	\$385,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Forest Grove WRRF High Head Pump Station (HHPS) allows for fugitive odors. This project makes minor fixes to reduce the headspace in abandoned channels and the wet well. The captured foul air would be routed to a canister-type carbon system for treatment. The project will also recoat the concrete of the HHPS wet well and replace aging pump isolation gates.

Project Detail

Project Name: FOREST GROVE INFLUENT SCREENINGS IMPROVEMENT

Project Number:

Project Subtype: Forest Grove

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Joshua Johnson

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$1,000,000	\$1,000,000	\$0	\$0	\$2,000,000
Design and Engineering	\$0	\$0	\$0	\$0	\$150,000	\$150,000	\$0	\$0	\$0	\$300,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$150,000	\$1,150,000	\$1,000,000	\$0	\$0	\$2,300,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Influent screenings at the facility has a firm capacity of 20 MGD, which does not meet current peak flow conditions. During the upgrade of the facility in 2008 it was decided to defer the installation of a third screen until flows increased in the West Basin. Providing a third mechanical screen will provide sufficient redundancy to handle expected future peak flows. Additional project elements include; hoisting equipment and room modifications to allow the screens to be rotated up out of the channels for maintenance, new isolation gates for better flow control, new platforms for access to the new equipment, extending the screenings sluiceway, and new electrical improvements. The timing of this project aligns with secondary process improvements to expand treatment capacity.

Project Detail

Project Name: HILLSBORO PLC UPGRADE TO ALLEN-BRADLEY - UMBRELLA

Project Number: 7392

Project Subtype: Hillsboro

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Kurt Reichert

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$100,000	\$100,000	\$100,000	\$0	\$0	\$0	\$200,000
Design and Engineering	\$0	\$0	\$50,000	\$30,000	\$50,000	\$50,000	\$0	\$0	\$0	\$100,000
Equipment and Materials	\$0	\$0	\$180,000	\$50,000	\$50,000	\$50,000	\$0	\$0	\$0	\$100,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$230,000	\$180,000	\$200,000	\$200,000	\$0	\$0	\$0	\$400,000
Other Funding	\$350,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Programmable logic controllers (PLC) are used throughout the Hillsboro facility to automate and monitor the treatment process. This project will replace Texas Instruments (TI)/Siemens PLC with Allen Bradley PLC components due to age and outdated software and improve reliability, security, and programming efficiency. PLC upgrades from TI/Siemens to Allen Bradley will focus on upgrades and demolition of PLC Panels in the Solids Building and Blower Building Electric Room. This includes upgrade of the Headworks PLC Panel 301-CP-005.

-PLC 1: Headworks - \$100,000

-PLC 1: Solids Building- \$100,000

Project Detail

Project Name: HILLSBORO MISCELLANEOUS UPGRADES

Project Number: 6373

Project Subtype: Hillsboro

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Joshua Johnson

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$60,000	\$60,000	\$140,000	\$70,000	\$70,000	\$70,000	\$0	\$350,000
Design and Engineering	\$0	\$0	\$40,000	\$40,000	\$30,000	\$10,000	\$10,000	\$10,000	\$0	\$60,000
Equipment and Materials	\$55,674	\$0	\$0	\$0	\$45,000	\$20,000	\$20,000	\$20,000	\$0	\$105,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$55,674	\$0	\$100,000	\$100,000	\$215,000	\$100,000	\$100,000	\$100,000	\$0	\$515,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This "umbrella" project is a fund for multiple, miscellaneous upgrades that typically are too small to be their own CIP project and consist of various optimization, enhancement, safety, or other projects that improve operations and maintenance. Projects will be added throughout the year based on department-wide prioritization agreement and available funding. A detailed list of proposed projects is below:

- Sludge Transfer Pump 3 Capacity Evaluation - \$30,000
- Sludge Transfer Pump 3 Controls - \$20,000
- MCC 12 ATS. - \$25,000
- Pneumatically-actuated blower valve replacement - \$40,000
- Odor control evaluation - \$30,000
- Primary Sludge underflow sludge pumps - \$25,000
- IPS scum blanket mixing pump - \$25,000
- Server room HVAC - \$20,000

Project Detail

Project Name: HILLSBORO FIBER RING UPGRADE

Project Number:

Project Subtype: Hillsboro

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Kurt Reichert

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$60,000	\$0	\$0	\$0	\$0	\$60,000
Design and Engineering	\$0	\$0	\$0	\$0	\$20,000	\$0	\$0	\$0	\$0	\$20,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$80,000	\$0	\$0	\$0	\$0	\$80,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The purpose of the project is to replace aging infrastructure to improve system reliability and resiliency through replacing multi-mode with single-mode fiber optics cable. The scope includes upgrade sections of Fiber Network at the Hillsboro Facility that connects the Administration Building to the Blower Building, Solids Building, and Headworks.

Project Detail

Project Name: HILLSBORO HEADWORKS REPLACEMENT

Project Number:

Project Subtype: Hillsboro

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Joshua Johnson

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,700,000	\$1,700,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,400,000	\$1,400,000	\$2,800,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,400,000	\$3,100,000	\$4,500,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project will replace the existing Hillsboro WRRF headworks with a new headworks structure and preliminary treatment processes. The project will address issues with existing headworks including lack of space, inaccessible equipment, corrosion, calculated influent flow metering, and poor ventilation. The location of the new headworks on-site needs to be confirmed, but tentatively the footprint of the existing Administration building is being considered. This would result in an additional need to relocate or provide a new Administration Building. The initial project evaluation study is planned for FY 27.

Project Detail

Project Name: HILLSBORO MCC2 REPLACEMENT

Project Number:

Project Subtype: Hillsboro

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Leigh Kojiro

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$80,000	\$0	\$0	\$0	\$80,000
Design and Engineering	\$0	\$0	\$0	\$0	\$30,000	\$5,000	\$0	\$0	\$0	\$35,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$30,000	\$85,000	\$0	\$0	\$0	\$115,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Hillsboro Water Resource Recovery Facility has electrical equipment that was installed as part of the original construction. MCC-2 was installed in 1969 and due to changes in the facility the electrical system can be simplified and replaced with a panelboard.

Project Detail

Project Name: HILLSBORO OUTFALL MAINTENANCE

Project Number:

Project Subtype: Hillsboro

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Joshua Johnson

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$60,000	\$0	\$0	\$60,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$30,000	\$0	\$0	\$0	\$30,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$30,000	\$60,000	\$0	\$0	\$90,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project will implement the recommendations of the NPDES permit-required outfall inspection report for the Hillsboro WRRF. The inspection noted needs to clear sediment from plugged/buried diffusers and replace scoured bedding for the in-water portion of the two outfalls.

Project Detail

Project Name: ROCK CREEK BIOGAS UTILIZATION

Project Number: 7307

Project Subtype: Rock Creek

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Karen Bill

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$2,000,000	\$0	\$2,000,000	\$7,500,000	\$0	\$0	\$0	\$9,500,000
Design and Engineering	\$0	\$212,238	\$2,000,000	\$700,000	\$1,000,000	\$800,000	\$0	\$0	\$0	\$1,800,000
Equipment and Materials	\$0	\$0	\$2,000,000	\$500,000	\$4,000,000	\$1,000,000	\$0	\$0	\$0	\$5,000,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$1,820	\$45,689	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$1,000,000	\$1,000,000	\$0	\$0	\$0	\$2,000,000
Plans and Studies	\$0	\$32,935	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$1,820	\$290,862	\$6,000,000	\$1,200,000	\$8,000,000	\$10,300,000	\$0	\$0	\$0	\$18,300,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project is to review and construct the best alternative for biogas utilization at Rock Creek WRRF. The previous cogeneration system was decommissioned in 2023. Currently, the Rock Creek WRRF anaerobic digestion process produces an average of 350 scfm of biogas and is anticipated to increase to 500 scfm within the next 20 years. Biogas boilers are currently used to generate heat for use throughout the Facility and excess biogas is flared. All digester biogas is generated in a single digester complex consisting of five mesophilic digesters. An economic analysis of alternatives showed best value project of a developing a CWS-owned renewable natural gas (RNG) facility. This project includes the installation of digester biogas treatment system to produce RNG quality gas for injection into the natural gas utility pipeline.

Project Detail

Project Name: ROCK CREEK RECYCLED WATER IMPROVEMENTS

Project Number: 7112

Project Subtype: Rock Creek

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: David Hammond

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$510,307	\$0	\$0	\$100,000	\$400,000	\$0	\$0	\$0	\$0	\$400,000
Design and Engineering	\$18,948	\$12,160	\$150,000	\$150,000	\$50,000	\$0	\$0	\$0	\$500,000	\$550,000
Equipment and Materials	\$8,911	\$61,405	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$96,246	\$23,143	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$66	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$634,478	\$96,708	\$150,000	\$250,000	\$450,000	\$0	\$0	\$0	\$500,000	\$950,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This is a Rock Creek Wastewater Treatment Facility liquids treatment process improvement project. Continuation of design for the west side of the interim Recycled Water Pump Station. This phase includes upgrading the West Reuse Pump, adding a recirculation pump, and replacing the dewatering pump.

Project Detail

Project Name: ROCK CREEK WASTE ACTIVATED SLUDGE (WAS) PUMPING SYSTEM IMPROVEMENTS

Project Number: 7108

Project Subtype: Rock Creek

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: David Hammond

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Design and Engineering	\$0	\$0	\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$10,000	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This is a Rock Creek WRRF solids improvement project. Improvements to East and West side waste activated sludge (WAS) pumping systems to allow accurate solids inventory management from West Secondary Clarifiers 1-6 and East Secondary Clarifiers 7-10. This effort includes analysis and review of existing conditions, as well as corrective measures to improve the process operations.

Project Detail

Project Name: WEST BASIN MASTER PLAN

Project Number: 7054

Project Subtype: Rock Creek

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Joshua Johnson

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$795,720	\$668,604	\$200,000	\$110,000	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Equipment and Materials	\$36,322	\$17,365	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$1,096,386	\$1,409,203	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$455	\$770	\$0	\$1,080,000	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$110,105	\$311,359	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$2,038,988	\$2,407,301	\$200,000	\$1,190,000	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Other Funding	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This is a Rock Creek, Hillsboro, and Forest Grove Water Resource Recovery Facility process improvements and related conveyance infrastructure project to update facility planning projections and capital improvement project scheduling. An updated West Basin Master Plan will provide the District and regulators with updated information on the treatment and conveyance system's condition and capacity, current and projected population, wastewater flows, and treatment plant loading. The Master Plan will also recommend projects to address system deficiencies, aging infrastructure, and capacity improvements needed to meet growth projections and changes in regulations. Additional work includes development of a Data Master Plan.

FY27 work includes Phase 3 of the master plan, which includes development of digital deliverables and tools, and a capacity analysis of the Twin 24 pipelines.

Project Detail

Project Name: ROCK CREEK PRIMARY CLARIFIER #4

Project Number: 7012

Project Subtype: Rock Creek

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Doug Gresham

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$15,345,178	\$9,882,529	\$300,000	\$700,000	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000
Design and Engineering	\$649,896	\$554,422	\$100,000	\$250,000	\$300,000	\$0	\$0	\$0	\$0	\$300,000
Equipment and Materials	\$106,460	\$10,539	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$522,851	\$451,392	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$777	\$10,661	\$0	\$23,200	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$16,427	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$16,641,589	\$10,909,543	\$400,000	\$973,200	\$1,300,000	\$0	\$0	\$0	\$0	\$1,300,000
Other Funding	\$4,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project at the Rock Creek WRRF focuses on liquid treatment process improvements to provide additional primary treatment and increase wet weather flow capacity. The primary clarifier is now operational. Improvements to the site entry roadway and the signalized intersection at Witch Hazel and River Road are being coordinated by IGA with Washington County and are expected to be completed in FY27.

Project Detail

Project Name: ROCK CREEK MISCELLANEOUS UPGRADES

Project Number: 6372

Project Subtype: Rock Creek

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: David Hammond

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$20,926	\$130,366	\$200,000	\$50,000	\$490,000	\$300,000	\$200,000	\$0	\$0	\$990,000
Design and Engineering	\$30,128	\$1,766	\$50,000	\$150,000	\$40,000	\$75,000	\$50,000	\$0	\$0	\$165,000
Equipment and Materials	\$187,292	\$218,404	\$25,000	\$285,000	\$300,000	\$75,000	\$75,000	\$0	\$0	\$450,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$86,808	\$144,520	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$325,154	\$495,056	\$275,000	\$485,000	\$830,000	\$450,000	\$325,000	\$0	\$0	\$1,605,000
Other Funding	\$325,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This "umbrella" project is a fund for multiple, miscellaneous upgrades that typically are too small to be their own CIP project and consist of various optimization, enhancement, safety, or other projects that improve operations and maintenance.

FY27: Aeration Basin 1&2 Mixed Liquor Return Baffle wall (\$60k), East Lime Silo Stairs (\$80k), InDENSE Pilot (\$70k), Gravity Belt Thickener Drain & Emergency Overflow piping replacement (\$350k), West Secondary Clarifier Optimization (\$20k), Chemical Tote Filling Station (\$40k), Density Meter for Twice Thickened Waste Activated Sludge (\$60k), Ostara/Struvite Recover Facility Acid Wash System (\$50k), Sampling Stations in East & West Galleries (\$25k), West side ChemScan Replacement (\$75k),

FY28: Dewatering conveyor lifting beams (\$50k), Influent Pump Station hatch install (\$115k) Chlorine Contact Basin dewatering pump improvements (\$60k), secondary clarifier launder covers (\$150k), East side ChemScan replacement (\$75k), Outfall Structure Repair (\$50k),

Project Detail

Project Name: ROCK CREEK AERATION BASIN #8

Project Number:

Project Subtype: Rock Creek

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Karen Bill

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000,000	\$3,000,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000,000	\$3,000,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This is a Rock Creek WRRF liquid treatment process improvement project. An expansion of the secondary treatment process is necessary by the year 2032 to meet MMDW conditions. This expansion would include a new aeration basin, secondary clarifier, and RAS/WAS pump station, increased blower capacity within the existing blower building, and an expansion to the existing primary effluent pump station. Costs were developed in the 2025 West Basin Master Plan for this expansion were based on the assumption that the new aeration basin will be configured similarly to existing Aeration Basins 6 and 7. Given the site constraints, it is recommended that within this first phase expansion of the secondary process, the configuration and construction of all the remaining aeration basins and secondary clarifiers required through the buildout phase should be evaluated.

Project Detail

Project Name: ROCK CREEK DEWATERING BUILDING ELEVATOR MODERNIZATION

Project Number:

Project Subtype: Rock Creek

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: David Hammond

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$550,000	\$0	\$0	\$550,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$50,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$600,000	\$0	\$0	\$600,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Rock Creek WRRF Dewatering Building elevator was originally installed in 1992 and is in need of upgrades due to lack of parts availability and poor working condition. An evaluation will be completed to investigate common failures of existing elevator and develop a scope for modernization to increase reliable usage and safety.

Project Detail

Project Name: ROCK CREEK EAST RAS CAPACITY IMPROVEMENTS

Project Number:

Project Subtype: Rock Creek

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Karen Bill

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$150,000	\$300,000	\$0	\$0	\$0	\$450,000
Design and Engineering	\$0	\$0	\$0	\$50,000	\$150,000	\$50,000	\$0	\$0	\$0	\$200,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$50,000	\$300,000	\$350,000	\$0	\$0	\$0	\$650,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This is a liquid stream improvements project for Rock Creek WRRF. The Secondary Treatment trains on the east side of the Facility, Aerations Basins 4 to 7 and Secondary Clarifiers 8 to 10, are currently out of firm Return Activated Sludge (RAS) capacity during peak flow events. This project will select new larger capacity pumps and address piping size limitations for current and future flow conditions.

Project Detail

Project Name: ROCK CREEK GRIT IMPROVEMENTS

Project Number:

Project Subtype: Rock Creek

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: David Hammond

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$700,000	\$2,850,000	\$0	\$0	\$3,550,000
Design and Engineering	\$0	\$0	\$0	\$0	\$300,000	\$100,000	\$50,000	\$0	\$0	\$450,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$300,000	\$800,000	\$2,900,000	\$0	\$0	\$4,000,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The existing Rock Creek WRRF grit removal system is in need of replacement due to both capacity and condition limitations. As part of the detailed evaluation of the grit system in the West Basin Master Plan recommended replacement with equipment with a different style grit system (WEMCO Hydrogritters or Huber Coanda). Grit removal system improvement will reduce the amount of grit being passed through to downstream processes and reduce overall operations and maintenance costs. Project planning and design are anticipated to start in FY27 and construction in FY28 and FY29.

Project Detail

Project Name: ROCK CREEK HEAT RECOVERY HEAT PUMP

Project Number:

Project Subtype: Rock Creek

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Karen Bill

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$1,400,000	\$0	\$0	\$1,400,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$50,000	\$100,000	\$0	\$0	\$150,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$50,000	\$1,500,000	\$0	\$0	\$1,550,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project is Phase 3 of the Rock Creek WRRF Heating water system improvements. This project includes the installation of a heat recovery heat pump to draw heat from the plant effluent stream and use it to heat the digesters and several HVAC loads in the Facility. This project may be eligible for incentives through the Energy Trust of Oregon.

Project Detail

Project Name: ROCK CREEK INFLUENT PUMP STATION FLOW TRANSFER UPGRADE Project Number:

Project Subtype: Rock Creek

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Jared Kinnear

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$750,000	\$0	\$750,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$100,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$750,000	\$0	\$850,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

As stated in the Recycled Water Master Plan, the Rock Creek IPS will be used to transfer influent flows to the Forest Grove WRRF. This transfer will allow the Forest Grove WRRF to create Class C Recycled Water and will supplement flows into the Fernhill NTS.

This project has the potential to include a slight modification to the Rock Creek Recycled Water Pump Station to switch forcemains from a Twin 24 to the extended Hillsboro High School (HillHi) Reuse Pipe.

Project Detail

Project Name: ROCK CREEK INFLUENT PUMP STATION PUMP CONE VALVE REPLACEMENT

Project Number:

Project Subtype: Rock Creek

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: David Hammond

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$900,000	\$0	\$0	\$900,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$100,000	\$50,000	\$0	\$0	\$150,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$100,000	\$950,000	\$0	\$0	\$1,050,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The cone valves at the Rock Creek WRRF Influent Pump Station pumps are aging and the accumulator system has failed. It is anticipated that the cone valves will need to be replaced with electric valves and actuators, replacing the hydraulic system. The plan is to complete an evaluation in FY27 and replacement in FY28.

Project Detail

Project Name: ROCK CREEK IPS ODOR CONTROL IMPROVEMENTS

Project Number:

Project Subtype: Rock Creek

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Karen Bill

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$50,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$50,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This is a Rock Creek WRRF liquid treatment process improvement project by improving the Influent Pump Station's activated carbon odor control system. The 2025 West Basin Master Plan reviewed odor control technologies, confirming that activated carbon was the most feasible odor control technology due to low or varying hydrogen sulfide levels. The existing system however is aging and will be in need of improvement.

This project will review odor treatment capacity and air discharge quality at the Influent Pump Station.

Project Detail

Project Name: ROCK CREEK LIME SYSTEM IMPROVEMENTS

Project Number:

Project Subtype: Rock Creek

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Karen Bill

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$925,000	\$0	\$0	\$925,000	\$0	\$0	\$0	\$925,000
Design and Engineering	\$0	\$0	\$75,000	\$0	\$75,000	\$0	\$0	\$0	\$0	\$75,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$1,000,000	\$0	\$75,000	\$925,000	\$0	\$0	\$0	\$1,000,000
Other Funding	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Rock Creek WRRF has two lime systems, one was originally installed in 1995 and the other in 1997, and both are reaching the end of their useful life. The systems requires high maintenance, are subject to frequent clogging, and controlling the lime feed is inefficient. The lime system is the only mechanism the plant has for controlling alkalinity in the aeration basins and is critical for controlling biological nutrient removal. The project would evaluate options, design, and construction improve the existing lime systems.

Project Detail

Project Name: ROCK CREEK PRIMARY POWER SUPPLY 2 UPGRADE

Project Number:

Project Subtype: Rock Creek

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Leigh Kojiro

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000	\$0	\$0	\$1,000,000
Design and Engineering	\$0	\$0	\$0	\$0	\$250,000	\$50,000	\$0	\$0	\$0	\$300,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$1,500,000	\$500,000	\$0	\$0	\$2,000,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$250,000	\$2,050,000	\$1,000,000	\$0	\$0	\$3,300,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Primary Power Supply 2 (PPS2) is critical for the power distribution at the Rock Creek Water Resource Recovery Facility. PPS2 was originally installed in 1987 and the equipment is obsolete and operates using outdated programs and functions which are being bypassed due to changes in the electrical distribution system over time. This switchgear is outdoors which limits when it can be maintained. This project will replace the switchgear with a feeder switch lineup.

Project Detail

Project Name: ROCK CREEK SWITCHBOARD 9 REPLACEMENT

Project Number:

Project Subtype: Rock Creek

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Leigh Kojiro

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000	\$500,000	\$0	\$700,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$85,000	\$10,000	\$5,000	\$0	\$100,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$800,000	\$200,000	\$0	\$1,000,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$85,000	\$1,010,000	\$705,000	\$0	\$1,800,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Rock Creek facility electrical Switchgear 9 was originally installed in 1991 and powers the Digester Complex and the Chemical Building. The switchgear breakers are starting to stick and delay in opening and closing. This project will replace the switchgear and supporting breakers to restore operational integrity of the electrical switchgear to maintain plant operational reliability and mitigate potential electrical safety hazards. Replacement of the switchgear equipment will also include the outdoor enclosure.

Project Detail

Project Name: ROCK CREEK TERTIARY BUILDING ELEVATOR MODERNIZATION

Project Number:

Project Subtype: Rock Creek

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Karen Bill

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$560,000	\$0	\$0	\$0	\$0	\$560,000
Design and Engineering	\$0	\$0	\$0	\$30,000	\$10,000	\$0	\$0	\$0	\$0	\$10,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$30,000	\$570,000	\$0	\$0	\$0	\$0	\$570,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Rock Creek WRRF Tertiary Building elevator is not in working order, and currently out of service. Due to the age of the elevator and availability of parts, a modernization is recommended to restore the elevator to working order. Condition review and development of modernization criteria to be developed in FY26 and construction to occur in FY27.

Project Detail

Project Name: ROCK CREEK TERTIARY EXPANSION

Project Number:

Project Subtype: Rock Creek

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: David Hammond

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,600,000	\$26,600,000	\$38,200,000
Design and Engineering	\$0	\$0	\$0	\$0	\$500,000	\$1,300,000	\$4,900,000	\$2,000,000	\$1,500,000	\$10,200,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$500,000	\$1,300,000	\$4,900,000	\$13,600,000	\$28,100,000	\$48,400,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This is a Rock Creek WRRF liquid treatment project. Additional tertiary filtration capacity is required to meet Maximum Month Dry Weather (MMDW) conditions, based on a hydraulic loading rate (HLR) of 4 gallons per minute per square foot (gpm/sf). A total of eight additional granular media filters are anticipated on the east side of the facility by 2032, assuming no pretreatment is implemented. The logical footprint for these filters extends into the vegetated corridor, increasing the complexity of permitting and construction. Per the 2025 West Basin Master Plan, it is recommended that new filters, filter support structure, including backwash supply and air scour equipment and improvements to the existing backwash waste equalization system be included in this project scope.

CleanWater  Services

Surface Water Management CIP Index

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FUND 206										
Project Name	Project #	Fund	FY26 Adopted	FY26 Revised	FY27 Budget	FY28 Budget	FY29 Budget	FY30 Budget	FY31 Budget	FY2027-31 Total
Field Operations Projects										
STORM SEWER R&R - UMBRELLA	7377	206	350,000	150,000	350,000	350,000	350,000	350,000	350,000	1,750,000
Field Operations Projects Total			350,000	150,000	350,000	350,000	350,000	350,000	350,000	1,750,000
Fleet/Vehicles Projects										
SWM HEAVY VEHICLE REPLACEMENT	6839	206	210,000	170,400	315,000	410,000	285,000	900,000	1,160,000	3,070,000
SWM LIGHT & MEDIUM DUTY VEHICLE REPLACEMENT	6838	206	-	-	-	140,000	90,000	120,000	-	350,000
Fleet/Vehicles Projects Total			210,000	170,400	315,000	550,000	375,000	1,020,000	1,160,000	3,420,000
206 Surface Water Management Total			560,000	320,400	665,000	900,000	725,000	1,370,000	1,510,000	5,170,000

FUND 212										
Project Name	Project #	Fund	FY26 Adopted	FY26 Revised	FY27 Budget	FY28 Budget	FY29 Budget	FY30 Budget	FY31 Budget	FY2027-31 Total
Field Operations Projects										
ARBOR LAKES DECANT VAULT SITE IMPROVEMENT	6975	212	25,000	25,000	110,000	-	-	-	-	110,000
SW BOWMONT STORM REHAB		212	25,000	-	200,000	200,000	-	-	-	400,000
Field Operations Projects Total			50,000	25,000	310,000	200,000	-	-	-	510,000
Conveyance Engineering Projects										
209TH AND INDUSTRIAL DR STORM IMPROVEMENTS	7078	212	-	-	-	-	-	150,000	100,000	250,000
185TH NEAR EWEN DR STORM IMPROVEMENT	7079	212	-	-	50,000	200,000	-	-	-	250,000
177TH & RICHARD CT STORM IMPROVEMENT		212	-	-	-	100,000	150,000	-	-	250,000
81ST PLACE & MILLER RD STORM IMPROVEMENT		212	-	-	25,000	150,000	-	-	-	175,000
ARRANMORE WAY NEAR MONTCLAIR ELEMENTARY STORM IMPROVEMENT		212	-	-	-	10,000	100,000	100,000	-	210,000
CEDAR HILLS BLVD STORM IMPROVEMENT		212	-	-	-	-	25,000	650,000	-	675,000
KING CHARLES AND QUEEN MARY STORM IMPROVEMENT		212	-	-	-	50,000	375,000	25,000	-	450,000
MADELINE & 186TH PL STORM IMPROVEMENT		212	-	-	-	-	50,000	25,000	-	75,000
PETTYGROVE ST NEAR TERRA LINDA ELEMENTARY STORM IMPROVEMENT		212	-	-	-	250,000	10,000	-	-	260,000
ROSA RD AND FARMINGTON RD STORM IMPROVEMENT		212	-	-	-	-	-	-	600,000	600,000
SOUTHWOOD DR STORM IMPROVEMENT		212	-	-	-	-	50,000	400,000	-	450,000
Conveyance Engineering Projects Total			-	-	75,000	760,000	760,000	1,350,000	700,000	3,645,000
Digital Solutions Projects										
IoT SENSOR DEPLOYMENT	7022	212	50,000	-	25,000	25,000	25,000	25,000	75,000	175,000
Digital Solutions Projects Total			50,000	-	25,000	25,000	25,000	25,000	75,000	175,000
Natural Systems Projects										
WETLAND MITIGATION MONITORING (SWM) - UMBRELLA	4944	212	160,000	187,000	199,100	26,400	18,700	9,900	-	254,100
SWM LIGHT & MEDIUM DUTY VEHICLE ADDITIONS	6222	212	-	-	45,000	-	-	-	-	45,000
PAYMENT TO PROVIDE PROJECTS - UMBRELLA	6522	212	25,000	-	-	25,000	25,000	25,000	-	75,000
WEST BETHANY CREEK ENHANCEMENT	6706	212	89,000	89,100	77,600	82,500	70,400	68,200	60,500	359,200
ABBIEY CREEK WEST- REACH C - RTC PROJECT	6911	212	225,000	-	-	247,500	-	-	-	247,500
VEGETATED CORRIDOR ENHANCEMENT - UMBRELLA	6927	212	362,000	267,200	378,800	302,700	334,600	147,400	115,500	1,279,000
177TH & VINCENT STORM IMPROVEMENT	7001	212	-	-	110,000	220,000	550,000	-	-	880,000
MCKERNAN CREEK STORMWATER IMPLEMENTATION PLAN	7327	212	180,000	198,000	66,000	-	-	-	-	66,000
SOUTH BULL MOUNTAIN STORMWATER IMPLEMENTATION PLAN	7350	212	180,000	11,000	198,000	-	-	-	-	198,000
CWS CENTRAL STREAM ENHANCEMENT	7356	212	20,000	-	22,000	22,000	22,000	22,000	22,000	110,000
HEALTHY STREAMS PLAN - SWM	7383	212	-	22,000	82,500	82,500	-	-	-	165,000
84TH CT AND COPELAND ST OUTFALL RETROFIT		212	-	-	-	-	55,000	55,000	440,000	550,000
BEEF BEND RD & 146TH AVE STORMWATER IMPROVEMENT		212	-	-	27,500	110,000	-	-	-	137,500
KINGSTON TERRACE STORMWATER MANAGEMENT APPROACHES		212	-	-	110,000	99,000	154,000	-	-	363,000
STORMWATER STRATEGIES - REAL TIME CONTROL IMPLEMENTATION PLACEHOLDER		212	-	-	-	-	275,000	275,000	275,000	825,000
SUBBASIN & SURFACE WATER PLANNING - PLACEHOLDER		212	-	-	-	-	220,000	220,000	220,000	660,000
MCKERNAN CREEK STORMWATER MANAGEMENT APPROACHES		212	-	-	-	110,000	220,000	220,000	-	550,000
STORMWATER FEE-IN-LIEU - UMBRELLA	7400	212	-	-	25,000	-	100,000	100,000	100,000	325,000
Natural Systems Projects Total			1,241,000	774,300	1,341,500	1,327,600	2,044,700	1,142,500	1,233,000	7,089,300

FUND 212

Project Name	Project #	Fund	FY26 Adopted	FY26 Revised	FY27 Budget	FY28 Budget	FY29 Budget	FY30 Budget	FY31 Budget	FY2027-31 Total
Regional Utility Service Projects										
SUBBASIN PLANNING PRIORITIZATION METHODOLOGY - UMBRELLA		212	150,000	50,000	100,000	-	-	-	-	100,000
Regional Utility Service Projects Total			150,000	50,000	100,000	-	-	-	-	100,000

Fund 212 Surface Water Management Total			\$ 1,491,000	\$ 849,300	\$ 1,851,500	\$ 2,312,600	\$ 2,829,700	\$ 2,517,500	\$ 2,008,000	\$ 11,519,300
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CLOSED Surface Water Management Projects			\$ 452,500	\$ 1,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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Total Surface Water Management Projects			\$ 2,503,500	\$ 1,171,100	\$ 2,516,500	\$ 3,212,600	\$ 3,554,700	\$ 3,887,500	\$ 3,518,000	\$ 16,689,300
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Field Operations	660,000	550,000	350,000	350,000	350,000	2,260,000
Fleet/Vehicle	315,000	550,000	375,000	1,020,000	1,160,000	3,420,000
Conveyance	75,000	760,000	760,000	1,350,000	700,000	3,645,000
Digital Solutions	25,000	25,000	25,000	25,000	75,000	175,000
Natural Systems	1,341,500	1,327,600	2,044,700	1,142,500	1,233,000	7,089,300
Regional Utility Svcs	100,000	-	-	-	-	100,000
Totals	\$ 2,516,500	\$ 3,212,600	\$ 3,554,700	\$ 3,887,500	\$ 3,518,000	\$ 16,689,300

Surface Water Management CIP Project List

Project Detail

Project Name: STORM SEWER R&R - UMBRELLA

Project Number: 7377

Project Subtype: Field Operations

Fund: 206 – Capital Replacement & Renewal – SWM

Project Manager: Gabe Sohler

Project Status: Open

Department/Program: UOPS - Field Ops

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$350,000	\$150,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$1,750,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$350,000	\$150,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$1,750,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The tasks in this project include the replacement/renewal of existing storm sewer conveyance system assets. Projects proposed for FY27 include:

1. 123rd and Greenwood storm rehabilitation \$150,000
2. Blanton and 185th storm rehabilitation. \$50,000
3. Rock Creek Blvd storm rehabilitation. \$150,000

Project Detail

Project Name: SWM HEAVY VEHICLE REPLACEMENT

Project Number: 6839

Project Subtype: Replacement and Renewal (Fleet)

Fund: 206 – Capital Replacement & Renewal – SWM

Project Manager: Steve McNeill

Project Status: Open

Department/Program: UOPS - Field Ops

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$123,789	\$215,310	\$210,000	\$170,400	\$315,000	\$410,000	\$285,000	\$900,000	\$1,160,000	\$3,070,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$123,789	\$215,310	\$210,000	\$170,400	\$315,000	\$410,000	\$285,000	\$900,000	\$1,160,000	\$3,070,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project is an umbrella for the purchase of replacement heavy duty vehicles for the stormwater management program.

Vehicles are identified for the upcoming fiscal year:

Vehicle #284 - UOPS SWM Surface Facilities Maintenance Program 8383, Replacement cost \$245,000.00. Wheel loader DEQ mitigation award grant 25% reimbursement by 10/15/2026,

Vehicle #306 - UOPS SWM Surface Facilities Maintenance Program 8383, Replacement cost \$70,000.00.

Project Detail

Project Name: SWM LIGHT & MEDIUM DUTY VEHICLE REPLACEMENT

Project Number: 6838

Project Subtype: Replacement and Renewal (Fleet)

Fund: 206 – Capital Replacement & Renewal – SWM

Project Manager: Steve McNeill

Project Status: Open

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$84,613	\$0	\$0	\$0	\$0	\$140,000	\$90,000	\$120,000	\$0	\$350,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$84,613	\$0	\$0	\$0	\$0	\$140,000	\$90,000	\$120,000	\$0	\$350,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project is an umbrella for the purchase of replacement light and medium duty vehicles for the stormwater management program. No new vehicles are identified for the upcoming fiscal year.

Project Detail

Project Name: ARBOR LAKES DECANT VAULT SITE IMPROVEMENT

Project Number: 6975

Project Subtype: Field Operations

Fund: 212 - SWM Projects and Construction

Project Manager: Ryan Sandhu

Project Status: Open

Department/Program: UOPS - Field Ops

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Design and Engineering	\$0	\$0	\$25,000	\$25,000	\$10,000	\$0	\$0	\$0	\$0	\$10,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$25,000	\$25,000	\$110,000	\$0	\$0	\$0	\$0	\$110,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project includes planning, design, and construction of a vector decant vault and sweeper debris box site to support Stormwater Management (SWM) operations and maintenance functions in the North Bethany area.

Project Detail

Project Name: SW BOWMONT STORM REHAB

Project Number:

Project Subtype: Field Operations

Fund: 212 - SWM Projects and Construction

Project Manager: Gabe Sohler

Project Status: Candidate

Department/Program: UOPS - Field Ops

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$200,000	\$200,000	\$0	\$0	\$0	\$400,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$25,000	\$0	\$200,000	\$200,000	\$0	\$0	\$0	\$400,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project includes rehabilitation of 1200 linear feet (LF) of 24" and 30" concrete storm sewer. The project was identified as the highest priority for repair through High Priority Repair analysis.

Project Detail

Project Name: 209TH AND INDUSTRIAL DR STORM IMPROVEMENTS

Project Number: 7078

Project Subtype: Stormwater Conveyance System

Fund: 212 - SWM Projects and Construction

Project Manager: Wade Denny

Project Status: Open

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000	\$200,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$0	\$50,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000	\$100,000	\$250,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The stormwater conveyance system along SW Industrial Way, east of SW 209th Ave, was identified as a high priority project during the Washington County 209th Street Improvement project to connect the adjacent storm system into the upgraded storm system in 209th Ave. The new 209th storm system will allow the District to disconnect the failing backyard ditched system and connect businesses to new storm system in 209th. Most of the project is within right-of-way or existing easements, no additional permanent easements are anticipated, however temporary construction access may be required. Maintenance holes and inlets will be investigated for structural integrity. Ductile iron or C900 may be used, if shallow alignment is required.

Project Detail

Project Name: 185TH NEAR EWEN DR STORM IMPROVEMENT

Project Number: 7079

Project Subtype: Stormwater Conveyance System

Fund: 212 - SWM Projects and Construction

Project Manager: Wade Denny

Project Status: Open

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$200,000	\$0	\$0	\$0	\$200,000
Design and Engineering	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$50,000	\$200,000	\$0	\$0	\$0	\$250,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The stormwater conveyance system crossing SW 185th Ave., near SW Ewen Drive, was identified as a high priority project during the annual stormwater system investigation. Discussions with Field Operation staff identified this location has difficult to maintain in its current condition. It has not been prioritized due to the location is beneath the concrete road section, which is difficult (and expensive) to repair during construction. The majority of this pipe can not be evaluated due to the debris and obstructions in the pipe, that can not be resolved with cleaning. Pipe assessment video shows large holes that may be prone to collapse and infiltration. (PACP rating is 5200). Most of the project is within right-of-way or existing easements, no additional permanent easements are anticipated, however temporary construction access may be required. Maintenance holes (MH) will be investigated for structural integrity. Catch basins (CB) will be replaced as necessary with sumped CBs. Ductile iron or C900 may be used, if shallow alignment is required. This project may be in coordination with Washington County's Road Improvement fund.

Project Detail

Project Name: 177TH & RICHARD CT STORM IMPROVEMENT

Project Number:

Project Subtype: Stormwater Conveyance System

Fund: 212 - SWM Projects and Construction

Project Manager: Wade Denny

Project Status: Candidate

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$50,000	\$150,000	\$0	\$0	\$200,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$50,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$100,000	\$150,000	\$0	\$0	\$250,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Pipe replacement of submerged outlet in Butternut Creek, upstream of Farmington Rd. Butternut creek backwater effect due to culverts under Farmington Road and Bales pond, and metal pipe failure between homes are expected to be addressed during this project.

Project Detail

Project Name: 81ST PLACE & MILLER RD STORM IMPROVEMENT

Project Number:

Project Subtype: Stormwater Conveyance System

Fund: 212 - SWM Projects and Construction

Project Manager: Wade Denny

Project Status: Candidate

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$100,000
Design and Engineering	\$0	\$0	\$0	\$0	\$25,000	\$50,000	\$0	\$0	\$0	\$75,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$25,000	\$150,000	\$0	\$0	\$0	\$175,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The stormwater conveyance system crossing SW Miller Road, near SW 81st Street, was identified as a high priority project during the annual storm water system investigation. Discussions with Field Operation Staff identified this location has difficult to maintain in its current condition. Pipe assessment video shows large holes with missing pipe material and multiple pipe fractures that are prone to collapse and infiltration. (PACP rating is 4131) Evaluation needs to be completed in FY29 to confirm the extent of the project which potentially consists of upgrading approximately 150 linear feet (LF) of 12" diameter concrete pipe. Most of the project is within right-of-way or existing easements, no additional permanent easements are anticipated, however temporary construction access may be required. Maintenance holes (MH) will be investigated for structural integrity also. Catch basins (CB) will be replaced as necessary with sumped CBs. Ductile iron or C900 may be used, if shallow alignment is required. This project may be in coordination with Washington County's Road Improvement fund.

Project Detail

Project Name: ARRANMORE WAY NEAR MONTCLAIR ELEMENTARY STORM IMPROVEMENT

Project Number:

Project Subtype: Stormwater Conveyance System

Fund: 212 - SWM Projects and Construction

Project Manager: Wade Denny

Project Status: Candidate

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$75,000	\$75,000	\$0	\$150,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$10,000	\$25,000	\$25,000	\$0	\$60,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$10,000	\$100,000	\$100,000	\$0	\$210,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The stormwater conveyance system on SW Arranmore Way near Montclair Elementary School, was identified as a high priority project during the annual storm water system investigation. Discussions with Field Operation Staff identified this location has difficult to access in its current condition. The pipe assessment video shows extreme oxidation (rust) throughout the pipe with large holes that are prone to collapse and infiltration. Failing pipe segment is approximately 250 linear feet (LF), with 100 LF as the critical section (heavy rust deposits). (PACP rating is incorrectly identified as 0000). The pipe spans multiple properties and is adjacent to an elementary school.

Project Detail

Project Name: CEDAR HILLS BLVD STORM IMPROVEMENT

Project Number:

Project Subtype: Stormwater Conveyance System

Fund: 212 - SWM Projects and Construction

Project Manager: Wade Denny

Project Status: Candidate

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$0	\$500,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000	\$150,000	\$0	\$175,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000	\$650,000	\$0	\$675,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The stormwater conveyance system downstream of SW Cedar Hills Blvd, was identified as a high priority project during the annual stormwater system investigation. Most of the project is within right-of-way or existing easements, no additional permanent easements are anticipated, however temporary construction access may be required. Maintenance holes (MH) and inlets will be investigated for structural integrity. Catch basins (CB) will be replaced as necessary with sumped CBs as well as installation of Water Quality treatment opportunities. Ductile iron or C900 may be used, if shallow alignment is required. This project may be eligible to be partially funded and coordinated with Washington County's Road Improvement fund

Project Detail

Project Name: KING CHARLES AND QUEEN MARY STORM IMPROVEMENT

Project Number:

Project Subtype: Stormwater Conveyance System

Fund: 212 - SWM Projects and Construction

Project Manager: Wade Denny

Project Status: Candidate

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$350,000	\$25,000	\$0	\$375,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$50,000	\$25,000	\$0	\$0	\$75,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$50,000	\$375,000	\$25,000	\$0	\$450,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Replace approximately 600 linear feet (LF) of existing 12-inch storm infrastructure near SW King Charles Ave & SW Queen Mary Ave. The Pipeline Assessment Certification Program ratings (4100, 4100, 5122, 5131, 5144, 5433, 5526) investigation shows that portions of the pipe are severely cracked or broken at the top, and prone to collapse and infiltration. The entire storm line is to be replaced with 12-15 in diameter pipe. Maintenance holes (MH) will be investigated for structural integrity also. Catch basins (CB) will be replaced as necessary with sumped CBs. Ductile iron or C900 may be used for portions that run under SW King Charles Ave and SW Queen Mary Ave, if shallow alignment is required.

Project Detail

Project Name: MADELINE & 186TH PL STORM IMPROVEMENT

Project Number:

Project Subtype: Stormwater Conveyance System

Fund: 212 - SWM Projects and Construction

Project Manager: Wade Denny

Project Status: Candidate

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000	\$0	\$25,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$50,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$25,000	\$0	\$75,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The storm water conveyance system crossing SW Madeline Road, near SW 186th Place and adjacent to Aloha High School, was identified as a high priority project during the annual storm water system investigation. Discussions with Field Operation Staff identified this location has difficult to maintain in its current condition. Pipe assessment video shows severally oxidized (rust) pipe with completely missing pipe bottom and multiple holes that are prone to collapse and infiltration. (Pipeline Assessment Certification Program rating is 5200). Evaluation needs to be completed to confirm the extent of the project which potentially consists of upgrading approximately 90 linear feet (LF) of 30" diameter concrete pipe. Most of the project is within right-of-way or existing easements, no additional permanent easements are anticipated, however temporary construction access may be required. Ductile iron or C900 may be used, if shallow alignment is required. This project may be in coordination with Washington County's Road Improvement fund.

Project Detail

Project Name: PETTYGROVE ST NEAR TERRA LINDA ELEMENTARY STORM IMPROVEMENT

Project Number:

Project Subtype: Stormwater Conveyance System

Fund: 212 - SWM Projects and Construction

Project Manager: Wade Denny

Project Status: Candidate

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$190,000	\$10,000	\$0	\$0	\$200,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$50,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$10,000	\$0	\$0	\$0	\$10,000
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$250,000	\$10,000	\$0	\$0	\$260,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The stormwater conveyance system on SW Pettygrove St near Terra Linda Elementary School and Park pathway, was identified as a high priority project during the annual stormwater system investigation. Discussions with Field Operation Staff identified this location has difficult to access in its current condition. The pipe assessment video shows the pipe bottom missing and some oxidation (rust) throughout the pipe with large holes that are prone to collapse and infiltration. Failing pipe segment is approximately 600 linear feet (LF) of 15" pipe. (Pipeline Assessment Certification Program rating is 5200). The pipe spans multiple properties and is adjacent to an elementary school. Most of the project is within right-of-way or existing easements, no additional permanent easements are anticipated, however temporary construction access may be required. Maintenance holes (MH) and inlets will be investigated for structural integrity.

Project Detail

Project Name: PETTYGROVE ST NEAR TERRA LINDA ELEMENTARY STORM IMPROVEMENT

Project Number:

Project Subtype: Stormwater Conveyance System

Fund: 212 - SWM Projects and Construction

Project Manager: Wade Denny

Project Status: Candidate

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$190,000	\$10,000	\$0	\$0	\$200,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$50,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$10,000	\$0	\$0	\$0	\$10,000
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$250,000	\$10,000	\$0	\$0	\$260,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The stormwater conveyance system on SW Pettygrove St near Terra Linda Elementary School and Park pathway, was identified as a high priority project during the annual stormwater system investigation. Discussions with Field Operation Staff identified this location has difficult to access in its current condition. The pipe assessment video shows the pipe bottom missing and some oxidation (rust) throughout the pipe with large holes that are prone to collapse and infiltration. Failing pipe segment is approximately 600 linear feet (LF) of 15" pipe. (Pipeline Assessment Certification Program rating is 5200). The pipe spans multiple properties and is adjacent to an elementary school. Most of the project is within right-of-way or existing easements, no additional permanent easements are anticipated, however temporary construction access may be required. Maintenance holes (MH) and inlets will be investigated for structural integrity.

Project Detail

Project Name: SOUTHWOOD DR STORM IMPROVEMENT

Project Number:

Project Subtype: Stormwater Conveyance System

Fund: 212 - SWM Projects and Construction

Project Manager: Wade Denny

Project Status: Candidate

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000	\$0	\$400,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$50,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$400,000	\$0	\$450,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The stormwater conveyance system on Southwood Drive, near SW 63rd was identified as a high priority project during the annual stormwater system investigation. Discussions with Field Operation Staff identified this location has difficult to maintain in its current condition near the connection with ODOT on I5. Pipe assessment video shows multiple holes that are prone to collapse and infiltration. (Pipeline Assessment Certification Program rating is 5132 & 4B3A). Evaluation needs to be completed to confirm the extent of the project which potentially consists of upgrading approximately 500 linear feet (LF) of 18" diameter concrete pipe. Most of the project is within right-of-way or existing easements, no additional permanent easements are anticipated, however temporary construction access may be required. Pipe lining can be considered. Ductile iron or C900 may be used, if shallow alignment is required. Structures (catch basins (CB) and maintenance holes (MH)) need to be evaluated and replacement may be required. A water quality maintenance hole should be considered near the connection with ODOT system. This project may be in coordination with Clackamas County's Road Improvement fund.

Project Name: IoT SENSOR DEPLOYMENT

Project Number: 7022

Project Subtype: Business Applications

Fund: 212 - SWM Projects and Construction

Project Manager: John Shaw

Project Status: Open

Department/Program: Digital Solutions

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$45,059	\$49,400	\$50,000	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$21,710	\$7,528	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$1,055	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$67,824	\$56,928	\$50,000	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$75,000	\$175,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

CWS has been developing a pilot for the Meadow Board, a custom-designed microcontroller, for use for IoT sensors in the field. Our primary objectives are to enhance security, streamline operations, and facilitate the efficient delivery of telemetry devices throughout Clean Water Services. Costs for FY27 include delivery of additional microcontrollers and peripherals connected to the microcontroller as the pilot program continues.

Project Detail

Project Name: WETLAND MITIGATION MONITORING (SWM)

Project Number: 4944

Project Subtype: NSES Enhancement

Fund: 212 - SWM Projects and Construction

Project Manager: Matthew Brennan

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$98,626	\$101,698	\$103,000	\$122,000	\$175,000	\$20,000	\$15,000	\$8,000	\$0	\$218,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$18,127	\$20,517	\$19,000	\$23,000	\$6,000	\$4,000	\$2,000	\$1,000	\$0	\$13,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$27,312	\$22,982	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$17,800	\$26,063	\$38,000	\$42,000	\$18,100	\$2,400	\$1,700	\$900	\$0	\$23,100
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$11,410	\$5,250	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$173,275	\$176,510	\$160,000	\$187,000	\$199,100	\$26,400	\$18,700	\$9,900	\$0	\$254,100
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This is an umbrella project with multiple and separate projects located throughout the district. Projects involve enhancement work required by environmental permits for various surface water management (SWM) projects, including water quality and quantity facilities, conveyances and culverts, after construction and initial planting is completed. Included in these projects are necessary maintenance which varies in duration depending on permit requirements and site conditions, management of invasive species, inter-planting and site inspection and monitoring. For FY27, there are 2 project sites across 122 acres: Portland Community College - Rock Creek Resilient Stream Corridor enhancement (\$170,500); Butternut Creek at 198th Resilient Stream Corridor enhancement (\$28,600).

Project Detail

Project Name: SWM LIGHT & MEDIUM DUTY VEHICLE ADDITIONS

Project Number: 6222

Project Subtype: Fleet

Fund: 212 - SWM Projects and Construction

Project Manager: Steve McNeill

Project Status: Open

Department/Program: UOPS - Field Ops

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$66,912	\$74,384	\$0	\$0	\$45,000	\$0	\$0	\$0	\$0	\$45,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$66,912	\$74,384	\$0	\$0	\$45,000	\$0	\$0	\$0	\$0	\$45,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project is an umbrella for the purchase of new light and medium duty vehicles for the stormwater management program.

Vehicles are identified for the upcoming fiscal year:

SWM Surface Facility Maintenance, (Program 8383), 1) Raymo Electric Torpedo Slope mower, \$45,000.00

Project Detail

Project Name: PAYMENT TO PROVIDE PROJECTS

Project Number: 6522

Project Subtype: NSES Enhancement

Fund: 212 - SWM Projects and Construction

Project Manager: Rich Hunter

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$4,389	\$0	\$22,000	\$0	\$0	\$22,000	\$22,000	\$22,000	\$0	\$66,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$3,000	\$0	\$0	\$3,000	\$3,000	\$3,000	\$0	\$9,000
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$4,389	\$0	\$25,000	\$0	\$0	\$25,000	\$25,000	\$25,000	\$0	\$75,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Payment to Provide (PTP) is an umbrella project with multiple project sites. It is supported by mitigation funds paid by developers to offset encroachments into the Vegetated Corridor regulated area. These projects are an essential strategy to meeting regulatory compliance by deploying environmental improvements that replace the function and value of impacted Vegetated Corridor areas and protect the mitigated area in perpetuity with a Water Quality Preservation Easement. Projects often leverage resources provided by partnering agencies and jurisdictions. Additional sites may be added during the fiscal year.

Project Detail

Project Name: WEST BETHANY CREEK ENHANCEMENT

Project Number: 6706

Project Subtype: NSES Enhancement

Fund: 212 - SWM Projects and Construction

Project Manager: Matthew Brennan

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$230,189	\$43,275	\$61,000	\$61,000	\$56,500	\$75,000	\$64,000	\$62,000	\$55,000	\$312,500
Design and Engineering	\$5,637	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$12,540	\$10,954	\$20,000	\$20,000	\$14,000	\$0	\$0	\$0	\$0	\$14,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$32,766	\$5,889	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$12,043	\$5,276	\$8,000	\$8,100	\$7,100	\$7,500	\$6,400	\$6,200	\$5,500	\$32,700
Plans and Studies	\$990	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$294,165	\$65,394	\$89,000	\$89,100	\$77,600	\$82,500	\$70,400	\$68,200	\$60,500	\$359,200
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project is needed to achieve surface water management goals and objectives for water quantity. Expenses projected follow a surface water management strategy that incorporates natural features, landscape and vegetation, and restoration activities along with structural surface water practices. By limiting channel and corridor degradation, floodplain disconnection, erosion potential and hydromodification this proven and cost-effective strategy adds value by enhancing existing natural areas and features.

The project area begins at a point where Bethany Creek crosses NW Kaiser Road, approximately 450 feet north of SW Springville Road and extends westward, downstream, approximately 4,500 linear feet to Bethany Creek's confluence with Springville Creek, approximately 450 feet south of SW Springville Road and 400 feet east of NW Samuel Drive. The project area is immediately downstream of the Bethany Creek Enhancement project and immediately upstream of the Springville Creek project, effectively providing stream reach scale enhancement and surface water management consistent with the Landscape Conservation Strategy approach.

Budget considerations account for a project area that contains a stream channel of varied width and depth with adjacent wetland, floodplain and vegetative corridor of varied width. Due to the existence of a large, wide floodplain readily adjacent to this stream channel the District intends to implement a variety of natural and "light touch" improvements to enhance, preserve and protect the natural resource area while addressing surface water management goals and objectives. Construction is complete; Revegetation will continue in FY27.

Project Detail

Project Name: ABBEY CREEK WEST- REACH C - RTC PROJECT

Project Number: 6911

Project Subtype: Stormwater Conveyance System

Fund: 212 - SWM Projects and Construction

Project Manager: Matthew Brennan

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$100,000	\$0	\$0	\$100,000	\$0	\$0	\$0	\$100,000
Design and Engineering	\$0	\$0	\$25,000	\$0	\$0	\$25,000	\$0	\$0	\$0	\$25,000
Equipment and Materials	\$0	\$0	\$100,000	\$0	\$0	\$100,000	\$0	\$0	\$0	\$100,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$836	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$22,500	\$0	\$0	\$0	\$22,500
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$836	\$0	\$225,000	\$0	\$0	\$247,500	\$0	\$0	\$0	\$247,500
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Reach C, Real Time Control (RTC) Project of Abbey Creek West is an enhancement project and a component of the integrated strategy to protect and improve the West Tributary to Abbey Creek (WTAC) as described in the Abbey Creek West Trib Reach C Project No. 6709. Abbey Creek West Tributary Reach C includes the reconstruction of a berm which forms the Gooderham pond with 3.5 acre-feet of storage. This Reach C RTC Project is for the installation of RTC monitoring equipment, valve, actuator, and software for continuous monitoring, automated control and adaptive management of the surface water facility. Installation of the RTC system will take place when private development takes place and extends electricity to the vicinity. Conduits were not included by the developer as requested, so additional work will be needed to provide power, instrumentation, and control to the equipment.

Project Detail

Project Name: VEGETATED CORRIDOR ENHANCEMENT

Project Number: 6927

Project Subtype: NSES Enhancement

Fund: 212 - SWM Projects and Construction

Project Manager: Rich Hunter

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$128,963	\$122,001	\$265,000	\$172,900	\$220,900	\$215,000	\$282,500	\$129,000	\$100,000	\$947,400
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$28,699	\$35,813	\$72,000	\$70,000	\$121,000	\$60,200	\$21,700	\$5,000	\$5,000	\$212,900
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$6,612	\$11,009	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$2,144	\$0	\$25,000	\$24,300	\$36,900	\$27,500	\$30,400	\$13,400	\$10,500	\$118,700
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$166,418	\$168,823	\$362,000	\$267,200	\$378,800	\$302,700	\$334,600	\$147,400	\$115,500	\$1,279,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This is an umbrella project that includes multiple sites where CWS is conducting vegetation management on behalf of developers to meet enhancement requirements for the Vegetated Corridor regulated area. The costs are offset by developer fees collected through the environmental review process. The purpose of these projects is to deploy environmental improvements in accordance with CWS design and construction standards that enhance the function and value of Vegetated Corridor areas, protect the Vegetated Corridor area in perpetuity with a Water Quality Preservation Easement. Projects may include partnerships with other agencies and jurisdictions. For FY 27, there are 23 project sites for a total of 96 acres. Additional sites may be added during the fiscal year. Active projects:

- VCEF - Fanno Creek Riverside Homes (\$33,000)
- VCEF - WTAC Noyes (\$2,200)
- VCEF - McKay Creek Kemmer Meadows (\$9,240)
- VCEF - Bronson Creek - OHSU (\$11,000)
- VCEF - Reedville Creek Frances Street Park (\$2,750)
- VCEF - WTAC Hosford Farms (\$18,700)
- VCEF - Hedges Creek Hedges C Business Park (\$27,500)
- VCEF - Basin 13 (\$ 5,500)
- VCEF SW Walnut Street (\$16,500)
- VCEF - Gales Creek Terrace (\$3,300)
- Cedar Creek Tonquin Trail VCEF (\$11,000)
- VCEF Stites Nature Park (\$19,800)
- VCEF - Dairy Creek Park Disc Golf Course (\$16,500)
- VCEF - Aloha Park Apartments (\$1,650)
- VCEF - Tigard Senior Living Expansion (\$3,300)
- VCEF - River Terrace Crossing (\$33,000)
- VCEF - Fanno Creek Trail (\$88,000)
- VCEF - DW Homes Reserve at Cedar Creek (\$19,800)
- VCEF - Amberglen Apartments (\$16,500), VCEF - DW Homes Durham Subdivision (\$11,000), VCEF - Nyberg Creek Trail (\$14,300), VCEF - THPRD - Springville Extension (\$14,300)

Project Detail

Project Name: 177TH & VINCENT STORM IMPROVEMENT

Project Number: 7001

Project Subtype: Stormwater Conveyance System

Fund: 212 - SWM Projects and Construction

Project Manager: Matthew Brennan

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$200,000	\$500,000	\$0	\$0	\$700,000
Design and Engineering	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$10,000	\$20,000	\$50,000	\$0	\$0	\$80,000
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$110,000	\$220,000	\$550,000	\$0	\$0	\$880,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The stormwater conveyance system crossing SW Vincent Avenue, west of SW 177th Avenue, continuing south to approximately 179th & Jersey Ct in Aloha. Project was identified as a high priority project during the annual stormwater system assessment. Pipe video shows multiple holes with missing pipe material and multiple pipe fractures. (PACP rating is 5542) The project will also relocate back yard conveyance infrastructure to the right-of-way. Most of the project is within right-of-way or existing easements, no additional permanent easements are anticipated, however temporary construction access may be required. Additionally, this project contains two existing storm ponds, where analysis of rerouting flow to these facilities will be evaluated as well as adding additional water quality treatment to the existing facility on Beaverton School District site

Project Detail

Project Name: MCKERNAN CREEK STORMWATER IMPLEMENTATION PLAN

Project Number: 7327

Project Subtype: Plans and Studies

Fund: 212 - SWM Projects and Construction

Project Manager: Abbey Rhode

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$55,000	\$0	\$0	\$0	\$0	\$55,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$4,374	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$15,000	\$33,000	\$11,000	\$0	\$0	\$0	\$0	\$11,000
Plans and Studies	\$0	\$58,257	\$165,000	\$165,000	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$62,631	\$180,000	\$198,000	\$66,000	\$0	\$0	\$0	\$0	\$66,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project will create a master implementation plan for stormwater management associated with the developing urban areas of South Cooper Mountain in the McKernan Creek drainage basin. The City of Beaverton has been leading the stormwater utility plan which were approved by City Council in 2024. The City has invited contribution from CWS in order to further develop a regional approach to stormwater management that would focus on maximizing ecological uplift and stream resilience of this sensitive environmental area. The plan will produce a list of specific implementable projects to ensure effective management of stormwater runoff for water quality and quantity, minimize environmental impact, comply with all relevant regulations and protect property and public safety within the new urban development and surrounding areas. Project partners include City of Beaverton, Washington County, Metro, private landowners and developers. The scope of work for the planning effort involves public outreach, environmental assessments, analysis and modeling, best management practice (BMP) selection and design, and infrastructure planning for pipes, stream channels, stormwater treatment facilities and ecological enhancement.

Project Detail

Project Name: SOUTH BULL MOUNTAIN STORMWATER IMPLEMENTATION PLAN

Project Number: 7350

Project Subtype: Stormwater Conveyance System

Fund: 212 - SWM Projects and Construction

Project Manager: Rich Hunter

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$15,000	\$1,000	\$33,000	\$0	\$0	\$0	\$0	\$33,000
Plans and Studies	\$0	\$0	\$165,000	\$10,000	\$165,000	\$0	\$0	\$0	\$0	\$165,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$180,000	\$11,000	\$198,000	\$0	\$0	\$0	\$0	\$198,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project will create a master implementation plan for stormwater management associated with the developing urban areas of King City and Tigard in the South Bull mountain regional area. This implementation plan will build on the recently completed regional stormwater strategy for the area which included multiple rounds of public meetings to gather input and feedback on the strategy. The plan will produce a list of specific implementable projects to ensure effective management of stormwater runoff for water quality and quantity, minimize environmental impact, comply with all relevant regulations and protect property and public safety within the new urban development and surrounding areas. Project partners include King City, Tigard, Washington County, Metro, private landowners and developers. The scope of work for the planning effort involves public outreach, environmental assessments, analysis and modeling, best management practice (BMP) selection and design, and infrastructure planning for pipes, stream channels, stormwater treatment facilities and ecological enhancement.

Project Name: CWS CENTRAL STREAM ENHANCEMENT

Project Number: 7356

Project Subtype: NSES Enhancement

Fund: 212 - SWM Projects and Construction

Project Manager: Jill Erickson

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$14,000	\$0	\$14,000	\$14,000	\$14,000	\$14,000	\$14,000	\$70,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$10,000
Plans and Studies	\$0	\$0	\$6,000	\$0	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$30,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$20,000	\$0	\$22,000	\$22,000	\$22,000	\$22,000	\$22,000	\$110,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Located at the headwaters of a unnamed tributary to Willow creek, the project is located on the new CWS Central property. The proposed project will enhance 700 linear feet of stream and beaver influenced wetlands. It will improve water quality and wetland functions and reduce the maintenance of two adjacent WQFs. The integrated project will include field operations and facility maintenance departments to develop a strategy for beaver co-existence and integrating native plants into the surrounding landscaping. Potential partners include neighboring businesses and Oregon Department of Transportation.

Project Detail

Project Name: HEALTHY STREAMS PLAN - SWM

Project Number: 7383

Project Subtype: Plans and Studies

Fund: 212 - SWM Projects and Construction

Project Manager: Kristel Griffith

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$2,000	\$7,500	\$7,500	\$0	\$0	\$0	\$15,000
Plans and Studies	\$0	\$0	\$0	\$20,000	\$75,000	\$75,000	\$0	\$0	\$0	\$150,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$22,000	\$82,500	\$82,500	\$0	\$0	\$0	\$165,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The Healthy Streams Plan will provide strategic guidance and master planning to implement effective regional management of stormwater runoff for water quality and quantity and acquisition of thermal credits to comply with all relevant regulations, which will improve watershed and stream health aligned with our communities' values.

The plan will produce a list of specific implementable projects and planning-level cost estimates for multiple CWS programs, including NSES, Field Operations, Regional Utility Services Department and Conveyance Engineering, as well as co-implementers.

This will be achieved by assessing current watershed health conditions, conducting systematic policy and project identification, and determining implementation priorities. The scope of work will include public outreach, environmental assessments, analysis and modeling, best management practice (BMP) review, and infrastructure planning for pipes, stormwater treatment facilities, and stream channel, riparian and ecological enhancement.

Project Detail

Project Name: 84TH CT AND COPELAND ST OUTFALL RETROFIT

Project Number:

Project Subtype: Stormwater Conveyance System

Fund: 212 - SWM Projects and Construction

Project Manager: Matthew Brennan

Project Status: Candidate

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,000	\$350,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000	\$5,000	\$40,000	\$50,000
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000	\$0	\$100,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$55,000	\$55,000	\$440,000	\$550,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Design and construct stormwater management approaches to treat 41 developed acres (26 impervious acres) on a vacant lot on Copeland St, near 84th Ct. before it discharges to the headwaters of Johnson Creek. Stormwater runoff includes area north of Miller Rd.

Project Detail

Project Name: BEEF BEND RD & 146TH AVE STORMWATER IMPROVEMENT

Project Number:

Project Subtype: Stormwater Conveyance System

Fund: 212 - SWM Projects and Construction

Project Manager: Matthew Brennan

Project Status: Candidate

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$100,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$2,500	\$10,000	\$0	\$0	\$0	\$12,500
Plans and Studies	\$0	\$0	\$0	\$0	\$25,000	\$0	\$0	\$0	\$0	\$25,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$27,500	\$110,000	\$0	\$0	\$0	\$137,500
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Stormwater improvements in the Kingston Terrace and Bull Mountain area. These improvements can be associated with the decommissioning the Bull Mountain Pump Station, development driven regional stormwater management approaches as well as Beef Bend Rd widening.

Project Detail

Project Name: KINGSTON TERRACE STORMWATER MANAGEMENT APPROACHES

Project Number:

Project Subtype: Stormwater Conveyance System

Fund: 212 - SWM Projects and Construction

Project Manager: Abbey Rhode

Project Status: Candidate

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$90,000	\$90,000	\$130,000	\$0	\$0	\$310,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$20,000	\$9,000	\$24,000	\$0	\$0	\$53,000
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$110,000	\$99,000	\$154,000	\$0	\$0	\$363,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project will design and construct regional stormwater management approaches including treatment and quantity facilities as well as resilient stream corridor projects to support regulatory compliance of new development in the Kingston Terrace urban expansion area. The approaches are identified through the South Bull Mountain Regional Stormwater Strategy and South Bull Mountain Stormwater Implementation Plan. Partners include King City, private landowners and developers.

Project Detail

Project Name: STORMWATER STRATEGIES - REAL TIME CONTROL IMPLEMENTATION
PLACEHOLDER

Project Number:

Project Subtype: Stormwater Conveyance System

Fund: 212 - SWM Projects and Construction

Project Manager: Matthew Brennan

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000	\$100,000	\$300,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000	\$50,000	\$150,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000	\$100,000	\$300,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000	\$25,000	\$25,000	\$75,000
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$275,000	\$275,000	\$275,000	\$825,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Real Time Control (RTC) technology can be used to efficiently manage stormwater discharge rates and mitigate the effects of hydromodification. This placeholder project contains estimated funding for future projects that will use RTC as a part of stormwater strategies.

Project Detail

Project Name: SUBBASIN & SURFACE WATER PLANNING

Project Number:

Project Subtype: Stormwater Conveyance System

Fund: 212 - SWM Projects and Construction

Project Manager: Rich Hunter

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000	\$100,000	\$300,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000	\$100,000	\$300,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000	\$20,000	\$20,000	\$60,000
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$220,000	\$220,000	\$220,000	\$660,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This is a placeholder for Subbasin and Surface Water Management Area Planning Projects to reflect budget impacts until actual projects are identified and commence. It represents more planning and design elements in the next few years, with an anticipation of more construction type of projects in FY27 and beyond. New planning projects will be rolled out of this Placeholder to create capital projects with unique CIP numbers. It may promulgate several studies and investigations of watersheds, develop tools to help assess approaches as well as metrics for adaptive management strategies. Examples of study areas that have been rolled out of this placeholder include Red Rock Creek Stormwater Strategy and South Bull Mountain Stormwater Strategy. Potential future project areas include Cooper Mountain, Cedar-Chicken Creek and Waible Creek.

Project Detail

Project Name: MCKERNAN CREEK STORMWATER MANAGEMENT APPROACHES

Project Number:

Project Subtype: Stormwater Conveyance System

Fund: 212 - SWM Projects and Construction

Project Manager: Abbey Rhode

Project Status: Candidate

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$100,000	\$200,000	\$200,000	\$0	\$500,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$10,000	\$20,000	\$20,000	\$0	\$50,000
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$110,000	\$220,000	\$220,000	\$0	\$550,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This project will design and construct regional stormwater management approaches including treatment and quantity facilities as well as resilient streams corridor projects to support regulatory compliance of new development in the McKernan Creek urban expansion area. The approaches are identified through the McKernan Creek Stormwater Implementation Plan. Partners include City of Beaverton

Project Detail

Project Name: STORMWATER FEE-IN-LIEU - UMBRELLA

Project Number: 7400

Project Subtype: NSES Enhancement

Fund: 212 - SWM Projects and Construction

Project Manager: Rich Hunter

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000	\$100,000	\$300,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$25,000	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$25,000	\$0	\$100,000	\$100,000	\$100,000	\$325,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

The CWS Design and Construction Standards (D&C Standards) allow for development applicants to pay a stormwater Fee-in-Lieu (FIL) in certain circumstances, rather than building stormwater management facilities onsite or when a regional stormwater management approach is not available. Fee-in-Lieu funds are intended to be used as part of a program to offset stormwater impacts from development or redevelopment. Collected FIL funds will be used to implement projects and programs that retain or treat stormwater or otherwise achieve water quality or hydromodification benefits. Projects may include partnerships with co-implementers or may be paired with other project goals.

Project Detail

Project Name: SUBBASIN PLANNING PRIORITIZATION METHODOLOGY - UMBRELLA Project Number:

Project Subtype: RUSD Managed Projects

Fund: 212 - SWM Projects and Construction

Project Manager: Chris Faulkner

Project Status: Candidate

Department/Program: Regional Utility Services

Expenditure Type Categories	FY 2024 Actual	FY 2025 Actual	FY 2026 Budget	FY 2026 Revised	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2027-2031 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$150,000	\$50,000	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$150,000	\$50,000	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Other Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Subbasin Planning Prioritization and Evaluation Methodology & Accompanying Tool that will support long range stormwater planning. The methodology and tool scope of work will be intended to build on existing datasets, processes, and approaches to provide a product that is employed and supported by various programs, divisions, and departments.