

Capital Improvement Program

Fiscal Years 2026 - 2030

Washington County, Oregon







FY 2025-26 - 2029-30 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) 2025-26 through FY 2029-30. Clean Water Services (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 2025-26 project costs identified in the CIP are incorporated into the FY 2025-26 budget. The CIP is \$147.1 million — \$144.6 million in capital projects from the sanitary sewer fund and \$2.5 million from the Surface Water Management (SWM) fund. The total cost of the five-year CIP covering 2026-2030 is \$633,543,200.

The CIP Process

CWS updates its five-year CIP every year by revising project budgets based on the current project schedule and cost estimates. New projects identified during the current year are introduced by the department responsible for implementing the project. A budget review team evaluates the projects and recommends a preliminary five-year CIP. The CIP is then analyzed in the context of the 10-year financial plan, and projected spending is matched with cash or debt funding, as appropriate. The first year of the CIP is the basis for the budget for the ensuing fiscal year regarding capital improvements and related professional services. Placeholder projects are used in years four and five of the CIP to represent a suite of projects of similar nature where the specific locations have not been identified or prioritized against one another. Projects with ongoing operational impacts affecting staffing and materials and services in the operating budget are noted in narratives describing the projects. The projects listed in the CIP for FY 2025-26 are very likely to be in the active design or construction phases.

Departments responsible for planning, operating, maintaining, and constructing CWS' horizontal, vertical, and technical assets (pipes, treatment facilities, buildings, and computer software and hardware) work collaboratively throughout the year to develop and update CWS' CIP. Capital project teams review the status and sequencing of projects and draft departmental plans. An interdepartmental team then reviews project integration across departments and disciplines and assesses the resources available to deliver the projects. The interdepartmental team and budget review team evaluate the draft CIP in the context of the 10-year financial plan. Projected spending is matched with cash or debt funding as appropriate to finalize the five-year CIP. Projects with anticipated operational impacts are acknowledged to align personnel, materials, and services in department operating budgets.

Identifying and Sequencing Projects

Projects at CWS are driven by the need to meet stringent regulatory requirements, construct additional capacity to serve growth, and replace aging infrastructure. Residential, industrial, and commercial growth, along with infrastructure conditions and strategic sequencing influence the identification and selection of projects to include in the five-year CIP. The budget review team considers several factors when it evaluates projects for the CIP:

Project drivers: Primary and secondary drivers can include regulatory requirements, asset management, capacity, and strategic investments to meet business operational needs.

Project characteristics: Project attributes can include replacement and renewal, inflow and infiltration abatement, performance efficiency,

watershed enhancement, climate resiliency, resource recovery, and integrated surface water management (SWM).

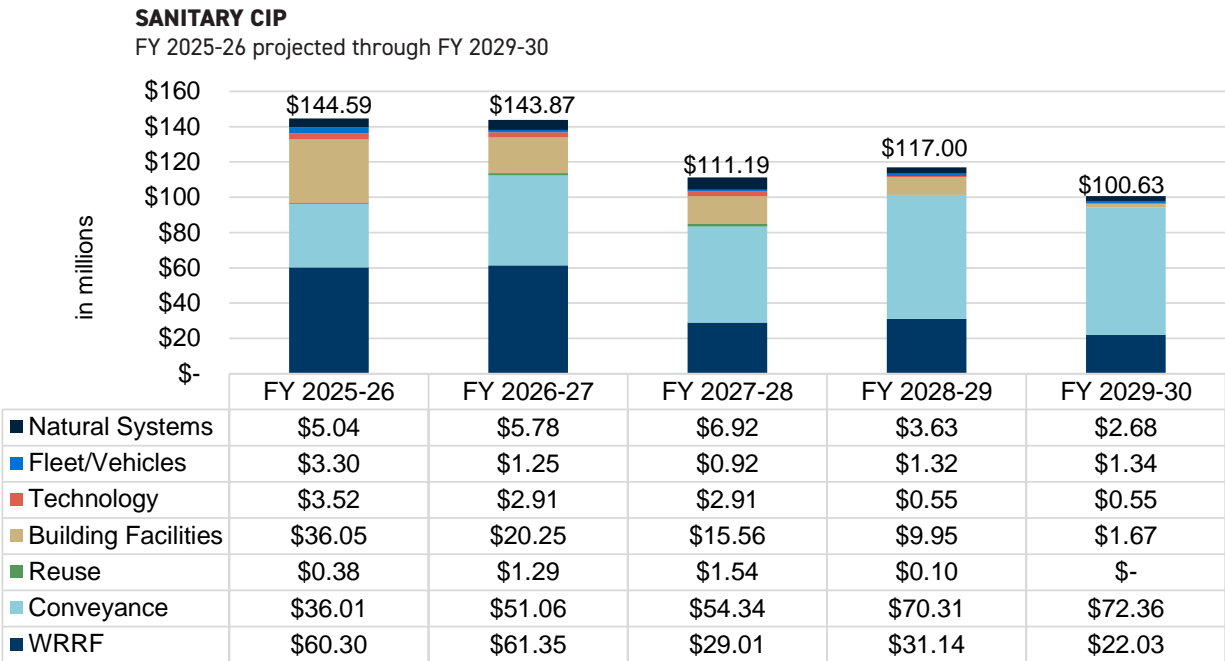
Source of funding: Considerations include regional or local funding, eligibility for System Development Charges (SDC), and financing options such as grants or loans.

Cost class estimates: Project managers identify the accuracy of the project cost estimate using an industry-standard scale ranging from 1 (within 10-15%) to 5 (plus or minus 50-100%).

The impact on the operating budget is assessed as a part of the project-by-project review of the CIP each year. The impact of any one capital improvement project on operating costs is relatively small. In total, however, the impacts can be significant enough to warrant additions to the operating budget. 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.

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 (WRRF); 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.

In 2022, the Board of Directors adopted the East Basin Master Plan, which identified a 20-year planning horizon of capital projects at the Durham WRRF and the tributary conveyance system. The West Basin Master Plan is in development with an anticipated completion date in mid-2025. The West Basin plan will identify capital projects at the Rock Creek, Hillsboro, and Forest Grove WRRFs and their tributary conveyance systems. A Recycled Water Master Plan is in development and expected to be completed at the end of 2025. Together, these three plans identify most of the anticipated treatment-related projects in the sanitary CIP.

Water Resource Recovery Facilities Projects

CWS owns, operates, and maintains the Durham, Rock Creek, Hillsboro, and Forest Grove water resource recovery facilities. These facilities are among the most technologically advanced water treatment facilities in the nation, treating over 60 million gallons of flow every day. Operation of these facilities is the primary component necessary to meet CWS' National Pollutant Discharge Elimination System (NPDES) permit. The hydraulic and treatment infrastructure required to meet the permit requirements constitutes the largest component of CWS' annual CIP. Capital projects at these four facilities are necessary to meet environmental regulations characterized by increasingly stringent limitations on chemicals such as er- 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 and residential growth.

WRRF PROJECTS

WRRF	Project	Primary Driver	Secondary Driver	FY26 Total Estimated Project Cost (millions)	Total Project Cost (millions)
Forest Grove	Primary treatment	Regulatory – copper limits	Capacity	\$29.6	\$54.5
Rock Creek	Biogas utilization	Strategic investment	Asset management	\$6.0	\$19.9
Durham	Phase 6B – new digester	Capacity	Strategic investment	\$4.3	\$22.0
Total				\$39.9	\$96.4 *

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

Projects are designed with the latest technology to maximize efficient operations to help offset personnel, materials, and services that accompany expansion. Additional resources are needed to operate and maintain the treatment systems as facilities continue to grow to meet demand. These operational impacts are reflected in the operating budgets.

WRRF projects constitute the largest capital investment for CWS and comprise 41% of the FY 2025-26 sanitary CIP and 32% of the FY 2026-30 sanitary CIP. The FY 2026-30 CIP has been updated to reflect projects and priorities identified in the West Basin master plan; small adjustments are expected over the next five years as the scope and budget for projects are evaluated. In FY 2025-26, one large construction project will be underway at three of the four water resource recovery facilities. These three projects represent \$39.9 million (68%) of the WRRF sanitary CIP budget.

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 repair or replace sewers and pump station equipment that is in poor condition.

Sanitary sewer projects that replace or line existing sewers that allow clean stormwater or groundwater to enter the sanitary sewer are called inflow and infiltration (I&I) abatement projects. Inflow is stormwater from yards, roofs, and footing drains or from cross-connections with storm drains and downspouts or manhole covers. Infiltration is groundwater that enters sewer pipes and manholes through holes, breaks, pipe joints, and connections. In addition to performing work on local sewers 12 inches and smaller in unincorporated areas, CWS funds sewer upsize projects using regional SDC funds collected for sewers in both incorporated cities and unincorporated areas. In some of these cases, the cities manage the projects, and CWS provides the project funding.

Sanitary sewer capital improvements in the CIP include the regional share of collection system projects designed, managed, and maintained by co-implementer cities as defined in the operating IGAs with the cities. Projects managed by CWS show the gross project cost; any shared cost proceeds are received as resources.

Pump stations and associated force mains represent more than half the estimated conveyance FY 2026-30 sanitary CIP. Nine new pump stations are planned for the next five years. Six of those are necessary to serve new Urban Growth Boundary expansion areas.

Conveyance projects comprise 25% of the FY 2025-26 CIP and 46% of the FY 2026-30 CIP. Numerous projects are in the planning and design stage, resulting in lower-than-normal costs in FY 2025-26 and higher costs when

the largest of these projects goes to construction in the next three to five years. Preliminary design is underway on major projects in the Fanno and Beaverton Creek corridors, which will have large impacts in the five-year horizon. The largest projects in FY 2025-26 include and represent 44% of the overall FY 2025-26 conveyance sanitary CIP budget.

CONVEYANCE SYSTEM PROJECTS

Project	Location	Primary Drivers	Secondary Drivers	FY26 Total Estimated Project Cost (millions)	Total Project Cost (millions)
Brookman Trunk Sewer Extension	Sherwood	Capacity – residential growth		\$7.6	\$13.3
1911/1936 Sanitary Sewer I&I Abatement No. 6	Hillsboro (Implemented by Hillsboro)	Asset management	Capacity - I&I abatement	\$2.7	\$4.5
				(This represents CWS 50% regional share)	
Quail Valley Pump Station	City of Banks	Capacity-residential growth		\$2.1	\$5.6
Metzger Trunk Sewer	Unincorporated - Metzger	Capacity	Asset management	\$1.9	\$15.4
Cooper Mountain Pump Station	Beaverton	Capacity-residential growth		\$1.5	\$6.7
Total				\$15.8	\$45.5*

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

Water Reuse

A critical component of CWS' National Pollutant Discharge and Elimination System (NPDES) permit compliance strategy is recycling treated water and distributing it throughout the CWS service area to use for irrigation. The Reuse program helps meet temperature requirements in the WRRF effluent to the Tualatin River. Frequently, recycled water is a component of an integrated project, such as a sanitary pump station. CWS started working on a Recycled Water Master Plan in FY 2024-25 and expects to complete it at the end of 2025. Eight projects are budgeted in the FY 2025-26 CIP containing

components of water reuse, with two projects providing the infrastructure for recycled water irrigation to Jackson Bottom Wetlands. The Reuse program will see significant growth with an anticipated \$12.6 million in expenditures in the next five years. Reuse program projects constitute less than 1% of the FY 2025-26 sanitary CIP and 2% of the FY 2026-30 sanitary CIP.

WATER REUSE PROJECTS

Project	Primary Drivers	Secondary Drivers	FY26 Total Estimated Project Cost (millions)	Total Project Cost (millions)
Davis Tool and Jackson Bottom Irrigation Improvements	Regulatory	Strategic investment	\$0.4	\$1.2
Davis Tool Site Improvements	Regulatory		\$0.1	\$1.2
Total			\$0.5	\$2.4*

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

Building Facilities

CWS manages numerous facility expansion projects as strategic investments. Facilities projects comprise 25% of the FY 2025-26 sanitary CIP budget. Projects in the FY 2026-30 sanitary CIP constitute \$84.3 million, or 14% of the overall budget. Most of these costs are associated with three major projects, which are underway and are shown in the table below. These projects are not eligible for SDCs and must be funded from rate revenue or potentially bond proceeds.

BUILDING FACILITIES PROJECTS

Project	Purpose	Anticipated Completion Date	FY26 Total Estimated Project Cost (millions)	Total Project Cost (millions)
CWS Central	Office space for administrative functions	Fall 2026	\$2.5	\$5.3
Research + Innovation + Partners + Labs (ripl)	Research center and laboratory	Fall 2026	\$31	\$66.0
Springer Street Facility	Field Operations expansion	Fall 2028	\$0.9	\$27.4
Total			\$34.4	\$98.7*

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

Technology and Vehicles

Vehicle additions and replacement projects are used to purchase light and medium duty vehicles for travel between CWS facilities and to provide heavy equipment used by operations in the sanitary and stormwater systems. This equipment allows systems to be maintained at the expected level of service. The summary below focuses on the portion budgeted to sanitary systems.

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 that ratepayers deserve.

The largest technology project in the five-year CIP is the upgrade or replacement of the Enterprise Resource Planning (ERP) system. This system is used for financial management, including general ledger, accounts payable, and accounts receivable, as well as payroll and procurement. This multiyear project will begin with a feasibility study to explore requirements and options to upgrade or replace the existing ERP system and related systems.

Technology and Vehicles projects comprise 2% of the FY 2025-26 sanitary CIP budget. Projects in the five-year FY 2026-30 sanitary CIP constitute \$8.1 million, or 1% of the overall budget.

TECHNOLOGY AND VEHICLES

Assets	FY26 Total Estimated Project Cost (millions)	5-Year FY2026-30 Total (millions)
ERP software upgrade/replacement	\$1.0	\$5.6
Technology software & hardware	\$2.0	\$3.8
Heavy duty vehicles	\$2.9	\$5.5
Total	\$5.9	\$14.9

Natural System Enhancements

The Natural System Enhancement & Stewardship department (NSES) implements capital improvement projects primarily in wetlands, creeks, and surrounding riparian corridors. These projects improve the overall health of the river and its watershed by increasing biodiversity, habitat connectivity, water quality, community connection to nature, supporting the local economy, and increasing resiliency to climate stressors. NSES enhancement projects also add a protective buffer between urban development and sensitive water quality areas. Projects are funded from the sanitary fund because they constitute a critical component in CWS' regulatory compliance strategy for temperature. Stream enhancement, including planting riparian

vegetation to shade the streams, provides an offset for the thermal load of treated water being released from the WRRFs back to the Tualatin River. NSES works with agencies and co-implementers under long-term programmatic intergovernmental agreements to enhance natural areas by planting trees and native vegetation. These partnerships offset ratepayer expenses through access agreements to land and pooling staff resources. These NSES projects account for approximately 4% of the FY 2025-2026 sanitary CIP and 4% of the five-year sanitary CIP.

ANNUAL PARTNERSHIP PROJECTS

Project	Partner	FY26 Total Estimated Project Cost (millions)	5-Year FY2026-30 Total Cost (millions)
Collaborative Regional Restoration	Metro	\$0.7	\$3.0
Local Restoration Partnerships	Tualatin Hills Park & Recreation District; cities including Hillsboro, Tigard, Tualatin, Beaverton, Sherwood, Forest Grove, Cornelius; The Wetlands Conservancy; Swallowtail School; Oregon Health Science University; homeowners associations	\$1.1	\$3.9
Tualatin Soil and Water Conservation District	TSWCD Habitat Conservation Program, Oregon Watershed Enhancement Board, US Dept of Agriculture Farm Services Agency, Natural Resources Conservation Service	\$0.3	\$1.3
Tualatin River Refuge Restoration	US Fish and Wildlife Service	\$1.0	\$4.8
Total		\$3.1	\$13.1

DISCRETE PROJECTS

Project	Partner	FY26 Total Estimated Project Cost (millions)	5-Year FY2026-30 Total Cost (millions)
Fanno Creek Enhancement at Elderberry Ridge	City of Tigard; Metro; Elderberry Ridge Development	\$0.2	\$1.9
Vegetation Material Handling Facility	Metro; TSWCD	\$0.5	\$2.9
Total		\$0.7	\$4.8

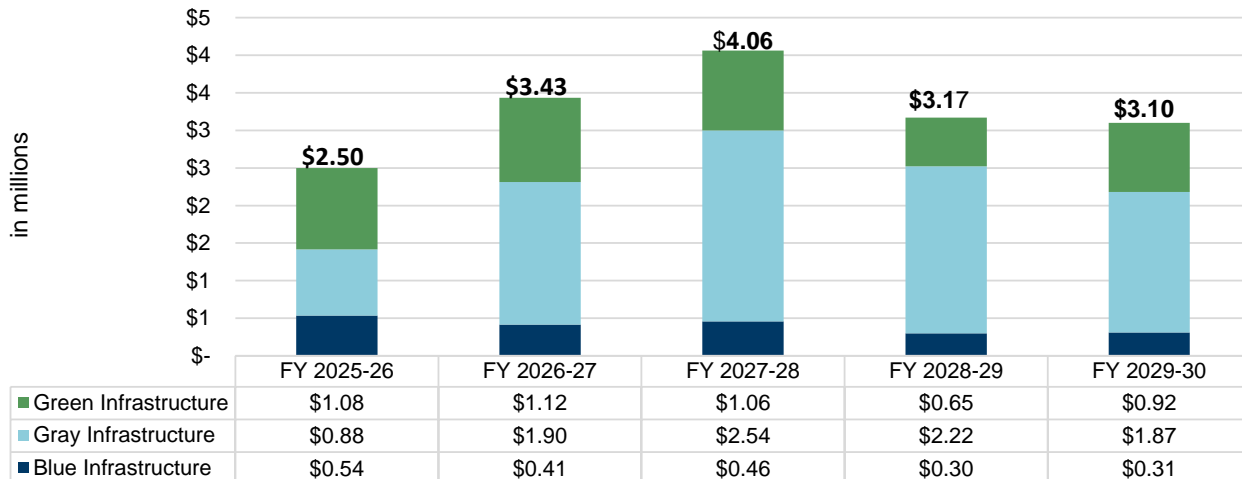
SURFACE WATER MANAGEMENT CIP

The SWM CIP is funded pay-as-you-go through transfers from the SWM Operating Fund and SWM SDCs. Smaller development projects can use the in-lieu of payment program to contribute their share toward a regional approach to managing stormwater, which can include riparian corridor improvements that would have more environmental benefits. Some project costs in the SWM program are shared between CWS and other agencies or are otherwise offset by grant monies.

SWM projects are sometimes categorized by the colorful descriptors “gray, green, and blue.” Gray projects refer to hard, engineered conveyance infrastructure such as pipes, catch basins, and culverts. Green infrastructure describes biological infrastructure where the ground topography is sculpted, and vegetation is used to provide a more natural approach to stormwater filtration and flow detention or attenuation. Blue projects enhance natural riparian areas to provide a buffer between the urban environment and a natural creek to preserve, protect, or improve the quality of the water in the streams. New green SWM projects may lead to incremental additional maintenance costs in the Field Operations section of the Utilities Operations & Services department budget. Some gray SWM repair and replacement projects are conducted to reduce the inordinate maintenance efforts necessary to address stormwater conveyance problems associated with deteriorated infrastructure. Blue SWM projects usually require three to five years of monitoring and maintenance but are intended to be generally self-sustaining once established.

SWM CIP

Fiscal Year 2025-26 projected through FY 2029-30



Gray projects make up the largest portion of the FY 2025-26 SWM CIP at 35% and the largest portion of the five-year FY 2026-30 SWM CIP at 58% of the overall SWM budget. The table below summarizes the largest projects for each SWM project type in the upcoming fiscal year.

GRAY-GREEN-BLUE PROJECTS

Project	Project Type	FY26 Total Estimated Project Cost (millions)	5-Year FY2026-30 Total Cost (millions)
Butternut Creek Near 209th Stormwater Management Approach	Green	\$0.2	\$0.9
Vegetated Corridor Enhancement – Umbrella	Blue	\$0.4	\$1.2
Storm Sewer R&R – Umbrella	Gray	\$0.4	\$1.4
Programmatic Subbasin & Surface Water Planning – Umbrella	Green	\$0.2	\$0.8
Total		\$1.2	\$4.3



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Fund 101										
Project Name	Project #	Fund	FY25 Adopted	FY25 Revised	FY26 Budget	FY27 Budget	FY28 Budget	FY29 Budget	FY30 Budget	FY 2026-30 Total
Fleet/Vehicles Projects										
SANITARY HEAVY DUTY TRUCK/EQUIPMENT ADDITIONS	6303	101	210,000	175,500	1,005,000	125,000	-	-	-	1,130,000
SANITARY LIGHT & MEDIUM DUTY VEHICLE ADDITIONS	6221	101	110,000	103,200	75,000	-	-	-	-	75,000
Fleet/Vehicles Projects Total			320,000	278,700	1,080,000	125,000	-	-	-	1,205,000
Technology Projects										
CAPITAL OUTLAY FY 2025-26	2026	101	-	-	122,100	60,000	60,000	60,000	60,000	362,100
CONFERENCE ROOM AV EQUIPMENT - UMBRELLA	7121	101	25,000	25,000	30,000	30,000	30,000	30,000	30,000	150,000
LABORATORY INFORMATION MANAGEMENT SYSTEM (LIMS)		101	250,000	-	250,000	-	-	-	-	250,000
PLAN REVIEW APPLICANT PORTAL	7227	101	72,000	8,000	10,000	-	-	-	-	10,000
SUPPLIER DIVERSITY MANAGEMENT SOFTWARE		101	-	-	70,000	-	-	-	-	70,000
Technology Projects Total			347,000	33,000	482,100	90,000	90,000	90,000	90,000	842,100
Fund 101 Total		101	667,000	311,700	1,562,100	215,000	90,000	90,000	90,000	2,047,100
Fund 106										
Project Name	Project #	Fund	FY25 Adopted	FY25 Revised	FY26 Budget	FY27 Budget	FY28 Budget	FY29 Budget	FY30 Budget	FY 2026-30 Total
Conveyance Field Operations Projects										
FIELD OPERATIONS EQUIPMENT REPLACEMENTS	7113	106	53,000	75,000	110,000	85,000	90,000	95,000	100,000	480,000
FIELD OPERATIONS MERLO GENERATOR REPLACEMENT		106	240,000	40,000	70,000	-	-	-	-	70,000
FLOW MONITORING EQUIPMENT RENEWAL		106	-	-	142,000	150,000	157,500	165,000	173,300	787,800
SANITARY SEWER MANHOLE REHABILITATION		106	-	-	150,000	150,000	150,000	-	-	450,000
SANITARY SEWER R&R - UMBRELLA		106	-	-	200,000	200,000	200,000	-	-	600,000
Conveyance Field Operations Projects Total		106	293,000	115,000	672,000	585,000	597,500	260,000	273,300	2,387,800
Conveyance Rehabilitation Projects										
8215 SW FAIRWAY DRIVE EXPOSED SEWER REMEDIATION	7287	106	24,000	20,600	103,000	7,000	-	-	-	110,000
BANKS I&I ABATEMENT		106	-	-	-	500,000	-	-	-	500,000
BECKER DRIVE REHABILITATION	7304	106	50,000	60,800	20,000	880,000	-	-	-	900,000
BOHMANN EXPOSED SEWER REHABILITATION	7305	106	50,000	50,000	2,000,000	-	-	-	-	2,000,000
EXPOSED MAINS & LATERALS PROGRAM		106	75,000	-	-	-	125,000	450,000	630,000	1,205,000
EXPOSED SANI SEWER MULTI-SITE REPAIRS - CEDAR MILL CREEK AND GOLF CREEK		106	-	-	32,000	173,000	360,000	-	-	565,000
FANNO CREEK AT WOODARD PARK SANITARY SEWER STABILIZATION	7286	106	30,000	18,000	4,000	4,000	4,000	4,000	-	16,000
FANNO CREEK INTERCEPTOR REHAB	7181	106	100,000	50,000	550,000	1,250,000	1,250,000	-	4,560,000	7,610,000
HALL CREEK SW GRACE LANE TO CANYON DRIVE EXPOSED SANI SEWER STABILIZATION		106	-	-	140,000	113,000	480,000	-	-	733,000
SPRINGVILLE CREEK TRIB AT 6029 NW ALFALFA DR EXPOSED SEWER STABILIZATION	7288	106	108,000	71,000	399,000	35,000	-	-	-	434,000
TRIBUTARY TO SYLVAN CREEK EXPOSED SANI SEWER STABILIZATION		106	-	-	-	33,000	65,000	195,000	-	293,000
Conveyance Rehabilitation Projects Total		106	437,000	270,400	3,248,000	2,995,000	2,284,000	649,000	5,190,000	14,366,000
Building Facilities Projects										
CENTRAL FACILITY R&R - UMBRELLA	7303	106	-	362,586	200,000	50,000	50,000	50,000	50,000	400,000
DURHAM FACILITY R&R - UMBRELLA	7162	106	155,000	112,000	140,000	60,000	60,000	60,000	60,000	380,000
DURHAM IPS HVAC REPAIRS		106	-	-	-	250,000	-	-	-	250,000
FIELD OPERATIONS MERLO FACILITY R&R - UMBRELLA	7214	106	25,000	154,900	50,000	50,000	50,000	50,000	50,000	250,000
FOREST GROVE ADMIN HVAC REPLACEMENT		106	210,000	-	-	210,000	-	-	-	210,000
FOREST GROVE FACILITY R&R - UMBRELLA	7164	106	60,000	30,000	30,000	20,000	20,000	20,000	20,000	110,000
HILLSBORO FACILITY R&R - UMBRELLA	7163	106	50,000	15,000	25,000	50,000	25,000	25,000	25,000	150,000
HVAC REPLACEMENTS - UMBRELLA		106	-	-	210,000	100,000	95,000	100,000	-	505,000
PUMP STATION FACILITY R&R - UMBRELLA	7165	106	20,000	-	30,000	20,000	20,000	20,000	20,000	110,000
RIPL FACILITY R&R - UMBRELLA	7213	106	-	-	-	10,000	10,000	10,000	10,000	40,000
ROCK CREEK CHEMICAL BUILDING MAU REPLACEMENT		106	50,000	-	-	300,000	-	-	-	300,000
ROCK CREEK EAST RAS/WAS & AB'S MAU REPLACEMENTS		106	-	-	50,000	325,000	-	-	-	375,000
ROCK CREEK FACILITY R&R - UMBRELLA	7161	106	25,000	23,000	25,000	25,000	25,000	25,000	25,000	125,000
ROCK CREEK UPPER TERTIARY MAU REPLACEMENTS		106	-	-	-	210,000	150,000	-	-	360,000
SPRINGER FACILITY R&R - UMBRELLA	7211	106	-	-	-	-	25,000	-	-	25,000
TRF FACILITY R&R - UMBRELLA	7210	106	-	-	25,000	20,000	20,000	20,000	20,000	105,000
Building Facilities Projects Total		106	595,000	697,486	785,000	1,700,000	550,000	380,000	280,000	3,695,000

Fund 106										
Project Name	Project #	Fund	FY25 Adopted	FY25 Revised	FY26 Budget	FY27 Budget	FY28 Budget	FY29 Budget	FY30 Budget	FY 2026-30 Total
Fleet/Vehicles Projects										
SANITARY HEAVY DUTY VEHICLE REPLACEMENT	6841	106	1,410,000	875,900	1,860,000	540,000	485,000	770,000	730,000	4,385,000
SANITARY LIGHT & MEDIUM DUTY VEHICLE REPLACEMENT	6840	106	610,000	485,300	357,000	580,000	431,000	545,500	608,800	2,522,300
Fleet/Vehicles Projects Total		106	2,020,000	1,361,200	2,217,000	1,120,000	916,000	1,315,500	1,338,800	6,907,300
Natural Systems										
CLIMATE RESILIENT RIPARIAN RENEWAL - UMBRELLA	7339	106	-	348,000	361,000	147,000	130,000	127,000	120,000	885,000
EMERALD ASH BORER BEETLE REMEDIATION PROJECT - UMBRELLA	7306	106	319,000	-	-	-	50,000	-	-	50,000
Natural Systems Total		106	319,000	348,000	361,000	147,000	180,000	127,000	120,000	935,000
Technology Projects										
CAPITAL OUTLAY FY 2025-26 REPLACEMENTS		106	-	-	93,000	60,000	60,000	60,000	60,000	333,000
CYBERSECURITY UPGRADES - HARDWARE & SOFTWARE - UMBRELLA	7188	106	200,000	200,000	300,000	50,000	50,000	50,000	50,000	500,000
ERP REPLACEMENT		106	-	-	1,000,000	2,300,000	2,300,000	-	-	5,600,000
IT COMMUNICATIONS ASSET LIFE-CYCLE COSTS - UMBRELLA	7027	106	750,000	300,000	990,000	60,000	60,000	60,000	60,000	1,230,000
IT END USER DEVICE ASSET LIFE CYCLE - UMBRELLA	7028	106	100,000	100,000	170,000	60,000	60,000	-	-	290,000
IT SERVER ASSET LIFE CYCLE COSTS - UMBRELLA	7029	106	250,000	250,000	330,000	140,000	140,000	140,000	140,000	890,000
IT STORAGE ASSET LIFE CYCLE COSTS - UMBRELLA	7030	106	350,000	350,000	150,000	150,000	150,000	150,000	150,000	750,000
Technology Projects Total		106	1,650,000	1,200,000	3,033,000	2,820,000	2,820,000	460,000	460,000	9,593,000
Water Resource Recovery Facility Durham Projects										
DURHAM BOILERS 1&2 UPGRADE	7346	106	-	69,000	121,000	-	-	-	-	121,000
DURHAM IPS VFD CONTROLS UPGRADE	7158	106	165,000	160,000	10,000	-	-	-	-	10,000
DURHAM NON-POTABLE WATER REPLACEMENT		106	-	-	300,000	325,000	-	-	-	625,000
DURHAM PLANT ROAD REPAIR & REPLACEMENT	7293	106	610,000	55,000	240,000	1,235,000	-	-	-	1,475,000
DURHAM PLC UPGRADE TO ALLEN-BRADLEY - UMBRELLA	7218	106	250,000	250,000	400,000	400,000	400,000	-	-	1,200,000
DURHAM PRIMARY CLARIFIERS 1-4 REPAIR		106	-	-	150,000	1,675,000	1,675,000	-	-	3,500,000
Water Resource Recovery Facility Durham Projects Total		106	1,025,000	534,000	1,221,000	3,635,000	2,075,000	-	-	6,931,000
Water Resource Recovery Facility Forest Grove Projects										
FOREST GROVE FIBER OPTICS NETWORK UPGRADE		106	-	-	-	140,000	-	-	-	140,000
FOREST GROVE NORTH ATS SWITCH REPLACEMENT		106	-	-	-	150,000	-	-	-	150,000
NATURAL TREATMENT SYSTEMS WATERFALL REHAB	7324	106	-	50,000	200,000	-	-	-	-	200,000
Water Resource Recovery Facility Forest Grove Projects Total		106	-	50,000	200,000	290,000	-	-	-	490,000
Water Resource Recovery Facility Hillsboro Projects										
HILLSBORO HEADWORKS SYSTEM REHAB		106	-	-	50,000	850,000	-	-	-	900,000
Water Resource Recovery Facility Hillsboro Projects Total		106	-	-	50,000	850,000	-	-	-	900,000
Water Resource Recovery Facility Replacement & Renewal Projects										
DURHAM PRIMARY SLUDGE PS REHAB	7167	106	775,000	380,000	1,600,000	2,575,000	775,000	-	-	4,950,000
DURHAM REPLACE BACK-UP AIR COMPRESSOR	7281	106	120,000	80,000	150,000	-	-	-	-	150,000
DURHAM REPLACEMENT & RENEWAL M/E/I/O - UMBRELLA	7144	106	500,000	1,175,000	395,000	400,000	400,000	400,000	400,000	1,995,000
FOREST GROVE REPLACEMENT & RENEWAL M/E/I/O - UMBRELLA	7145	106	250,000	250,000	270,000	270,000	200,000	200,000	200,000	1,140,000
HILLSBORO ELECTRICAL SWITCHGEAR & MOTOR CONTROL CENTER REPLACEMENT	7219	106	300,000	255,000	51,500	-	-	-	-	51,500
HILLSBORO REPLACEMENT & RENEWAL M/E/I/O - UMBRELLA	7146	106	150,000	110,000	165,000	150,000	150,000	150,000	150,000	765,000
PUMP STATION CONTROL PANEL REPLACEMENTS - UMBRELLA	7318	106	300,000	175,000	250,000	325,000	375,000	-	-	950,000
PUMP STATION ONAN GENERATOR REPLACEMENTS - UMBRELLA	7319	106	290,000	250,000	275,000	275,000	275,000	-	-	825,000
PUMP STATIONS REPLACEMENT & RENEWAL M/E/I/O - UMBRELLA	7147	106	250,000	350,000	350,000	275,000	275,000	275,000	275,000	1,450,000
ROCK CREEK DEWATERING CONVEYORS REBUILD	7194	106	70,000	70,000	70,000	-	-	-	-	70,000
ROCK CREEK FILTERS 5-10 VALVE & ACTUATOR REPLACEMENT	7226	106	60,000	65,000	510,000	400,000	400,000	-	-	1,310,000
ROCK CREEK IPS VFD REPLACE	7330	106	-	-	1,200,000	-	-	-	-	1,200,000
ROCK CREEK PLC UPGRADE TO ALLEN-BRADLEY - UMBRELLA	7217	106	50,000	280,000	450,000	450,000	450,000	270,000	-	1,620,000
ROCK CREEK REPLACE BACK-UP AIR COMPRESSOR	7282	106	120,000	50,000	200,000	-	-	-	-	200,000
ROCK CREEK REPLACEMENT & RENEWAL M/E/I/O - UMBRELLA	7136	106	600,000	600,000	435,000	500,000	500,000	500,000	500,000	2,435,000
ROCK CREEK SODIUM HYDROXIDE STORAGE REPLACEMENT	7134	106	450,000	1,150,000	75,000	-	-	-	-	75,000
ROCK CREEK UPPER TERTIARY SWITCHGEAR S REPLACEMENT		106	197,500	90,000	32,500	350,000	-	-	-	382,500
ROOFING REPLACEMENTS - UMBRELLA	7315	106	751,000	105,000	550,000	550,000	550,000	550,000	-	2,200,000
WRRF Replacement & Renewal Projects Total		106	5,233,500	5,435,000	7,029,000	6,520,000	4,350,000	2,345,000	1,525,000	21,769,000
Water Resource Recovery Facility Rock Creek Projects										
ROCK CREEK BOILERS 4 & 5 BURNER REPLACEMENTS		106	-	20,000	400,000	-	-	-	-	400,000
ROCK CREEK DEWATERING SWITCHBOARD 8 BREAKER REHAB		106	-	-	-	670,000	-	-	-	670,000
ROCK CREEK DIGESTER #3 & #4 COVER REHAB	7191	106	50,000	85,000	2,100,000	2,050,000	-	-	-	4,150,000
ROCK CREEK HOT WATER SYSTEM IMPROVEMENTS	7024	106	1,085,000	75,000	1,100,000	1,650,000	-	-	-	2,750,000

Fund 106										
Project Name	Project #	Fund	FY25 Adopted	FY25 Revised	FY26 Budget	FY27 Budget	FY28 Budget	FY29 Budget	FY30 Budget	FY 2026-30 Total
ROCK CREEK PRIMARY CLARIFIERS DRIVE IMPROVEMENTS	7297	106	450,000	230,000	170,000	-	-	-	-	170,000
Water Resource Recovery Facility Rock Creek Projects Total		106	1,585,000	410,000	3,770,000	4,370,000	-	-	-	8,140,000
Fund 106 Total			13,157,500	10,421,086	22,586,000	25,032,000	13,772,500	5,536,500	9,187,100	76,114,100
Fund 108										
Project Name	Project #	Fund	FY25 Adopted	FY25 Revised	FY26 Budget	FY27 Budget	FY28 Budget	FY29 Budget	FY30 Budget	FY 2026-30 Total
Conveyance LID Projects										
NW 94TH AVE @ CORNELL RD LID	7276	108	500,000	20,000	530,000					530,000
SW BRENNE LN RD	7277	108		50,000	370,000					370,000
Conveyance LID Projects Total		108	500,000	70,000	900,000	0	0	0	0	900,000
Fund 108 Total			500,000	70,000	900,000	0	0	0	0	900,000
Fund 112										
Project Name	Project #	Fund	FY25 Adopted	FY25 Revised	FY26 Budget	FY27 Budget	FY28 Budget	FY29 Budget	FY30 Budget	FY 2026-30 Total
Conveyance City-Managed Projects										
1911/1936 SANITARY SEWER I&I ABATEMENT PROJECT No. 6	7168	112	1,075,000	1,780,000	2,650,000	60,000	-	-	-	2,710,000
BENDEMEER TRUNK SEWER UPGRADE	7104	112	3,550,000	2,880,000	25,000	-	-	-	-	25,000
BONITA TRUNK		112	-	-	-	-	-	2,730,000	-	2,730,000
CEDAR HILLS INTERCEPTOR		112	-	-	-	10,000	290,000	390,000	-	690,000
HALL BLVD LATERAL (R-110)	6922	112	-	-	35,000	30,000	-	-	-	65,000
NORTH MARTINAZZI TRUNK: SEMINOLE TR TO SAGERT ST (PRIORITY 2)	7170	112	1,000,000	-	700,000	-	-	-	-	700,000
ROCK CREEK SANITARY TRUNKLINE UPGRADE - PHASE 2	7171	112	207,500	-	915,000	2,366,800	-	-	-	3,281,800
SANITARY SEWER I&I ABATEMENT PROJECT No. 7 - TURNER CREEK		112	-	-	-	300,000	1,750,000	1,750,000	-	3,800,000
SOUTH MARTINAZZI TRUNK: IROQUOIS DR TO CHELAN ST (PRIORITY 4)	7172	112	-	-	137,000	137,000	750,000	1,000,000	-	2,024,000
SOUTH MARTINAZZI TRUNK: SAUM CRK TR TO BLAKE ST; MAKAH CT TO IROQUOIS	7173	112	74,000	108,000	1,074,000	1,368,000	-	-	-	2,442,000
SW 103RD SANITARY SEWER UPSIZING (PH.1)	7174	112	100,000	-	100,000	700,000	700,000	-	-	1,500,000
SW 131st, Barlow to Hanson, Sanitary Sewer Inflow and Infiltration Reduction	7169	112	25,000	-	400,000	3,030,000	7,500	-	-	3,437,500
Tualatin-Sherwood Rd (TSR) Teton SS Trunk		112	-	-	-	-	1,340,000	760,000	-	2,100,000
Conveyance City-Managed Projects Total		112	6,031,500	4,768,000	6,036,000	8,001,800	4,837,500	6,630,000	-	25,505,300
Conveyance Field Operations Projects										
COOK PARK SIPHON EASEMENT ACQUISITION		112	70,000	-	70,000	60,000	-	-	-	130,000
FLOW MONITORING EQUIPMENT ADDITIONS		112	-	-	50,000	50,000	50,000	50,000	50,000	250,000
MAINTENANCE ACCESS EASEMENT ACQUISITION		112	50,000	-	50,000	50,000	50,000	50,000	-	200,000
MATERIAL YARD DEWATERING EQUIPMENT IMPROVEMENTS		112	-	-	140,000	-	-	-	-	140,000
RADIO COMMUNICATION UPGRADES AND MODERNIZATION		112	-	-	100,000	-	-	-	-	100,000
Conveyance Field Operations Projects Total		112	120,000	-	410,000	160,000	100,000	100,000	50,000	820,000
Conveyance Pump Station Projects										
ALOHA PUMP STATION UPGRADE AND I/I PROJECT	7255	112	400,000	410,000	250,000	1,100,000	1,600,000	3,000,000	-	5,950,000
BORLAND PUMP STATION SITE IMPROVEMENTS		112	-	-	-	100,000	550,000	-	-	650,000
BUTTERNUT CREEK PUMP STATION PHASE 2	7328	112	150,000	270,000	800,000	1,000,000	5,600,000	5,600,000	5,600,000	18,600,000
CEDAR ST PUMP STATION IMPROVEMENTS	7341	112	-	175,000	500,000	-	-	-	-	500,000
CHICKEN CREEK PUMP STATION & FORCEMAIN	7229	112	500,000	450,000	300,000	6,700,000	6,150,000	-	-	13,150,000
COOPER MOUNTAIN/TILE FLAT PUMP STATION & FORCEMAIN	7201	112	475,000	600,000	1,500,000	4,500,000	-	-	-	6,000,000
CORNELIUS PUMP STATION IMPROVEMENTS PHASE 2		112	-	-	-	75,000	-	-	-	75,000
COUNCIL (DAIRY) CREEK PUMP STATION & FORCEMAIN		112	150,000	-	100,000	500,000	1,400,000	7,150,000	6,100,000	15,250,000
DAWSON CREEK PUMP STATION SWITCH GEAR UPGRADE		112	-	-	160,000	-	-	-	-	160,000
FANNO CREEK WET WEATHER PUMP STATION AND FORCEMAIN	7278	112	300,000	300,000	250,000	1,150,000	5,100,000	20,100,000	20,100,000	46,700,000
GASTON PUMP STATION UPGRADE AND FORCEMAIN REPLACEMENT		112	50,000	-	-	-	-	400,000	4,050,000	4,450,000
JACOBSON PUMP STATION & FORCEMAIN	6923	112	300,000	100,000	100,000	1,700,000	2,600,000	550,000	-	4,950,000
KING CITY RECYCLED PUMP STATION	7204	112	150,000	25,000	-	-	25,000	1,075,000	1,000,000	2,100,000
NORTH PLAINS PUMP STATION SWITCH GEAR UPGRADE		112	10,000	-	160,000	-	-	-	-	160,000
NORTH PLAINS PUMP STATION UPGRADE	7325	112	350,000	510,000	200,000	-	-	-	-	200,000
ORCHARD HILLS PUMP STATION IMPROVEMENTS		112	25,000	-	-	-	150,000	350,000	-	500,000
PUMP STATION COMBINATION AIR RELEASE VALVE UPGRADES - UMBRELLA	7312	112	50,000	160,000	100,000	116,000	-	-	-	216,000
QUAIL VALLEY PUMP STATION	7133	112	850,000	650,000	2,100,000	2,350,000	-	-	-	4,450,000
RIPL GRAVITY LINE	7268	112	250,000	1,250,000	260,000	-	-	-	-	260,000
RIVER TERRACE NORTH UPGRADES AND FORCEMAIN EXTENSION		112	-	-	-	-	-	100,000	300,000	400,000

Fund 112										
Project Name	Project #	Fund	FY25 Adopted	FY25 Revised	FY26 Budget	FY27 Budget	FY28 Budget	FY29 Budget	FY30 Budget	FY 2026-30 Total
RIVER TERRACE SOUTH DEVELOPER SITE IMPROVEMENTS		112	10,000	-	25,000	215,000	-	-	-	240,000
ROSEDALE CONVENANCE SYSTEM PROJECT	7026	112	1,000,000	1,000,000	550,000	4,287,500	4,187,500	-	-	9,025,000
SW TUALATIN PUMP STATION & FORCEMAIN		112	-	-	-	-	100,000	200,000	600,000	900,000
TONQUIN PUMP STATION AND FORCEMAIN	7292	112	200,000	410,000	500,000	3,950,000	-	-	-	4,450,000
Conveyance Pump Station Projects Total		112	5,220,000	6,310,000	7,855,000	27,743,500	27,462,500	38,525,000	37,750,000	139,336,000
Conveyance Rehabilitation Projects										
ALOHA I/I	6918	112	-	-	-	-	1,600,000	-	-	1,600,000
BROADMOOR SANITARY SEWER REPLACEMENT	6767	112	360,000	320,000	1,680,000	-	-	-	-	1,680,000
CANYON CREEK SEWER IMPROVEMENTS	6977	112	50,000	20,000	300,000	1,100,000	1,000,000	-	-	2,400,000
EAST BASIN I/I ABATEMENT	7178	112	100,000	500,000	500,000	750,000	3,240,000	5,500,000	5,500,000	15,490,000
FOREST GROVE I&I ABATEMENT PHASE 3 - PACIFIC AVENUE & E STREET	7153	112	50,000	20,000	1,550,000	500,000	-	-	-	2,050,000
MONTCLAIR AREA SEWER REPAIR	6981	112	200,000	20,000	230,000	1,000,000	2,000,000	-	-	3,230,000
ROCK CREEK BASIN I/I ABATEMENT PROGRAM		112	-	-	-	-	-	6,000,000	6,000,000	12,000,000
RYAN STREET SWALE EXPOSED SEWER	6994	112	35,000	10,000	250,000	-	-	-	-	250,000
Conveyance Rehabilitation Projects Total		112	795,000	890,000	4,510,000	3,350,000	7,840,000	11,500,000	11,500,000	38,700,000
Conveyance Sanitary Collections Projects										
BEAVERTON TRUNK SANITARY UPGRADE (PH 1 - UPPER)		112	300,000	5,000	500,000	1,000,000	1,500,000	4,000,000	10,200,000	17,200,000
SW 205TH AVENUE (W BASELINE TO NE QUATAMA ST)	7326	112	-	95,000	1,000,000	-	-	-	-	1,000,000
BROOKMAN TRUNK SEWER EXTENSION	6966	112	4,560,000	2,500,000	7,600,000	1,020,000	-	-	-	8,620,000
CEDAR MILL TRUNK RELOCATION AT MURRAY/WALKER	6826	112	-	1,000	290,000	-	-	-	-	290,000
FOOTHILL DR (COMMONWEALTH LAKE) SANITARY UPGRADE	7207	112	800,000	40,000	750,000	-	-	-	-	750,000
METZGER/FANNO INTERCEPTOR UNDER RRX (D-340)	7138	112	500,000	500,000	1,900,000	4,700,000	6,000,000	2,000,000	-	14,600,000
SHERWOOD TRUNK IMP-CHICKEN CK- ROY ROGERS RD TO WASHINGTON ST		112	-	-	333,000	1,000,000	2,200,100	5,300,000	-	8,833,100
TURNER CREEK TRUNK PHASE 2 (MIDDLE SECTION)		112	-	-	-	-	15,000	600,000	2,150,000	2,765,000
TURNER CREEK TRUNK PHASE1 (LOWER SECTION)		112	-	-	10,000	500,000	1,500,000	750,000	5,250,000	8,010,000
Conveyance Sanitary Collections Projects Total		112	6,160,000	3,141,000	12,383,000	8,220,000	11,215,100	12,650,000	17,600,000	62,068,100
Building Facilities Projects										
CENTRAL FACILITY UPGRADES	7316	112	2,500,000	325,000	2,500,000	2,500,000	-	-	-	5,000,000
DURHAM FACILITY UPGRADES - UMBRELLA	7176	112	50,000	12,800	25,000	25,000	25,000	25,000	25,000	125,000
FIELD OPERATIONS MERLO FACILITY UPGRADES - UMBRELLA	6931	112	15,000	-	70,000	100,000	-	-	-	170,000
FOREST GROVE FACILITY UPGRADES - UMBRELLA	7185	112	25,000	-	25,000	110,000	25,000	25,000	25,000	210,000
GREEN ENERGY TECHNOLOGY		112	-	-	-	500,000	750,000	-	-	1,250,000
HILLSBORO ADMINISTRATION BUILDING IMPROVEMENTS		112	-	-	-	-	-	-	100,000	100,000
HILLSBORO FACILITY UPGRADES - UMBRELLA	7184	112	40,000	-	25,000	25,000	25,000	25,000	25,000	125,000
LANDSCAPE IMPROVEMENTS AND UPGRADES - UMBRELLA	7036	112	560,000	372,500	340,000	375,000	375,000	375,000	375,000	1,840,000
PUMP STATION FACILITY UPGRADES - UMBRELLA	7183	112	20,000	-	20,000	20,000	20,000	20,000	20,000	100,000
RESEARCH INNOVATION PARTNERS LABORATORIES (RIPL)	7018	112	11,200,000	15,800,000	31,000,000	13,500,000	-	-	-	44,500,000
RIPL FACILITY UPGRADES - UMBRELLA	7212	112	-	-	-	10,000	10,000	10,000	10,000	40,000
ROCK CREEK FACILITY UPGRADES - UMBRELLA	7182	112	25,000	-	50,000	30,000	30,000	30,000	30,000	170,000
ROCK CREEK LOWER TERTIARY MAU REPLACEMENT		112	-	-	300,000	-	-	-	-	300,000
SPRINGER STREET FACILITY IMPROVEMENTS	6965	112	600,000	563,300	900,000	1,300,000	13,700,000	8,700,000	-	24,600,000
TUALATIN RIVER FARM FACILITY UPGRADES - UMBRELLA	7209	112	10,000	-	10,000	50,000	10,000	10,000	10,000	90,000
FIELD OPERATIONS MERLO SEISMIC RESILIENCY IMPROVEMENTS		112	20,000	0	0	0	40,000	350,000	770,000	1,160,000
Building Facilities Projects Total		112	15,065,000	17,073,600	35,265,000	18,545,000	15,010,000	9,570,000	1,390,000	79,780,000
Natural Systems Projects										
BUTTERNUT CREEK - 209TH TO CENTURY		112	-	-	78,000	137,500	137,500	137,500	-	490,500
VEGETATION MATERIAL HANDLING FACILITY IMPROVEMENTS	7284	112	10,000	150,000	480,000	1,230,000	1,230,000	-	-	2,940,000
COLLABORATIVE REGIONAL RESTORATION - UMBRELLA	6530	112	732,600	732,600	680,200	772,100	625,000	572,000	379,000	3,028,300
FANNO CREEK ENHANCEMENT AT ELDERBERRY RIDGE	7206	112	233,000	98,000	230,000	199,000	1,435,000	7,000	7,000	1,878,000
GALES CREEK - BALM GROVE RESTORATION	7122	112	30,000	38,000	46,000	28,000	28,000	28,000	-	130,000
HEDGES CREEK FLOODPLAIN @ TUALATIN SHERWOOD RD		112	-	-	90,000	240,000	240,000	240,000	40,000	850,000
LOCAL RESTORATION PARTNERSHIPS - UMBRELLA	6855	112	1,299,200	1,303,500	1,060,100	1,015,700	942,500	609,000	276,000	3,903,300
LOWER WATERSHED RESTORATION PARTNERSHIPS - UMBRELLA		112	-	-	180,000	168,000	168,000	168,000	168,000	852,000
MCREE CREEK ENHANCEMENT		112	-	-	12,000	25,000	-	-	-	37,000
MIDDLE WATERSHED RESTORATION PARTNERSHIPS - UMBRELLA		112	-	-	98,000	167,500	167,500	167,500	167,500	768,000
NATURAL SYSTEM IMPROVEMENTS - SANI		112	200,000	-	-	-	300,000	300,000	300,000	900,000
TUALATIN RIVER REFUGE RESTORATION - UMBRELLA	6856	112	726,000	528,000	982,000	1,027,000	1,027,000	883,000	875,000	4,794,000
TUALATIN SOIL AND WATER CONSERVATION DISTRICT URBAN HABITAT CONSERVATION AND STEWARDSHIP PROGRAM - UMBRELLA	7329	112	-	39,000	117,000	140,500	-	-	-	257,500

Fund 112										
Project Name	Project #	Fund	FY25 Adopted	FY25 Revised	FY26 Budget	FY27 Budget	FY28 Budget	FY29 Budget	FY30 Budget	FY 2026-30 Total
TUALATIN SOIL AND WATER CONSERVATION PARTNERSHIP - UMBRELLA	7039	112	756,000	312,000	330,000	250,000	250,000	250,000	250,000	1,330,000
VEGETATED CORRIDOR ADVANCE MITIGATION - UMBRELLA		112	-	-	12,000	12,000	18,000	24,000	30,000	96,000
WETLAND MITIGATION MONITORING (SANITARY) - UMBRELLA	4943	112	244,500	244,500	285,000	217,000	175,000	115,000	67,000	859,000
Natural Systems Projects Total		112	4,231,300	3,445,600	4,680,300	5,629,300	6,743,500	3,501,000	2,559,500	23,113,600
Reuse Projects										
DAVIS TOOL SITE IMPROVEMENTS	7037	112	100,000	200,000	100,000	180,000	180,000			460,000
FOREST GROVE PROPERTY ENHANCEMENTS	6465	112	110,000	100,000	75,000	75,000	75,000			225,000
FOREST GROVE WEST AG LANDS DEVELOPMENT		112	-	-	100,000	750,000	1,000,000	-	-	1,850,000
JACKSON BOTTOM - COYOTE HILL WETLANDS & REFUGE SITE IMPROVEMENTS	7129	112	50,000	150,000	50,000	180,000	180,000			410,000
RECYCLED WATER MISCELLANEOUS UPGRADES	7279	112	50,000	180,000	50,000	100,000	100,000	100,000		350,000
Reuse Projects Total		112	310,000	630,000	375,000	1,285,000	1,535,000	100,000	0	3,295,000
Water Resource Recovery Facility Durham Projects										
DURHAM BOILERS 1&2 CONTROLS UPGRADE		112	-	100,000	90,000	-	-	-	-	90,000
DURHAM BULK HYPO TANK REPLACEMENT		112	-	-	-	175,000	1,540,000	1,020,000	-	2,735,000
DURHAM DISINFECTION BYPRODUCT MITIGATION	7348	112	-	60,000	290,000	-	-	-	-	290,000
DURHAM DISINFECTION REDUNDANCY PROJECT	7331	112	180,000	25,000	-	155,000	-	-	-	155,000
DURHAM DRY AND WET WEATHER OUTFALL REPAIR		112	-	-	-	220,000	-	-	-	220,000
DURHAM GAS TREATMENT STORAGE		112	50,000	-	-	50,000	150,000	-	-	200,000
DURHAM IPS PUMP AND FORCEMAIN ISOLATION GATE REPLACEMENT		112	-	-	-	2,000,000	750,000	-	-	2,750,000
DURHAM MISCELLANEOUS UPGRADES - UMBRELLA	6368	112	250,000	80,000	150,000	250,000	250,000	250,000	-	900,000
DURHAM ODOR CONTROL PHASE 3	7202	112	320,000	377,000	1,500,000	3,700,000	-	-	-	5,200,000
DURHAM PHASE 5C TERTIARY CLARIFIER IMPROVEMENTS	7313	112	300,000	250,000	1,500,000	2,500,000	2,300,000	2,300,000	-	8,600,000
DURHAM PHASE 6B - New Digester	7203	112	1,050,000	1,400,000	4,300,000	10,550,000	5,250,000	-	-	20,100,000
DURHAM PRIMARY BIOFILTER IMPROVEMENTS		112	-	-	-	340,000	1,200,000	-	-	1,540,000
DURHAM ROOF SAFETY IMPROVEMENTS		112	-	-	160,000	-	-	-	-	160,000
DURHAM SCADA NETWORK EVALUATIONS	7233	112	200,000	45,000	220,000	-	-	-	-	220,000
DURHAM SLUDGE LOADING BAY IMPROVEMENTS		112	-	150,000	220,000	-	-	-	-	220,000
DURHAM THICKENING CENTRIFUGE REPLACEMENT		112	-	-	-	200,000	650,000	2,250,000	2,250,000	5,350,000
DURHAM THICKENING POLYMER MODIFICATIONS		112	180,000	-	40,000	150,000	-	-	-	190,000
DURHAM UFAT EXPANSION	6834	112	4,720,000	3,940,000	50,000	-	-	-	-	50,000
DURHAM UNISON BACK-UP CHILLER		112	-	-	-	315,000	-	-	-	315,000
DURHAM WAREHOUSING BUILDING		112	-	-	-	150,000	800,000	275,000	-	1,225,000
ELECTRICAL MASTER PLAN	7342	112	-	50,000	200,000	200,000	400,000	-	-	800,000
Water Resource Recovery Facility Durham Projects Total		112	7,250,000	6,477,000	8,720,000	20,955,000	13,290,000	6,095,000	2,250,000	51,310,000
Water Resource Recovery Facility Forest Grove Projects										
FERNHILL MISCELLANEOUS IMPROVEMENTS - UMBRELLA	6849	112	50,000	200,000	300,000	300,000				600,000
FERNHILL NORTH	7180	112	50,000	-	-	125,000	2,000,000	2,000,000	-	4,125,000
FOREST GROVE 3RD AERATION BASIN		112	-	-	-	-	-	100,000	750,000	850,000
FOREST GROVE AERATION MODIFICATIONS		112	-	-	75,000	900,000	-	-	-	975,000
FOREST GROVE HHPS ODOR CONTROL		112	90,000	-	185,000	200,000	-	-	-	385,000
FOREST GROVE INFLUENT SCREENINGS IMPROVEMENT		112	100,000	-	-	150,000	1,150,000	1,000,000	-	2,300,000
FOREST GROVE MISCELLANEOUS UPGRADES - UMBRELLA	6374	112	100,000	50,000	95,000	100,000	100,000	100,000	100,000	495,000
FOREST GROVE PLC UPGRADE TO ALLEN-BRADLEY - UMBRELLA		112	-	55,000	250,000	250,000	120,000	-	-	620,000
FOREST GROVE PRIMARY TREATMENT	7190	112	17,800,000	23,050,000	29,600,000	-	-	-	-	29,600,000
FOREST GROVE RECYCLED WATER FACILITY	7275	112	300,000	-	-	250,000	-	-	-	250,000
FOREST GROVE SOLIDS TREATMENT ALTERNATIVES PROJECT	6896	112	-	-	-	-	-	1,200,000	700,000	1,900,000
Water Resource Recovery Facility Forest Grove Projects Total		112	18,490,000	23,355,000	30,505,000	2,275,000	3,370,000	4,400,000	1,550,000	42,100,000
Water Resource Recovery Facility Hillsboro Projects										
DAVIS TOOL AND JACKSON BOTTOM IRRIGATION IMPROVEMENTS	7179	112	450,000	23,000	350,000	450,000	-	-	-	800,000
HILLSBORO DISINFECTION IMPROVEMENTS		112	-	-	-	150,000	-	-	-	150,000
HILLSBORO FIBER RING UPGRADE		112	-	-	-	80,000	-	-	-	80,000
HILLSBORO MISCELLANEOUS UPGRADES - UMBRELLA	6373	112	100,000		100,000	100,000	100,000	100,000	100,000	500,000
HILLSBORO PLC UPGRADE TO ALLEN-BRADLEY - UMBRELLA		112	-	50,000	230,000	200,000	-	-	-	430,000
Water Resource Recovery Facility Hillsboro Projects Total		112	550,000	73,000	680,000	980,000	100,000	100,000	100,000	1,960,000
Water Resource Recovery Facility Water Rights Projects										
SECURING & MAINTAINING WATER RIGHTS - UMBRELLA	7336	112	-	50,000	100,000	-	-	-	-	100,000
Water Resource Recovery Facility Water Rights Projects Total		112	-	50,000	100,000	-	-	-	-	100,000

Fund 112										
Project Name	Project #	Fund	FY25 Adopted	FY25 Revised	FY26 Budget	FY27 Budget	FY28 Budget	FY29 Budget	FY30 Budget	FY 2026-30 Total
Water Resource Recovery Facility Rock Creek Projects										
ROCK CREEK & WEST BASIN MASTER PLAN	7054	112	945,000	1,777,800	200,000	-	-	-	150,000	200,000
ROCK CREEK AERATION BASIN #8		112	-	-	-	-	-	-	500,000	650,000
ROCK CREEK BIOGAS UTILIZATION	7307	112	-	700,000	6,000,000	13,000,000	200,000	-	-	19,200,000
ROCK CREEK GRIT IMPROVEMENTS		112	50,000	-	-	250,000	2,300,000	1,050,000	-	3,600,000
ROCK CREEK HEAT RECOVERY HEAT PUMP		112	-	-	-	1,400,000	-	-	-	1,400,000
ROCK CREEK IPS ODOR CONTROL IMPROVEMENTS		112	-	-	-	-	50,000	-	-	50,000
ROCK CREEK IPS PUMP CONE VALVE REPLACEMENT		112	-	-	-	100,000	950,000	-	-	1,050,000
ROCK CREEK LIME SYSTEM IMPROVEMENTS		112	50,000	-	1,000,000	-	-	-	-	1,000,000
ROCK CREEK MISCELLANEOUS UPGRADES - UMBRELLA	6372	112	225,000	390,000	275,000	325,000	325,000	-	-	925,000
ROCK CREEK PRIMARY CLARIFIER #4	7012	112	8,260,000	10,150,000	400,000	-	-	-	-	400,000
ROCK CREEK RECYCLED WATER IMPROVEMENTS	7112	112	-	28,500	150,000	5,750,000	-	-	-	5,900,000
ROCK CREEK TERTIARY EXPANSION		112	-	-	-	500,000	2,000,000	17,000,000	16,100,000	35,600,000
ROCK CREEK WASTE ACTIVATED SLUDGE PUMPING SYSTEM IMPROVEMENTS	7108	112	150,000	20,000	-	150,000	-	-	-	150,000
Water Resource Recovery Facility Rock Creek Projects Total		112	9,680,000	13,066,300	8,025,000	21,475,000	5,825,000	18,200,000	16,600,000	70,125,000
Fund 112 Total		112	73,902,800	79,279,500	119,544,300	118,619,600	97,328,600	111,371,000	91,349,500	538,213,000
CLOSED Sanitary Projects			13,173,500	17,541,322						
TOTAL Sanitary Projects			101,400,800	107,623,608	144,592,400	143,866,600	111,191,100	116,997,500	100,626,600	617,274,200
					Building Facilities	36,050,000	20,245,000	15,560,000	9,950,000	83,475,000
					Conveyance	36,014,000	51,055,300	54,336,600	70,314,000	284,083,200
					Fleet/Vehicle	3,297,000	1,245,000	916,000	1,315,500	8,112,300
					Natural Systems	5,041,300	5,776,300	6,923,500	3,628,000	24,048,600
					Reuse	375,000	1,285,000	1,535,000	100,000	3,295,000
					Technology	3,515,100	2,910,000	2,910,000	550,000	10,435,100
					WRRF	60,300,000	61,350,000	29,010,000	31,140,000	203,825,000
					Totals \$	144,592,400	\$ 143,866,600	\$ 111,191,100	\$ 116,997,500	\$ 617,274,200

Sanitary CIP Project List

Project Detail

Project Name: SANITARY HEAVY DUTY TRUCK/EQUIPMENT ADDITIONS

Project Number: 6303

Project Subtype: Fleet

Fund: 101 - General Fund

Project Manager: Steve McNeill

Project Status: Open

Department/Program: UOPS - Field Ops

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$67,446	\$210,000	\$175,500	\$1,005,000	\$125,000	\$0	\$0	\$0	\$1,130,000
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	\$67,446	\$210,000	\$175,500	\$1,005,000	\$125,000	\$0	\$0	\$0	\$1,130,000
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 8373 System Maintenance, Purchase New MY25 Truck Mounted Combo Sewer Cleaner, \$675,000.00, Owen Equipment stock order. Sourcewell contract

Program 8371 System Repair, purchase new triple axel equipment trailer, \$60,000.00 through Sourcewell contract

Program 8371 System Repair, purchase used Telehandler, \$100,000.00

Program 8331 Biosolids/Reuse/Fernhill, purchase new 12-14yd dump truck, \$170,000.00. DAS Contract

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$109,375	\$110,000	\$103,200	\$75,000	\$0	\$0	\$0	\$0	\$75,000
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	\$109,375	\$110,000	\$103,200	\$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:

Program 8212 - Environmental Services, MY25 AWD Ford Escape, \$35,000.00. ORPIN Price agreement.

Program 8406 - Treatment Plant Services Engineering, MY25 Ford Escape Hybrid, \$40,000.00 ORPIN Price agreement. New FTE was approved, department requested a vehicle.

Project Detail

Project Name: CAPITAL OUTLAY FY 2025-26

Project Number: 2026

Project Subtype: Finance

Fund: 101 - General Fund

Project Manager: Kathleen Leader

Project Status: Candidate

Department/Program: Business Svcs - Finance

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$122,100	\$60,000	\$60,000	\$60,000	\$60,000	\$362,100
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	\$122,100	\$60,000	\$60,000	\$60,000	\$60,000	\$362,100
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:

8312 RC Ops- Electric Cart \$25k

8232 Laboratory Services- Refrigerated Autosampler \$10k

8232 Laboratory Services- Portable WQ Sonde \$15k

8232 Laboratory Services- Autosampler w/Modem and Solar Panel \$17.6k

8232 Laboratory Services- Vessel set w/Rack and Turntable \$16.5k

8232 Laboratory Services- Analytical Balance for RC Lab\$13k

8344 RC Mech Maint- Electric Cart \$25k

Total \$122.1k

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$41,659	\$4,048	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$25,000	\$25,000	\$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	\$562	\$476	\$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	\$42,221	\$4,524	\$25,000	\$25,000	\$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.

FY25/26 - 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: LABORATORY INFORMATION MANAGEMENT SYSTEM (LIMS)

Project Number:

Project Subtype: Regulatory Affairs

Fund: 101 - General Fund

Project Manager: Karen Chichetu

Project Status: Candidate

Department/Program: Regulatory Affairs

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$250,000	\$0	\$0	\$0	\$0	\$250,000
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	\$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	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$250,000	\$0	\$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:

The current LIMS is inadequate for meeting the demand of the lab to manage an increasing level of workload. The current LIMS is based on outdated 32-bit architecture and is incapable of being upgraded. The slow architecture results in lab staff spending an inordinate amount of time waiting for processes and calculation to be completed. This results a lot of wasted staff time and constrained resources. The enforced inefficiency is a source of frustration and stress for the laboratory staff. The time lost has resulted in analytical errors and has constrained the laboratory's ability to process samples during critical periods. As the complexity of task and projects grow in the future the laboratory LIMS will need to support the increased complexity and workload of projects.

Project Detail

Project Name: PLAN REVIEW APPLICANT PORTAL

Project Number: 7227

Project Subtype: RUSD Managed Projects

Fund: 101 - General Fund

Project Manager: Damon Reische

Project Status: Open

Department/Program: Regional Utility Services

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$197	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$72,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$12,323	\$29,595	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$8,000	\$10,000	\$0	\$0	\$0	\$0	\$10,000
Totals	\$12,520	\$29,595	\$72,000	\$8,000	\$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:

Modernize the plan review process by creating a portal for applicants to submit data through the CWS public website and allow online collection of fees. Contract with a consultant to develop and customize software to integrates with the AMANDA permitting software that will allow applicants to upload applications, plans (CAD files), as-builts and other related materials to an online portal. The portal would allow for applicants to check the status of applications and pay fees online. The portal would also have an automated process for AMANDA folders to be created once an application has been submitted. The development of this tool is expected to have a initial development cost with an annual software and support operations cost once deployed.

Project Detail

Project Name: SUPPLIER DIVERSITY MANAGEMENT SOFTWARE

Project Number:

Project Subtype: Legal

Fund: 101 - General Fund

Project Manager: Christina Gangle

Project Status: Candidate

Department/Program: Office of CEO - Legal

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$70,000	\$0	\$0	\$0	\$0	\$70,000
Totals	\$0	\$0	\$0	\$0	\$70,000	\$0	\$0	\$0	\$0	\$70,000
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 (CWS), as part of its equity initiative, seeks to buy diversity management software to initially collect and track data from its suppliers and contractors on minority-owned, woman-owned, emerging and disadvantaged subcontractor usage and possible spend with COBID-certified contractors not already being captured in CWS' other processes. As CWS' equity program matures, CWS would also use the software to ensure the supplier/contractor complies with any contract requirements involving utilization of these subcontractor groups and apprenticeship usage requirements. The software can also be used to analyze all COBID-spend and generate reports showing CWS' equity efforts.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$81,942	\$71,917	\$53,000	\$75,000	\$110,000	\$85,000	\$90,000	\$95,000	\$100,000	\$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	\$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	\$81,942	\$71,917	\$53,000	\$75,000	\$110,000	\$85,000	\$90,000	\$95,000	\$100,000	\$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:

Program 8375 - TV/Flow Monitoring: TV inspection camera and transporter replacement for on going TV equipment modernization program. \$80,000

Program 8373 - Line Maintenance: Laine Maintenance low weight vacuum hose for behind property work. \$30,000

Project Detail

Project Name: FIELD OPERATIONS MERLO GENERATOR REPLACEMENT

Project Number:

Project Subtype: Field Operations

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Ryan Sandhu

Project Status: Open

Department/Program: UOPS - Field Ops

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$110,000	\$10,000	\$30,000	\$0	\$0	\$0	\$0	\$30,000
Design and Engineering	\$0	\$0	\$20,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$110,000	\$10,000	\$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	\$240,000	\$40,000	\$70,000	\$0	\$0	\$0	\$0	\$70,000
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 emergency generator at the Field Operations Facility located on Merlo Ct. The existing generator is at the end of its lifecycle.

Project Detail

Project Name: FLOW MONITORING EQUIPMENT RENEWAL

Project Number:

Project Subtype: Field Operations

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Doug Schuh

Project Status: Candidate

Department/Program: UOPS - Field Ops

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$142,000	\$150,000	\$157,500	\$165,000	\$173,300	\$787,800
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	\$0	\$0	\$142,000	\$150,000	\$157,500	\$165,000	\$173,300	\$787,800
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 FY26 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 (capacity and I&I abatement projects), and wet weather system response monitoring.

Project Detail

Project Name: SANITARY SEWER MANHOLE REHABILITATION

Project Number:

Project Subtype: Field Operations

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Gabe Sohler

Project Status: Candidate

Department/Program: UOPS - Field Ops

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$150,000	\$150,000	\$150,000	\$0	\$0	\$450,000
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	\$150,000	\$150,000	\$150,000	\$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:

Contract rehabilitation work on high priority sanitary manholes \$150,000

Sani Sewer R&R

Project Name: SANITARY SEWER R&R - UMBRELLA

Project Subtype: Field Operations

Project Manager: Gabe Sohler

Department/Program: UOPS - Field Ops

Project Number:

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Status: Candidate

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$200,000	\$200,000	\$200,000	\$0	\$0	\$600,000
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	\$200,000	\$200,000	\$200,000	\$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 tasks in this project include the replacement/renewal of existing sanitary sewer conveyance system assets. Projects proposed for FY26 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: 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$1,571	\$20,000	\$3,000	\$94,000	\$4,000	\$0	\$0	\$0	\$98,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$700	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$15,828	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$150	\$4,000	\$16,900	\$9,000	\$1,000	\$0	\$0	\$0	\$10,000
Plans and Studies	\$0	\$4,110	\$0	\$0	\$0	\$2,000	\$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	\$0	\$21,755	\$24,000	\$20,600	\$103,000	\$7,000	\$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:

An exposed sewer main 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: BANKS I&I ABATEMENT

Project Number:

Project Subtype: Rehabilitation

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Kyle Kirwan

Project Status: Candidate

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$500,000	\$0	\$0	\$0	\$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	\$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	\$500,000	\$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:

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$850,000	\$0	\$0	\$0	\$850,000
Design and Engineering	\$0	\$0	\$50,000	\$60,800	\$20,000	\$30,000	\$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	\$539	\$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	\$539	\$50,000	\$60,800	\$20,000	\$880,000	\$0	\$0	\$0	\$900,000
Other Funding	\$0	\$25,000	\$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 has been identified by field operations as high maintenance area and it involves the replacement of 2,000 Linear Feet of existing 6 and 8 inch AC pipe, the associated service line connections, and manholes from MH 4572 upstream to approximately MH 4389.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000
Design and Engineering	\$0	\$0	\$50,000	\$50,000	\$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	\$4,587	\$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	\$4,587	\$50,000	\$50,000	\$2,000,000	\$0	\$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:

Relocation/protection of exposed manhole 4567 and the adjacent 8-inch sanitary sewer located in Fanno Creek.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000	\$600,000	\$850,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$120,000	\$200,000	\$30,000	\$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	\$75,000	\$0	\$0	\$0	\$5,000	\$0	\$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	\$75,000	\$0	\$0	\$0	\$125,000	\$450,000	\$630,000	\$1,205,000
Other Funding	\$0	\$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:

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 fix 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: EXPOSED SANI SEWER MULTI-SITE REPAIRS - CEDAR MILL CREEK AND 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000	\$0	\$0	\$300,000
Design and Engineering	\$0	\$0	\$0	\$0	\$20,000	\$130,000	\$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	\$12,000	\$43,000	\$60,000	\$0	\$0	\$115,000
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	\$32,000	\$173,000	\$360,000	\$0	\$0	\$565,000
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:

Repair and protection of high-priority exposed sanitary sewer lines. Will include stabilization and enhancement of Cedar Mill Creek and Golf Creek in the immediate vicinity of exposed infrastructure.

Project Detail

Project Name: FANNO CREEK @ WOODARD PARK SANITARY SEWER STABILIZATION Project Number: 7286

Project Subtype: Rehabilitation

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Matthew Brennan

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$25,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$0	\$12,000
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	\$30,976	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$5,000	\$15,000	\$1,000	\$1,000	\$1,000	\$1,000	\$0	\$4,000
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	\$30,976	\$30,000	\$18,000	\$4,000	\$4,000	\$4,000	\$4,000	\$0	\$16,000
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 temporarily stabilized (in 2023) the streambanks of Fanno Creek where erosion and scour threatened a 24" exposed sanitary sewer. The project is intended to provide support for the pipe at the streambanks until a permanent solution to remove the exposed crossing can be implemented.

Project Detail

Project Name: FANNO CREEK INTERCEPTOR REHAB

Project Number: 7181

Project Subtype: Rehabilitation

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Wade Denny

Project Status: Open

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,560,000	\$4,560,000
Design and Engineering	\$105	\$0	\$100,000	\$50,000	\$500,000	\$1,000,000	\$1,000,000	\$0	\$0	\$2,500,000
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	\$12,828	\$93,743	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$50,000	\$250,000	\$250,000	\$0	\$0	\$550,000
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	\$12,933	\$93,743	\$100,000	\$50,000	\$550,000	\$1,250,000	\$1,250,000	\$0	\$4,560,000	\$7,610,000
Other Funding	\$0	\$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:

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 45,000 linear feet of 60,48, and 36 diameter pipes, the associated manholes improvements, access improvements and vegetation enhancement along the Fanno Creek Corridor. This project is planned to be designed between FY25 and FY28 with construction beginning in FY30 to FY36.

Project Detail

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

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000	\$0	\$0	\$400,000
Design and Engineering	\$0	\$0	\$0	\$0	\$100,000	\$75,000	\$0	\$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	\$40,000	\$38,000	\$80,000	\$0	\$0	\$158,000
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	\$140,000	\$113,000	\$480,000	\$0	\$0	\$733,000
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 a high-priority exposed sanitary sewer in Hall Creek and enhance the stream channel to provide resilience and prevent future exposure.

Project Detail

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

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$90,000	\$0	\$338,000	\$14,000	\$0	\$0	\$0	\$352,000
Design and Engineering	\$0	\$0	\$0	\$8,000	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$10,000	\$10,000	\$0	\$0	\$0	\$20,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$13,015	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$18,000	\$38,000	\$51,000	\$11,000	\$0	\$0	\$0	\$62,000
Plans and Studies	\$0	\$0	\$0	\$25,000	\$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	\$13,015	\$108,000	\$71,000	\$399,000	\$35,000	\$0	\$0	\$0	\$434,000
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:

Relocation/protection of an exposed 8-inch PVC sanitary sewer that is perched above Springville Creek at Meadowland Terrace. This location was assessed and deemed a high priority for protection. Repair/protection will be designed and constructed in-house.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$165,000	\$0	\$165,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$25,000	\$50,000	\$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	\$8,000	\$15,000	\$30,000	\$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	\$0	\$33,000	\$65,000	\$195,000	\$0	\$293,000
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: 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$13,302	\$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	\$102,246	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$32,704	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$131,571	\$0	\$362,586	\$200,000	\$50,000	\$50,000	\$50,000	\$50,000	\$400,000
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	\$279,823	\$0	\$362,586	\$200,000	\$50,000	\$50,000	\$50,000	\$50,000	\$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 covers miscellaneous facility renewal and replacement projects

\$100,000 Pressure wash exterior & seal coat or paint concrete siding

\$40,000 Repair or replace wood slats for HVAC rooftop screening

\$10,000 place river rock around parameter of building

\$50,000 Remove damaged trees in south parking island & replant

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$99,184	\$7,232	\$155,000	\$112,000	\$140,000	\$60,000	\$60,000	\$60,000	\$60,000	\$380,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$2,596	\$35,537	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$1,893	\$13,152	\$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	\$103,673	\$55,921	\$155,000	\$112,000	\$140,000	\$60,000	\$60,000	\$60,000	\$60,000	\$380,000
Other Funding	\$0	\$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 umbrella project covers miscellaneous facility renewal and replacement projects

FY26: \$140,000

DMTPS security system replacement & new system for DMO&M \$140,000

Project Detail

Project Name: DURHAM IPS HVAC REPAIRS

Project Number:

Project Subtype: Facilities Management Projects

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Karen Bill

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$200,000	\$0	\$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	\$250,000	\$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 is to repair the exhaust ductwork above the control room that has failed and causes air balance and pressure problems in the pump station, also to add automatic control to the heating water pumps to turn them on when needed and off when not needed thereby saving energy. Currently this project is deferred to FY27.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$13,364	\$35,103	\$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	\$41,932	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$7,085	\$11,128	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$3,712	\$485	\$0	\$154,900	\$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	\$66,093	\$46,716	\$25,000	\$154,900	\$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

FY26: \$50,000

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

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$175,000	\$0	\$0	\$175,000	\$0	\$0	\$0	\$175,000
Design and Engineering	\$0	\$0	\$35,000	\$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	\$210,000	\$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 admin building HVAC system is problematic - it has experiences refrigerant leaks and compressor failures, accruing repair costs. It is not considered reliable. This project would replace the existing HVAC system with a mix of ducted and ductless splits for 4-6 zones.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$21,557	\$14,639	\$60,000	\$0	\$0	\$20,000	\$20,000	\$20,000	\$20,000	\$80,000
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	\$643	\$1,154	\$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	\$30,000	\$30,000	\$0	\$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	\$22,200	\$15,793	\$60,000	\$30,000	\$30,000	\$20,000	\$20,000	\$20,000	\$20,000	\$110,000
Other Funding	\$0	\$75,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This umbrella project covers miscellaneous facility renewal and replacement projects

Repaint maintenance shop exterior \$30k

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$37,602	\$0	\$50,000	\$0	\$25,000	\$50,000	\$25,000	\$25,000	\$25,000	\$150,000
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	\$1,041	\$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	\$15,000	\$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	\$38,643	\$0	\$50,000	\$15,000	\$25,000	\$50,000	\$25,000	\$25,000	\$25,000	\$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:

This umbrella project covers miscellaneous facility renewal and replacement projects

Project Detail

Project Name: HVAC REPLACEMENTS - UMBRELLA

Project Number:

Project Subtype: Facilities Management Projects

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Marc Franck

Project Status: Candidate

Department/Program: Business Svcs - Facilities

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$210,000	\$100,000	\$95,000	\$100,000	\$0	\$505,000
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	\$210,000	\$100,000	\$95,000	\$100,000	\$0	\$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 covers HVAC renewal and replacement projects at all District locations (except Central)

FY26: \$210,000

FO HVAC replace FO-F6 AC & furnace \$85,000

FO HVAC Reliable BACnet controls for management of HVAC systems \$125,000

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$50,081	\$0	\$20,000	\$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	\$2,365	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$1,103	\$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	\$53,549	\$0	\$20,000	\$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

\$15,000 Sherwood PS restroom improvements

\$15,000 Sherwood PS exterior repairs & painting

Project Detail

Project Name: RIPL FACILITY R&R
 Project Subtype: Facilities Management Projects
 Project Manager: Marc Franck
 Department/Program: Business Svcs - Facilities

Project Number: 7213
 Fund: 106 - Capital Replacement & Renewal – Sanitary
 Project Status: Open

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$10,000	\$10,000	\$10,000	\$10,000	\$40,000
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	\$10,000	\$10,000	\$10,000	\$10,000	\$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 umbrella project covers miscellaneous facility renewal and replacement projects

Project Detail

Project Name: ROCK CREEK CHEMICAL BUILDING MAU REPLACEMENT

Project Subtype: Facilities Management Projects

Project Manager: Karen Bill

Department/Program: WRRD

Project Number:

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Status: Candidate

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$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	\$0	\$50,000	\$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 EAST RAS/WAS & AB'S MAU REPLACEMENTS

Project Number:

Project Subtype: Facilities Management Projects

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Karen Bill

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$325,000	\$0	\$0	\$0	\$325,000
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	\$325,000	\$0	\$0	\$0	\$375,000
Other Funding	\$0	\$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 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 FACILITY RENEWAL AND REPLACEMNT

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$14,943	\$25,000	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$8,400	\$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	\$23,000	\$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	\$8,400	\$14,943	\$25,000	\$23,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
Other Funding	\$0	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This umbrella project covers miscellaneous facility renewal and replacement projects

FY26: \$25,000

West exit vehicle gate replacement \$25,000

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$100,000
Design and Engineering	\$0	\$0	\$47,500	\$15,000	\$32,500	\$0	\$0	\$0	\$0	\$32,500
Equipment and Materials	\$0	\$0	\$150,000	\$75,000	\$0	\$250,000	\$0	\$0	\$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	\$197,500	\$90,000	\$32,500	\$350,000	\$0	\$0	\$0	\$382,500
Other Funding	\$0	\$250,000	\$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 switchgear equipment was installed in 1991 and is nearing the end of its useful life and replacement parts are no available. This project is to replace the existing switchgear with a new switchgear to improve reliability for the treatment plant processes.

Project Detail

Project Name: SPRINGER FACILITY R&R
 Project Subtype: Facilities Management Projects
 Project Manager: Marc Franck
 Department/Program: Business Svcs - Facilities

Project Number: 7211
 Fund: 106 - Capital Replacement & Renewal – Sanitary
 Project Status: Open

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000	\$0	\$0	\$25,000
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	\$25,000	\$0	\$0	\$25,000
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

FY28 Candidate

MHY Security system retrofit installation \$25,000

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$116	\$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	\$20,000	\$20,000	\$20,000	\$20,000	\$105,000
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$16,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$16,716	\$0	\$0	\$25,000	\$20,000	\$20,000	\$20,000	\$20,000	\$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:

This umbrella project covers miscellaneous facility renewal and replacement projects

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

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$330,748	\$939,382	\$1,410,000	\$875,900	\$1,860,000	\$540,000	\$485,000	\$770,000	\$730,000	\$4,385,000
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	\$330,748	\$939,382	\$1,410,000	\$875,900	\$1,860,000	\$540,000	\$485,000	\$770,000	\$730,000	\$4,385,000
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:

Vehicle #550, Vactor Truck, Program 8373 FO System Maintenance, Replacement \$700,000.00. DAS Contract

Vehicle #282, JD Backhoe, Program 8371 FO System Repair, Replacement \$270,000.00. Sourcewell Contract

Vehicle #526, Sterling Dump Truck, Program 8371 FO System Repair, Replacement \$200,000.00. DAS Contract.

Vehicle #161, Truck Mounted Sewer Cleaner BODY ONLY, Program 8373 FO System Maintenance, Replacement \$300,000.00. Carry over project from FY25 due to Vactor factory build slot availability. DAS Contract

Vehicle #503, Truck Mounted Specialized BODY ONLY, Program 8371 FO System Repair, Replacement \$240,000.00. FY25-26 carry over project due to Specialized body builder fabrication scheduled out until 10/2025.

Vehicle #514, GMC Dump Truck, Program 8371 FO System Repair, Replacement \$150,000.00. DAS Contract

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$100,000	\$356,245	\$610,000	\$485,300	\$357,000	\$580,000	\$431,000	\$545,500	\$608,800	\$2,522,300
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	\$100,000	\$356,245	\$610,000	\$485,300	\$357,000	\$580,000	\$431,000	\$545,500	\$608,800	\$2,522,300
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:

Vehicle #133, Program 8212, Regulatory Affairs Environmental Services, Replacement Cost \$45,000.00. ORPIN Price agreement.

Vehicle #233, Business Operations Facilities Maintenance, Replacement Cost \$70,000.00. ORPIN Price agreement.

Vehicle #517, WRRD, Hillsboro Operations & Maintenance, Replacement Cost \$50,000.00. ORPIN Price agreement

Vehicle #518, WRRD, Biosolids/Reuse/Fernhill, Replacement Cost \$100,000.00. ORPIN Price agreement.

Vehicle #501 Program 8380 FO Local Repair & Construction, Replacement Cost BODY ONLY, \$92,000.00. FY25 Carry over project. Truck chassis cab is onsite @ Pacific Truck Colors the body upfitter. Body ETA to upfitter, 10/25.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$249,000	\$232,000	\$112,000	\$106,000	\$103,000	\$105,000	\$658,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$70,000	\$99,000	\$23,000	\$13,000	\$13,000	\$5,000	\$153,000
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	\$29,000	\$30,000	\$12,000	\$11,000	\$11,000	\$10,000	\$74,000
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	\$348,000	\$361,000	\$147,000	\$130,000	\$127,000	\$120,000	\$885,000
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 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 26, there are three projects including portions of Bronson Creek (\$174,000), Beaverton Creek (\$151,000) and Summer Creek (\$36,000).

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$290,000	\$0	\$0	\$0	\$50,000	\$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	\$29,000	\$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	\$0	\$319,000	\$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:

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: CAPITAL OUTLAY FY 2025-26 REPLACEMENTS

Project Number: 2026 REPLACEMENTS

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$93,000	\$60,000	\$60,000	\$60,000	\$60,000	\$333,000
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	\$93,000	\$60,000	\$60,000	\$60,000	\$60,000	\$333,000
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:

8311 Durham Operations- Electric Cart \$25k

8232 Laboratory Services- Analytical Balance for DM Lab \$13k

8232 Laboratory Services- Analytical Balance for Solids Room \$13k

8232 Laboratory Services- Analytical Balance for Autochem Room \$13k

8232 Laboratory Services- Muffle Furnace \$14k

8344 RC Mech Maint- Pipe Threader 1/2"-4" \$15k

Total \$93k

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$14,045	\$124,008	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$95,000	\$95,000	\$150,000	\$50,000	\$50,000	\$50,000	\$50,000	\$350,000
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	\$96,837	\$26,105	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$3,230	\$16,900	\$25,000	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$81,360	\$0	\$80,000	\$80,000	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Totals	\$195,472	\$167,013	\$200,000	\$200,000	\$300,000	\$50,000	\$50,000	\$50,000	\$50,000	\$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:

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.

FY25/26 - Core firewall replacements for independent Internet (moving away from BUG) in Jan 2026 (\$50k each x2 + \$50k for licensing. \$150k).

More SCADA, IoT and Guest firewalls for continued separation from the Enterprise network (\$5k each x10 + \$50k for licensing, \$100k).

Cybersecurity software (\$50k)

Project Detail

Project Name: ERP REPLACEMENT
 Project Subtype: Business Applications
 Project Manager: John Shaw
 Department/Program: Digital Solutions

Project Number:
 Fund: 106 - Capital Replacement & Renewal – Sanitary
 Project Status: Candidate

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$1,000,000	\$1,000,000	\$0	\$0	\$2,200,000
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$500,000	\$1,000,000	\$1,000,000	\$0	\$0	\$2,500,000
Software	\$0	\$0	\$0	\$0	\$300,000	\$300,000	\$300,000	\$0	\$0	\$900,000
Totals	\$0	\$0	\$0	\$0	\$1,000,000	\$2,300,000	\$2,300,000	\$0	\$0	\$5,600,000
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:

CWS plans to undertake an ERP replacement feasibility study to determine the necessity and requirements for a new ERP system to be implemented in FY26-FY28. The current ERP system, Oracle EBS, as well as related systems, such Prosight (capital planning) and Questica (budgeting), may be upgraded or replaced as part of this project. This project will require professional services for implementation of the new system as well as the creation of new integration between the ERP and existing CWS systems. The current ERP system will improve user experience, be based on modern technologies, optimize business processes, be a right-sized solution to meet the needs of the District, and leverage "out of the box" functionality rather than relying on heavy customization.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$330,929	\$344,325	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$750,000	\$300,000	\$490,000	\$60,000	\$60,000	\$60,000	\$60,000	\$730,000
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	\$17,854	\$77,670	\$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	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Totals	\$348,783	\$421,995	\$750,000	\$300,000	\$990,000	\$60,000	\$60,000	\$60,000	\$60,000	\$1,230,000
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 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

FY25/26 - annual hardware replacement for network equipment (35 switches at an average \$8k per switch. \$280k). CWS Central 3rd floor build out in 2026 (est. \$150k). APs for building coverage & expansion (\$1500 each x20. \$30k). RAPs & CradlePoints for FO trucks (\$3000 per truck x 10, \$30k). Rollover from FY24/25 for phone system replacement (\$500k).

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$36,242	\$59,273	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$100,000	\$100,000	\$170,000	\$60,000	\$60,000	\$0	\$0	\$290,000
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	\$0	\$942	\$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	\$36,242	\$60,215	\$100,000	\$100,000	\$170,000	\$60,000	\$60,000	\$0	\$0	\$290,000
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

FY25/26 - many of our MFDs are far beyond their replacement schedule and are currently problematic for our employees. Planning to replace all devices at ABC (\$10k each x 8. \$80k), which can be moved to CWS Central as needed, two devices at RC, DM, FO (\$10k each x6. \$60k). Annual monitor replacements (\$30k).

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$97,934	\$301,841	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$150,000	\$150,000	\$210,000	\$80,000	\$80,000	\$80,000	\$80,000	\$530,000
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	\$0	\$15,513	\$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	\$57,246	\$139,167	\$100,000	\$100,000	\$120,000	\$60,000	\$60,000	\$60,000	\$60,000	\$360,000
Totals	\$155,180	\$456,521	\$250,000	\$250,000	\$330,000	\$140,000	\$140,000	\$140,000	\$140,000	\$890,000
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

FY25/26 - Server cluster node expansion, both production and non-prod (\$35k per server including licensing x4. \$140k). Backup server replacement @ RC (\$50k). SCADA server replacement & expansion (2 per site for DM & RC, \$35k each. \$140k)

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$36,478	\$229,964	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$350,000	\$350,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
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	\$0	\$2,500	\$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	\$36,478	\$232,464	\$350,000	\$350,000	\$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:

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

FY25/26 - digital storage expansion for Netapp clusters @ CoLo & RC (\$75k for each site. \$150k total)

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$69,000	\$121,000	\$0	\$0	\$0	\$0	\$121,000
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	\$69,000	\$121,000	\$0	\$0	\$0	\$0	\$121,000
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 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 allow the boiler to reach full capacity and increase their effective capacity.

Project Detail

Project Name: DM IPS VFD CONTROLS UPGRADE

Project Number: 7158

Project Subtype: Durham

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Leigh Kojiro

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$15,000	\$10,000	\$10,000	\$0	\$0	\$0	\$0	\$10,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$500	\$148,471	\$150,000	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$2,464	\$6,770	\$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	\$2,964	\$155,241	\$165,000	\$160,000	\$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 replace the remaining three obsolete medium voltage variable frequency drive controllers at the Durham Influent Pump Station.

Project Detail

Project Name: DURHAM NON-POTABLE WATER 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$200,000	\$300,000	\$0	\$0	\$0	\$500,000
Design and Engineering	\$0	\$0	\$0	\$0	\$100,000	\$25,000	\$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	\$0	\$0	\$300,000	\$325,000	\$0	\$0	\$0	\$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:

The existing non-potable piping on the aeration basins at the Durham facility is damaged and largely non-functional, making housekeeping on the aeration basins difficult. This project will replace these pipes, relocate them above the deck so that they can be repaired in the future, and will also provide means to drain and winterize the piping.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$600,000	\$0	\$200,000	\$1,200,000	\$0	\$0	\$0	\$1,400,000
Design and Engineering	\$0	\$64,909	\$10,000	\$55,000	\$40,000	\$35,000	\$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	\$7,068	\$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	\$71,977	\$610,000	\$55,000	\$240,000	\$1,235,000	\$0	\$0	\$0	\$1,475,000
Other Funding	\$0	\$350,000	\$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 at the Durham facility will include repair or replacement of the the plant road from the main entrance down to the O&M 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 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$80,000	\$150,000	\$150,000	\$150,000	\$0	\$0	\$450,000
Design and Engineering	\$0	\$0	\$150,000	\$50,000	\$100,000	\$100,000	\$100,000	\$0	\$0	\$300,000
Equipment and Materials	\$0	\$0	\$100,000	\$120,000	\$150,000	\$150,000	\$150,000	\$0	\$0	\$450,000
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	\$400,000	\$400,000	\$400,000	\$0	\$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:

Programmable logic controllers (PLC) are used throughout the Durham facility to automate and monitor the treatment process. This project will update several PLC's. The Texas Instruments (TI)/Siemens PLC components in PLC-1, PLC-3, and PLC-8 at Durham are outdated and obsolete and no longer supported. The TI/Siemens components will be replaced with Allen Bradley PLC components, which the District has standardized on.

FY26 will focus on PLC-1 Filters and PLC-3 Headworks. - \$400,000

FY27 will focus on PLC-8, PLC-4, and PLC-5. - \$400,000

Project Detail

Project Name: DURHAM PRIMARY CLARIFIERS 1-4 REPAIR

Project Subtype: Durham

Project Manager: Mike Idehara

Department/Program: WRRD

Project Number:

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Status: Candidate

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$1,600,000	\$1,600,000	\$0	\$0	\$3,200,000
Design and Engineering	\$0	\$0	\$0	\$0	\$150,000	\$75,000	\$75,000	\$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	\$1,675,000	\$1,675,000	\$0	\$0	\$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:

Durham 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: 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$80,000	\$0	\$0	\$0	\$80,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$20,000	\$0	\$0	\$0	\$20,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$40,000	\$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	\$0	\$0	\$140,000	\$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 project will replace existing multimode and single mode fiber optics communications installed throughout the Forest Grove facility. The replacement will create a continuous single mode 24 fiber ring that will provide network redundancy and improved separation between PLC/SCADA and Administrative networks.

Project Detail

Project Name: FOREST GROVE NORTH ATS SWITCH REPLACEMENT

Project Subtype: Forest Grove

Project Manager: Leigh Kojiro

Department/Program: WRRD

Project Number:

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Status: Candidate

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$100,000	\$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	\$0	\$0	\$0	\$150,000	\$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:

FG North ATS (1) is extremely old and is in need of replacement and is an extremely vital element for the plant. This piece may need to defer until the entire site electrical master plan is executed.

Project Detail

Project Name: NATURAL TREATMENT SYSTEMS BYPASS PIPELINE

Project Number: 7324

Project Subtype: Forest Grove

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Jared Kinnear

Project Status: Open

Department/Program: UOPS - Field Ops

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Design and Engineering	\$0	\$0	\$0	\$50,000	\$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	\$50,000	\$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:

The Natural Treatment System Waterfall, which is needed for meeting our permit limit for dissolved oxygen, is going to be repaired with this project.

Project Detail

Project Name: HB HEADWORKS SYSTEM REHAB

Project Subtype: Hillsboro

Project Manager: Joshua Johnson

Department/Program: WRRD

Project Number:

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Status: Candidate

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$750,000	\$0	\$0	\$0	\$750,000
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	\$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	\$50,000	\$850,000	\$0	\$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:

Numerous components of the HB headworks are aging and require replacement, including components of the grit cyclones. Washer-compactors have experienced premature wear as a result of grit. 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. This project includes improvements to the HB headworks, including improvements to the odor control system to address corrosion concerns,

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$600,000	\$100,000	\$1,500,000	\$2,500,000	\$700,000	\$0	\$0	\$4,700,000
Design and Engineering	\$1,470	\$307,554	\$175,000	\$280,000	\$100,000	\$75,000	\$75,000	\$0	\$0	\$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	\$10,188	\$80,100	\$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	\$11,658	\$387,654	\$775,000	\$380,000	\$1,600,000	\$2,575,000	\$775,000	\$0	\$0	\$4,950,000
Other Funding	\$0	\$250,000	\$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 will rehabilitate the Primary Sludge Pump Station at Durham 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 new E-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 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$120,000	\$20,000	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Design and Engineering	\$0	\$4,414	\$0	\$60,000	\$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	\$750	\$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	\$5,164	\$120,000	\$80,000	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Other Funding	\$0	\$110,000	\$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 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$2,083	\$41,606	\$0	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$2,985	\$2,295	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$315,005	\$265,517	\$500,000	\$875,000	\$395,000	\$400,000	\$400,000	\$400,000	\$400,000	\$1,995,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$75,753	\$129,092	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$5,566	\$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	\$395,826	\$444,076	\$500,000	\$1,175,000	\$395,000	\$400,000	\$400,000	\$400,000	\$400,000	\$1,995,000
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:

- Primary Clarifier 1 Scum Skimmer Replacement - \$50,000
- Headworks Screen Chain Replacement - \$50,000
- IPS Trip Unit Replacement (Q:4) - \$70,000
- MV Feeder US2B in OSTARA Replacement - \$30,000
- Filter 10 Media Replacement - \$75,000
- IPS Influent Box Gate Replacement - \$60,000
- Filter 5 Backwash Supply Valve & Actuator - \$30,000
- Bisulfite Pump and Control Station Replacement - \$30,000

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$597	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$100,897	\$190,344	\$250,000	\$250,000	\$270,000	\$270,000	\$200,000	\$200,000	\$200,000	\$1,140,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$2,095	\$4,907	\$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	\$102,992	\$195,848	\$250,000	\$250,000	\$270,000	\$270,000	\$200,000	\$200,000	\$200,000	\$1,140,000
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 "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:

- RAS Building RAS Pump VFD Replacements - \$50,000
- Indoor Site Lighting (Hdwks, E/I/M Shop, HHPS, Pilot Bldg) - \$30,000
- New FG IPS Pump #3 - \$110,000

Project Detail

Project Name: HILLSBORO ELECTRICAL SWITCHGEAR & MOTOR CONTROL CENTER

Project Number: 7219

Project Subtype: Hillsboro

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Leigh Kojiro

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$100,000	\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Design and Engineering	\$0	\$9,577	\$5,000	\$5,000	\$1,500	\$0	\$0	\$0	\$0	\$1,500
Equipment and Materials	\$0	\$0	\$195,000	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$886	\$7,735	\$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	\$886	\$17,312	\$300,000	\$255,000	\$51,500	\$0	\$0	\$0	\$0	\$51,500
Other Funding	\$0	\$50,000	\$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 electrical equipment in the Solids Building was installed as part of the original construction of the Hillsboro plant in '92 and are nearing the end of their useful life. This equipment includes electrical switchgear and motor control centers (MCCs). This electrical gear represent single points of failure for the equipment they power. New Gear will soon be on order, with delivery expected in FY25. Contractor to install in FY26

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$15,706	\$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	\$124,219	\$61,487	\$150,000	\$110,000	\$165,000	\$150,000	\$150,000	\$150,000	\$150,000	\$765,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$7,151	\$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	\$139,925	\$68,638	\$150,000	\$110,000	\$165,000	\$150,000	\$150,000	\$150,000	\$150,000	\$765,000
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 Replacement - \$100,000
- Indoor Site Lighting (Solids, Hdwks, Garage) - \$40,000
- Replace DO Transmitters (4 units) - \$25,000

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$100,000	\$50,000	\$50,000	\$75,000	\$75,000	\$0	\$0	\$200,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$200,000	\$125,000	\$200,000	\$250,000	\$300,000	\$0	\$0	\$750,000
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	\$300,000	\$175,000	\$250,000	\$325,000	\$375,000	\$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:

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

FY 26 will include Borland and Cipole pump stations. These control panel replacements are \$125k each for parts and labor to install.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$100,000	\$100,000	\$75,000	\$75,000	\$75,000	\$0	\$0	\$225,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$190,000	\$150,000	\$200,000	\$200,000	\$200,000	\$0	\$0	\$600,000
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	\$290,000	\$250,000	\$275,000	\$275,000	\$275,000	\$0	\$0	\$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:

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 (except Borland which already has new)

The generators that will be replaced within this fiscal year are 7319.002: Borland (\$44k equipment / \$25k construction); 7319.003: Saum Creek (\$46k/\$25k); 7319.004: Cipole (\$43k/\$25k); and 7319.005: Nyberg (\$43k/\$25k).

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$16,766	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$1,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$306,997	\$252,793	\$250,000	\$350,000	\$350,000	\$275,000	\$275,000	\$275,000	\$275,000	\$1,450,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$9,415	\$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	\$334,678	\$252,793	\$250,000	\$350,000	\$350,000	\$275,000	\$275,000	\$275,000	\$275,000	\$1,450,000
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 "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:

- Lighting Upgrades LowerT & River Rd - \$50,000
- Gaston PS VFD Replacement - \$40,000
- Replace Pump at Aloha 3 PS - \$250,000
- Cornelius PS - New Fuel Tank - \$12,000

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$250	\$71,455	\$50,000	\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$119,142	\$4,032	\$20,000	\$20,000	\$20,000	\$0	\$0	\$0	\$0	\$20,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$275	\$4,578	\$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	\$119,667	\$80,065	\$70,000	\$70,000	\$70,000	\$0	\$0	\$0	\$0	\$70,000
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. This budget is to rebuild the final horizontal conveyor.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$10,000	\$5,000	\$150,000	\$150,000	\$150,000	\$0	\$0	\$450,000
Design and Engineering	\$0	\$0	\$0	\$0	\$100,000	\$50,000	\$50,000	\$0	\$0	\$200,000
Equipment and Materials	\$58,311	\$61,946	\$50,000	\$60,000	\$260,000	\$200,000	\$200,000	\$0	\$0	\$660,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$122	\$230	\$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	\$58,433	\$62,176	\$60,000	\$65,000	\$510,000	\$400,000	\$400,000	\$0	\$0	\$1,310,000
Other Funding	\$0	\$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:

Butterfly valves, actuators, and gearboxes are original 1990, leak and are at end of life. Butterfly valve lower bearings are worn out along with valve seats are leaking.

Actuator parts are available aftermarket only, difficult to procure and very costly. Actuator seals failing, moisture getting into housing, and IT's have seen carbon build up inside actuators. This project to replaces each per filter: Influent 36", drain 12", backwash return 36" valves, expansion joint 36", actuator/gearbox, and connecting shafts.

FY26 - Budget to replace six 36-inch backwash butterfly valves and associated actuators with pre-purchased valves and actuators in filters 5 through 10. Purchase six 12 inch and six 36 inch butterfly valves for filters 5 through 10 and purchase six actuators for balance of filters.

FY 27 - Install actuators and valves purchased in FY26.

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: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Design and Engineering	\$0	\$0	\$0	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$800,000	\$0	\$0	\$0	\$0	\$800,000
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	\$1,200,000	\$0	\$0	\$0	\$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 Rock Creek Influent Pump Station variable frequency drives are obsolete and are in need of replacement. This project will replace the remaining three large VFD units (1, 6 and 7).

Project Detail

Project Name: ROCK CREEK PLC UPGRADE TO ALLEN-BRADLEY

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$30,000	\$30,000	\$150,000	\$150,000	\$150,000	\$150,000	\$0	\$600,000
Equipment and Materials	\$0	\$114,980	\$20,000	\$250,000	\$300,000	\$300,000	\$300,000	\$120,000	\$0	\$1,020,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$244	\$5,790	\$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	\$244	\$120,770	\$50,000	\$280,000	\$450,000	\$450,000	\$450,000	\$270,000	\$0	\$1,620,000
Other Funding	\$0	\$50,000	\$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 PLC4 is old and obsolete. It uses a Texas Instruments PLC whose parts are no longer available and uses outdated programming software. This unit's functions will need to be replaced with PLC20, an Allen-Bradley PLC which is the current PLC standard and compatible with existing platforms. PLC-4 operates the East Tertiary Process.

FY26: PLC-7, which operates the Digestion Process - \$450,000

FY27: PLC-3 which operates the East Blower Operations. - \$450,000

Additional PLCs for future FYs: PLC-6, PLC-1, PLC-2, PLC-9, PLC-5, PLC-5B, PLC-10, PLC-8, PLC-11

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$120,000	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Design and Engineering	\$0	\$15,475	\$0	\$50,000	\$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	\$1,176	\$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	\$16,651	\$120,000	\$50,000	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Other Funding	\$0	\$110,000	\$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 will make improvement to the existing air compressor for plant air. Existing system does not have redundant capacity and SCADA monitoring limitations. Design will be reviewed in FY25 and construction 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$102	\$7,712	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$375,909	\$455,758	\$600,000	\$600,000	\$435,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,435,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$47,235	\$70,148	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$9,025	\$1,038	\$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	\$432,271	\$534,656	\$600,000	\$600,000	\$435,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,435,000
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:

- West Disinfection Chemical Metering Pump Replacement - \$60,000
- RAS Pump Suction and Discharge Valves on Secondary clarifier 10 - \$50,000
- AB1 & AB2 RAS Flow Control Valve Actuators - \$14,000
- East Side ChemScan Replacement - \$75,000
- Replace DOB Meters on Claricones 1-4 - \$60,000
- East RAS Pump 7&8 Suction and Discharge Valves - \$30,000
- RC IPS Large Pump Rebuild & Impeller - \$100,000
- Bar Screen Channel Drain Valve Replacement - \$20,000
- Dewatering Odor Tower 1 & 2 Media Replacement - \$25,000

Project Detail

Project Name: SODIUM HYDROXIDE STORAGE TANK REPLACEMENT

Project Number: 7134

Project Subtype: Rock Creek

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Michael Glass

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$924	\$450,000	\$875,000	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Design and Engineering	\$0	\$78,054	\$0	\$275,000	\$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	\$869	\$44,553	\$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	\$869	\$123,531	\$450,000	\$1,150,000	\$75,000	\$0	\$0	\$0	\$0	\$75,000
Other Funding	\$0	\$115,000	\$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 will replace an existing re-purposed tank with a new XLPE tank. Project design is complete. The design scope has expanded several times to include a new containment zone dedicated to the containment of the sodium hydroxide (hypo), providing a temporary hypo system that allows for keeping the existing pump, transfer, and feed controls in place until the new system is fully commissioned, and coordinating the new installation with the replacement of the PLC in the chemical building. Project was bid and awarded to a contractor in June 2024. Onsite construction is scheduled to begin in January 2025 and continue through August 2025.

Project Detail

RC

Project Name: ROCK CREEK UPPER TERTIARY MAU REPLACEMENTS

Project Number:

Project Subtype: Facilities Management Projects

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Karen Bill

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Project Detail

Project Name: ROOFING REPLACEMENTS

Project Number: 7315

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$751,000	\$105,000	\$500,000	\$550,000	\$550,000	\$550,000	\$0	\$2,150,000
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	\$751,000	\$105,000	\$550,000	\$550,000	\$550,000	\$550,000	\$0	\$2,200,000
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 umbrella project covers roofing renewal and replacement projects at all District locations (except Central)

FY26

DM IPS building roof recoat \$100,000

RC Headworks building roof \$450,000

Project Detail

Project Name: ROCK CREEK BOILERS 4 & 5 BURNER REPLACEMENTS

Project Subtype: Rock Creek

Project Manager: Karen Bill

Department/Program: WRRD

Project Number:

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Status: Candidate

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$400,000	\$0	\$0	\$0	\$0	\$400,000
Design and Engineering	\$0	\$0	\$0	\$20,000	\$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	\$20,000	\$400,000	\$0	\$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 to rehab or replace the dual fuel burners on Digester Complex boilers 4 and 5. These burners currently use biogas as fuel to heat the Digesters and space heat for comfort. These burners are expected to be the primary source of heat for the next 3 years, 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 ration and improve the reliability of each boiler.

Project Detail

Project Name: ROCK CREEK DEWATERING SWITCHBOARD 8 BREAKER REHB

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$35,000	\$0	\$0	\$0	\$35,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$635,000	\$0	\$0	\$0	\$635,000
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	\$670,000	\$0	\$0	\$0	\$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:

Switchboard 8 Breakers are at end of useful life of 25 years (1995). Breakers have been found to stick and delay to open, causing significant equipment, process and safety issues. Refurbishment is possible and reliable and significantly quicker than a full replacement (replacement of the 3 larger breakers is not an option).

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: Vasily Chernishov

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$4,000,000
Design and Engineering	\$39,550	\$163,604	\$50,000	\$85,000	\$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	\$37,882	\$46,929	\$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	\$77,432	\$210,533	\$50,000	\$85,000	\$2,100,000	\$2,050,000	\$0	\$0	\$0	\$4,150,000
Other Funding	\$0	\$225,000	\$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 Rock Creek WRRF solids treatment process improvement project. Previous condition assessment showed the existing coated-steel covers on Digesters 3 and 4 need refurbishment to address corrosion and cover 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 suggest replacement of the covers of 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 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$172,675	\$1,030,000	\$0	\$1,000,000	\$1,500,000	\$0	\$0	\$0	\$2,500,000
Design and Engineering	\$86,807	\$81,308	\$55,000	\$75,000	\$100,000	\$150,000	\$0	\$0	\$0	\$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	\$36,127	\$36,848	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$364	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$4,600	\$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	\$122,934	\$295,795	\$1,085,000	\$75,000	\$1,100,000	\$1,650,000	\$0	\$0	\$0	\$2,750,000
Other Funding	\$0	\$350,000	\$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 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 PRIMARY CLARIFIERS DRIVE IMPROVEMENTS

Project Number: 7297

Project Subtype: Rock Creek

Fund: 106 - Capital Replacement & Renewal – Sanitary

Project Manager: Karen Bill

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$450,000	\$100,000	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Design and Engineering	\$0	\$25,059	\$0	\$30,000	\$20,000	\$0	\$0	\$0	\$0	\$20,000
Equipment and Materials	\$0	\$149,540	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$6,677	\$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	\$181,276	\$450,000	\$230,000	\$170,000	\$0	\$0	\$0	\$0	\$170,000
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 need of improvement of the mechanism drives and steel cage members. 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 is currently under construction. Removal of the drives will require support of the clarifier covers as the support beam currently spans the drive housing. Extensive corrosion damage was found during the inspection of the drive connection locations to the mechanism cage. These coated steel members will require replacement and recoating. Concrete improvements and coating is also required.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$500,000	\$0	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Design and Engineering	\$0	\$655	\$0	\$20,000	\$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	\$0	\$595	\$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	\$1,250	\$500,000	\$20,000	\$530,000	\$0	\$0	\$0	\$0	\$530,000
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 project study area includes two additional lots without service on NW 95th Avenue that were not included in the LID petition submitted by the property owners. Final scope of the project will be determined after completion of the alternatives analysis and engagement with the two owners on NW 95th Avenue. The project is located in the Cedar Mill Neighborhood of unincorporated Washington County.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$360,000	\$0	\$0	\$0	\$0	\$360,000
Design and Engineering	\$0	\$20,485	\$0	\$50,000	\$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	\$1,992	\$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	\$22,477	\$0	\$50,000	\$370,000	\$0	\$0	\$0	\$0	\$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 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 SW73rd Avenue and SW Ridgewood Avenue in the Raleigh Hills Neighborhood of unincorporated Washington County.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$1,000,000	\$1,580,000	\$2,625,000	\$35,000	\$0	\$0	\$0	\$2,660,000
Design and Engineering	\$0	\$0	\$75,000	\$200,000	\$25,000	\$25,000	\$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	\$419	\$2,809	\$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	\$419	\$2,809	\$1,075,000	\$1,780,000	\$2,650,000	\$60,000	\$0	\$0	\$0	\$2,710,000
Other Funding	\$0	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Ongoing replacement of Hillsboro's 1911 and 1936 District sanitary sewer main lines and laterals *rn 01/24/2025

Project Detail

Project Name: BENDEMEER TRUNK SEWER UPGRADE

Project Number: 7104

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$3,500,000	\$2,700,000	\$25,000	\$0	\$0	\$0	\$0	\$25,000
Design and Engineering	\$80,832	\$334,701	\$50,000	\$180,000	\$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	\$2,022	\$6,253	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$100,153	\$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	\$82,854	\$441,107	\$3,550,000	\$2,880,000	\$25,000	\$0	\$0	\$0	\$0	\$25,000
Other Funding	\$0	\$650,000	\$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 will upsize 1600 feet of 18" diameter sanitary sewer pipe to 24" and 1440 feet of 12" diameter sanitary sewer pipe to 15". The project parallels a creek which may create permitting issues.

Location: Near Sunset Hwy. and Century Blvd. in Hillsboro. *rn 1/24/2025

Project Detail

Project Name: BONITA TRUNK

Project Subtype: City-Managed Projects

Project Manager: Sheila Sahu

Department/Program: Regional Utility Services

Project Number:

Fund: 112 - Sanitary Sewer Construction Fund

Project Status: Candidate

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,140,000	\$0	\$2,140,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$590,000	\$0	\$590,000
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	\$2,730,000	\$0	\$2,730,000
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:

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,000	\$0	\$350,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$290,000	\$40,000	\$0	\$330,000
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	\$10,000	\$0	\$0	\$0	\$10,000
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	\$10,000	\$290,000	\$390,000	\$0	\$690,000
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 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$35,000	\$30,000	\$0	\$0	\$0	\$65,000
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	\$35,000	\$30,000	\$0	\$0	\$0	\$65,000
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 has been completed. We are waiting to close for repairs needed to manhole defects. *rn 1/27/2025

Project Detail

Project Name: NORTH MARTINAZZI TRUNK: SEMINOLE TR TO SAGERT ST (PRIORITY Project Number: 7170
 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$1,000,000	\$0	\$700,000	\$0	\$0	\$0	\$0	\$700,000
Design and Engineering	\$0	\$131,846	\$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	\$89	\$3,961	\$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	\$33,400	\$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	\$89	\$169,207	\$1,000,000	\$0	\$700,000	\$0	\$0	\$0	\$0	\$700,000
Other Funding	\$0	\$700,000	\$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 Martinazzi Trunk: Seminole Tr to Sagert St (Priority 2) project is the second of three phases of project SS-6: North Martinazzi Trunk in the 2019 Tualatin Sanitary Sewer Master Plan (p. 65). Its purpose is to improve flow capacity associated with the future development of the eastern portion of the Basalt Creek Planning Area in the city's south.*rn 1/27/2025

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$915,000	\$2,366,800	\$0	\$0	\$0	\$3,281,800
Design and Engineering	\$0	\$0	\$200,000	\$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	\$2,707	\$800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$7,500	\$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	\$2,707	\$800	\$207,500	\$0	\$915,000	\$2,366,800	\$0	\$0	\$0	\$3,281,800
Other Funding	\$0	\$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 project aims to support development upstream of the improvements and coordinate with the completed CWS Onion Flats Trunk Line Project and Rock Creek Phase 1, which upgraded downstream pipes under Tualatin-Sherwood Road in 2015-16. Phase 2 will extend the 24-inch sanitary sewer line from the Phase 1 endpoint to a manhole serving the Tonquin Employment Area, with a reduction in line size continuing south toward the Oregon St/Murdock St roundabout. The project will upgrade 1,436 linear feet of the Rock Creek Trunk Line from 15-inch to 18-inch or potentially 21-inch diameter, connecting key manholes and supporting future capacity needs. *rn 01/24/2025

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$1,750,000	\$1,750,000	\$0	\$3,500,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$300,000	\$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	\$0	\$300,000	\$1,750,000	\$1,750,000	\$0	\$3,800,000
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:

Project Detail

Project Name: SOUTH MARTINAZZI TRUNK: IROQUOIS DR TO CHELAN ST (PRIORITY 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$750,000	\$1,000,000	\$0	\$1,750,000
Design and Engineering	\$0	\$0	\$0	\$0	\$137,000	\$137,000	\$0	\$0	\$0	\$274,000
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	\$64	\$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	\$64	\$0	\$0	\$137,000	\$137,000	\$750,000	\$1,000,000	\$0	\$2,024,000
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 two segments from the 2019 Tualatin Sanitary Sewer Master Plan: North Martinazzi Trunk (SS-6) and South Martinazzi Trunk (SS-11), with additional portions planned as needed for future capacity. The Martinazzi SS Upsizing (Priority 4): South Trunk - Iroquois Dr to Chelan St is the final phase of SS-11, aimed at improving flow capacity to support future development in the eastern Basalt Creek Planning Area. Other planned segments, including portions of the North Martinazzi and South Martinazzi Trunks, will be prioritized and completed as future demand arises.*rn 1/27/2025

Project Detail

Project Name: SOUTH MARTINAZZI TRUNK: SAUM CRK TR TO BLAKE ST; MAKAH CT Project Number: 7173
 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$1,074,000	\$1,368,000	\$0	\$0	\$0	\$2,442,000
Design and Engineering	\$0	\$0	\$74,000	\$108,000	\$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	\$64	\$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	\$64	\$74,000	\$108,000	\$1,074,000	\$1,368,000	\$0	\$0	\$0	\$2,442,000
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 two segments from the 2019 Tualatin Sanitary Sewer Master Plan: North Martinazzi Trunk (SS-6) and South Martinazzi Trunk (SS-11), with additional portions planned as needed for future capacity. The Martinazzi SS Upsizing (Priority 4): South Trunk - Iroquois Dr to Chelan St is the final phase of SS-11, aimed at improving flow capacity to support future development in the eastern Basalt Creek Planning Area. Other planned segments, including portions of the North Martinazzi and South Martinazzi Trunks, will be prioritized and completed as future demand arises.*rn 1/27/2025

Project Detail

Project Name: SW 103RD 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$700,000	\$700,000	\$0	\$0	\$1,400,000
Design and Engineering	\$0	\$0	\$100,000	\$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	\$64	\$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	\$64	\$100,000	\$0	\$100,000	\$700,000	\$700,000	\$0	\$0	\$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 103rd Avenue Sewer will need to undergo up to three phases of improvements to handle the flows associated with the City infill and the development of Western Basalt Creek. This particular section, from SW Grahams Rd to SW Ibach St, is the most critical due to capacity limitations and potential overflow locations. This phase of the 103rd Avenue Sewer project needs to be completed before any significant development occurs in the western portions of the Basalt Creek Planning Area *rn1/27/2025

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$250,000	\$3,000,000	\$5,000	\$0	\$0	\$3,255,000
Design and Engineering	\$0	\$0	\$25,000	\$0	\$150,000	\$30,000	\$2,500	\$0	\$0	\$182,500
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	\$488	\$1,297	\$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	\$113,524	\$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	\$488	\$114,821	\$25,000	\$0	\$400,000	\$3,030,000	\$7,500	\$0	\$0	\$3,437,500
Other Funding	\$0	\$150,000	\$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 request of CWS, the City of Beaverton intends to undertake the SW 131st, Barlow to Hanson, Sanitary Sewer Inflow and Infiltration Reduction Project (Project) to reduce the inflow and infiltration entering the sanitary sewer system. No more invoices in FY25. We didn't find many issues in the vapor testing and lateral CCTV to justify design & construction work, so we'll lump it into the next subbasin(s). In FY26 I'm proposing to do vapor testing and lateral CCTV on the next subbasin. *rn 1/27/2025

Project Detail

Project Name: TUALATIN-SHERWOOD RD (TSR) TETON SS 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000	\$0	\$0	\$200,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$1,140,000	\$760,000	\$0	\$1,900,000
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	\$1,340,000	\$760,000	\$0	\$2,100,000
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:

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$50,000
Design and Engineering	\$0	\$0	\$10,000	\$0	\$10,000	\$10,000	\$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	\$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	\$10,000	\$0	\$10,000	\$0	\$0	\$0	\$0	\$10,000
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	\$70,000	\$0	\$70,000	\$60,000	\$0	\$0	\$0	\$130,000
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 assess easement to support operation and maintenance.

Project Detail

Project Name: FLOW MONITORING EQUIPMENT ADDITIONS

Project Number:

Project Subtype: Field Operations

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Doug Schuh

Project Status: Candidate

Department/Program: UOPS - Field Ops

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$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	\$0	\$0	\$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.

For FY26, the following expenditures are planned:

\$80,000 for new meters to create an in house stock of ready spares

\$20,000 for a rain guage sensor technology pilot project to compare different technology

Project Detail

Project Name: MAINTENANCE ACCESS 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$50,000	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$0	\$200,000
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	\$50,000	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$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:

This project's purpose is to fund research and acquisition of easements to facilitate on going maintenance of existing assets.

Project Detail

Project Name: MATERIAL YARD DEWATERING EQUIPMENT IMPROVEMENTS

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$90,000	\$0	\$0	\$0	\$0	\$90,000
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	\$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 project includes improvements to the storm vector debris dewater process at the Material Yard, including the following elements:

Decant vault purchase and install. \$65,000

Final stage dewatering engineering and plans \$25,000

Power wash station engineering and plans. \$25,000

NWN Gas service extension to MHY building. \$25,000

Project Detail

Project Name: RADIO COMMUNICATION UPGRADES AND MODERNIZATION

Project Number:

Project Subtype: Field Operations

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Doug Schuh

Project Status: Candidate

Department/Program: UOPS - Field Ops

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000
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:

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

Improvements planned for FY26 include implementing VHF communication system enhancements and purchasing 800mhz equipment scheduled for replacement.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$1,000,000	\$1,000,000	\$3,000,000	\$0	\$5,000,000
Design and Engineering	\$0	\$0	\$200,000	\$0	\$250,000	\$100,000	\$600,000	\$0	\$0	\$950,000
Equipment and Materials	\$0	\$8,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$283	\$29,581	\$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	\$69,348	\$200,000	\$410,000	\$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	\$283	\$106,929	\$400,000	\$410,000	\$250,000	\$1,100,000	\$1,600,000	\$3,000,000	\$0	\$5,950,000
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 initial phase of this project was an evaluation to determine the most appropriate methods to relieve the Aloha Pump Station from its current capacity concerns. The evaluation will analyze for potential pump station upgrades, forcemain re-routing, high flow diversions, and I/I abatement.

The upcoming fiscal year will begin design on the selected alternatives on how to relieve the pump station's capacity concerns.

Project Detail

Project Name: BORLAND PUMP STATION SITE IMPROVEMENTS

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$0	\$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 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: 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: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$275,000	\$500,000	\$5,500,000	\$5,500,000	\$5,500,000	\$17,275,000
Design and Engineering	\$0	\$0	\$150,000	\$250,000	\$500,000	\$500,000	\$100,000	\$100,000	\$100,000	\$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	\$20,000	\$25,000	\$0	\$0	\$0	\$0	\$25,000
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	\$150,000	\$270,000	\$800,000	\$1,000,000	\$5,600,000	\$5,600,000	\$5,600,000	\$18,600,000
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 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 anticipated to include three new pumps, each sized at 5.0 MGD. A new 14,000-foot-long, 20-inch diameter force main will be built to extend to the Rock Creek Advanced Wastewater Treatment Facility.

A portion of the forcemain will be constructed within FY26. The reason for this construction is to perform the construction prior to residents occupying nearby homes.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$425,000	\$0	\$0	\$0	\$0	\$425,000
Design and Engineering	\$0	\$0	\$0	\$175,000	\$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	\$0	\$175,000	\$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 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.

Project Detail

Project Name: CHICKEN CREEK PUMP STATION & FORCEMAIN

Project Number: 7229

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Jeff Hart

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$2,674,066	\$0	\$0	\$0	\$6,000,000	\$6,000,000	\$0	\$0	\$12,000,000
Design and Engineering	\$0	\$0	\$300,000	\$150,000	\$300,000	\$700,000	\$150,000	\$0	\$0	\$1,150,000
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	\$9,453	\$71,757	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$200,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$5,697	\$2,086	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$29,669	\$158,921	\$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	\$44,819	\$2,906,830	\$500,000	\$450,000	\$300,000	\$6,700,000	\$6,150,000	\$0	\$0	\$13,150,000
Other Funding	\$0	\$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:

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 force main was installed in conjunction with a County Project and Willamette Water Supply Project.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$845	\$0	\$0	\$600,000	\$4,400,000	\$0	\$0	\$0	\$5,000,000
Design and Engineering	\$0	\$0	\$250,000	\$550,000	\$500,000	\$100,000	\$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	\$4,886	\$51,392	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$225,000	\$50,000	\$400,000	\$0	\$0	\$0	\$0	\$400,000
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$16,321	\$55,391	\$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	\$21,207	\$107,628	\$475,000	\$600,000	\$1,500,000	\$4,500,000	\$0	\$0	\$0	\$6,000,000
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 future Cooper Mountain Pump Station will be located on Tile Flat Road on the boundary of Beaverton's South Cooper Mountain. The pump station is residential development driven.

The pump station will be likely sized for 1.6 MGD for Phase 1 with a 14-inch force main that is approximately 3000-feet in length. The pump station will be upgraded later to meet the 3.1 MGD Phase 2 buildout flows.

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

Portions of the forcemain will likely be constructed by others through Agreements

Project Detail

Project Name: CORNELIUS PUMP STATION IMPROVEMENTS PHASE 2

Project Subtype: Pump Stations (Treatment)

Project Manager: Ramon Sera

Department/Program: WRRD

Project Number:

Fund: 112 - Sanitary Sewer Construction Fund

Project Status: Open

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$75,000	\$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	\$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	\$75,000	\$0	\$0	\$0	\$75,000
Other Funding	\$0	\$50,000	\$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.

Project Detail

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

Project Subtype: Pump Stations (Treatment)

Project Manager: Jeff Hart

Department/Program: WRRD

Project Number:

Fund: 112 - Sanitary Sewer Construction Fund

Project Status: Open

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000	\$7,000,000	\$6,000,000	\$14,000,000
Design and Engineering	\$0	\$0	\$150,000	\$0	\$100,000	\$500,000	\$400,000	\$150,000	\$100,000	\$1,250,000
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	\$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	\$0	\$100,000	\$500,000	\$1,400,000	\$7,150,000	\$6,100,000	\$15,250,000
Other Funding	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This 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. Details on the pump station and forcemain are to be determined.

Project Detail

Project Name: DAWSON CREEK PUMP STATION SWITCH GEAR UPGRADE

Project Number:

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Leigh Kojiro

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$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	\$160,000	\$0	\$0	\$0	\$0	\$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 is for updating the existing switchgear controllers at the Dawson Creek Pump Station. Existing units run on Windows 10 OS which will no longer be supported by the end of October 2025. After Oct 2025, these will not be repairable and run a slight risk of cyber attacks. The existing controllers were designed to operate with PGE's DSG program. We are no longer in the DSG program and the controllers do not need to be as sophisticated. This change to the controllers will use much of the existing components but needs to bypass the existing infrastructure no longer needed (and avoids having to use the soon to be obsolete controllers). The equipment vendor is able to make the necessary changes we are looking for.

PGE could possibly pay for switch gear upgrade.

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: Jeff Hart

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000,000	\$20,000,000	\$20,000,000	\$45,000,000
Design and Engineering	\$0	\$0	\$300,000	\$300,000	\$250,000	\$850,000	\$100,000	\$100,000	\$100,000	\$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	\$5,024	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$300,000	\$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	\$0	\$5,024	\$300,000	\$300,000	\$250,000	\$1,150,000	\$5,100,000	\$20,100,000	\$20,100,000	\$46,700,000
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 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 #7178.

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

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: Ramon Sera

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,000,000	\$4,000,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000	\$50,000	\$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	\$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	\$0	\$0	\$0	\$0	\$400,000	\$4,050,000	\$4,450,000
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 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 a maximum of 1,330 gpm. At that flowrate, pumps, pump drives, the generator, electrical service, piping, and valving all need to increase in size.

This project also includes a forcemain replacement. 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.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$500,000	\$2,500,000	\$500,000	\$0	\$3,500,000
Design and Engineering	\$0	\$0	\$300,000	\$100,000	\$100,000	\$800,000	\$100,000	\$50,000	\$0	\$1,050,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$400,000	\$0	\$0	\$0	\$400,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$4,350	\$46,243	\$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	\$12,268	\$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	\$4,350	\$58,511	\$300,000	\$100,000	\$100,000	\$1,700,000	\$2,600,000	\$550,000	\$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:

After performing 60% design on the Waible Creek Trunk, the decision was made to build the Jacobsen (Helvetia) Pump Station rather than the Waible Creek Gravity Sewer Trunk.

The pump station 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. An 8-inch forcemain that is approximately 3700-feet long is also a part of the project. The forcemain travels east down Jacobson Road to a discharge manhole. The Country Haven Pump Station will be decommissioned upon the construction of this new pump station. The gravity pipe connecting the Jacobson Pump Station to Country Haven will be included as part of this project. A gravity creek crossing will occur as well.

The pump station site has been selected and is owned by Oregon Department of Transportation.

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: Jeff Hart

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$900,000	\$900,000	\$1,800,000
Design and Engineering	\$0	\$0	\$150,000	\$25,000	\$0	\$0	\$25,000	\$175,000	\$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	\$412	\$2,471	\$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	\$34,478	\$25,214	\$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	\$34,890	\$27,685	\$150,000	\$25,000	\$0	\$0	\$25,000	\$1,075,000	\$1,000,000	\$2,100,000
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 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 will 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: NORTH PLAINS PUMP STATION SWITCH GEAR UPGRADE

Project Number:

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$60,000	\$0	\$0	\$0	\$0	\$60,000
Design and Engineering	\$0	\$0	\$10,000	\$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	\$10,000	\$0	\$160,000	\$0	\$0	\$0	\$0	\$160,000
Other Funding	\$0	\$50,000	\$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 is for updating the existing switchgear controllers at the North Plains Pump Station. Existing units run on Windows 10 OS which will no longer be supported by the end of October 2025. After October 2025, these will not be repairable and run a slight risk of cyber attacks. The existing controllers were designed to operate with PGE's DSG program. We are no longer in the DSG program and the controllers do not need to be as sophisticated. This change to the controllers will use much of the existing components but needs to bypass the existing infrastructure no longer needed (and avoids having to use the soon to be obsolete controllers). The equipment vendor is able to make the necessary changes we are looking for.

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: Ramon Sera

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$50,000	\$50,000	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Design and Engineering	\$0	\$0	\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$300,000	\$450,000	\$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	\$350,000	\$510,000	\$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:

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.

Project Detail

Project Name: ORCHARD HILLS PUMP STATION 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$300,000	\$0	\$350,000
Design and Engineering	\$0	\$0	\$25,000	\$0	\$0	\$0	\$100,000	\$50,000	\$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	\$25,000	\$0	\$0	\$0	\$150,000	\$350,000	\$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 includes the following work: The Generator and ATS have components that are now obsolete and therefore cannot be replaced. Therefore, the project will include a new Generator and ATS.

The Control Panel does not meet current District Standards. The Control Panel will be upgraded to current District Standard and will include an aesthetic component to better match the park setting.

Site Improvements and Landscaping is also part of this project.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$160,000	\$100,000	\$116,000	\$0	\$0	\$0	\$216,000
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	\$160,000	\$100,000	\$116,000	\$0	\$0	\$0	\$216,000
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.

-----FY25 - \$160k

Oak Village - \$77,000

Banks - \$39,000

Dawson FM - \$44,000

-----FY26 - \$100k-----

Orchard Hills \$12,000

Lower Tualatin \$12,000

River Terrace North \$30,000

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$540	\$550,000	\$0	\$2,000,000	\$2,300,000	\$0	\$0	\$0	\$4,300,000
Design and Engineering	\$84,033	\$232,722	\$300,000	\$500,000	\$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	\$28,689	\$23,363	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$107	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$43,439	\$6,794	\$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	\$156,268	\$263,419	\$850,000	\$650,000	\$2,100,000	\$2,350,000	\$0	\$0	\$0	\$4,450,000
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 Project is for a new pump station located within Banks. The pump station initial firm capacity is anticipated to be 1.0 MGD. Build-out firm capacity could be up to 3.3 MGD. The initial forcemain is anticipated to be 8-inches in diameter and be approximately 3100-ft long.

The fate of this sewage is to be pumped to the Oak Village Pump Station. From there, the sewage is pumped again to the Hillsboro WWTF.

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

Project Detail

Project Name: RIPL GRAVITY LINE

Project Number: 7268

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$100,000	\$1,100,000	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Design and Engineering	\$0	\$74,263	\$150,000	\$150,000	\$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	\$25,717	\$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	\$99,980	\$250,000	\$1,250,000	\$260,000	\$0	\$0	\$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:

This project is to design and construct a new gravity pipe in Forest Grove. Flows into the pipe will primarily come from the District's RIPL Building and two industrial customers. The pipe will discharge into the Forest Grove High Head Pump Station gravity system, which will send flows to the Rock Creek WRRF for treatment after being pumped.

Project Detail

Project Name: RIVER TERRACE NORTH FORCEMAIN EXTENSION

Project Number:

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Jeff Hart

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$300,000	\$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	\$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	\$100,000	\$300,000	\$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 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 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$175,000	\$0	\$0	\$0	\$175,000
Design and Engineering	\$0	\$0	\$10,000	\$0	\$25,000	\$40,000	\$0	\$0	\$0	\$65,000
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	\$10,000	\$0	\$25,000	\$215,000	\$0	\$0	\$0	\$240,000
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 improvements will include better security (including lighting), a vector truck fill station, a pump hose down area, combination emergency shower and eyewash, electrical water heater tank and plumbing appurtenances for tepid water required for emergency shower & eyewash, HVAC, extend the chemical tank fill port, and a restroom.

Partial Developer contribution.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$4,917	\$500,000	\$0	\$150,000	\$2,900,000	\$2,900,000	\$0	\$0	\$5,950,000
Design and Engineering	\$0	\$518,215	\$500,000	\$500,000	\$400,000	\$150,000	\$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	\$51,834	\$63,305	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$29	\$2,030	\$0	\$0	\$0	\$1,237,500	\$1,237,500	\$0	\$0	\$2,475,000
Plans and Studies	\$64,073	\$28,630	\$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	\$115,936	\$617,097	\$1,000,000	\$1,000,000	\$550,000	\$4,287,500	\$4,187,500	\$0	\$0	\$9,025,000
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:

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-LF in length) that will take the Cross Creek Pump Station offline, and a 12-inch forcemain that is 4000-LF in length.

A portion of the gravity trunk and all of the forcemain will be constructed by a developer through a Developer's Agreement.

Project Detail

Project Name: SW TUALATIN PUMP STATION & FORCEMAIN

Project Number:

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Jeff Hart

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$0	\$100,000	\$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	\$0	\$0	\$0	\$0	\$100,000	\$200,000	\$600,000	\$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:

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: TONQUIN PUMP STATION AND FORCEMAIN

Project Number: 7292

Project Subtype: Pump Stations (Treatment)

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Jeff Hart

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$100,000	\$3,900,000	\$0	\$0	\$0	\$4,000,000
Design and Engineering	\$0	\$0	\$100,000	\$250,000	\$400,000	\$50,000	\$0	\$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	\$1,777	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$300	\$100,000	\$160,000	\$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	\$0	\$2,077	\$200,000	\$410,000	\$500,000	\$3,950,000	\$0	\$0	\$0	\$4,450,000
Other Funding	\$0	\$200,000	\$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-LF forcemain. A portion of the influent gravity sewer will also be constructed as part of the project.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$1,600,000	\$0	\$0	\$1,600,000
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	\$4,751	\$3,823	\$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	\$4,751	\$3,823	\$0	\$0	\$0	\$0	\$1,600,000	\$0	\$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:

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$60,449	(\$77,611)	\$300,000	\$200,000	\$1,600,000	\$0	\$0	\$0	\$0	\$1,600,000
Design and Engineering	\$0	\$0	\$0	\$60,000	\$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	\$11,831	\$21,970	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$60,000	\$60,000	\$70,000	\$0	\$0	\$0	\$0	\$70,000
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	\$72,280	(\$55,641)	\$360,000	\$320,000	\$1,680,000	\$0	\$0	\$0	\$0	\$1,680,000
Other Funding	\$0	\$150,000	\$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 PACP defect ratings related to structural, root, and 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.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$1,100,000	\$1,000,000	\$0	\$0	\$2,100,000
Design and Engineering	\$0	\$0	\$0	\$20,000	\$250,000	\$0	\$0	\$0	\$0	\$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	\$50,000	\$0	\$0	\$0	\$0	\$50,000
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	\$20,000	\$300,000	\$1,100,000	\$1,000,000	\$0	\$0	\$2,400,000
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 will include a feasibility study and alternatives analysis to address three 10-inch sewer mains, one 8-inch sewer main, and two sanitary manholes that are exposed within the Canyon Creek corridor in Unincorporated Washington County

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$3,140,000	\$5,500,000	\$5,500,000	\$14,140,000
Design and Engineering	\$0	\$125,217	\$100,000	\$500,000	\$500,000	\$750,000	\$100,000	\$0	\$0	\$1,350,000
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	\$49,821	\$103,318	\$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	\$49,821	\$228,535	\$100,000	\$500,000	\$500,000	\$750,000	\$3,240,000	\$5,500,000	\$5,500,000	\$15,490,000
Other Funding	\$0	\$1,000,000	\$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 I/I removal targets for the Durham Basin for the small diameter sanitary system. This project will 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 FY24 and pre-design will begin in FY25 with constructing beginning in FY28 and continuing until FY33.

Project Detail

Project Name: FOREST GROVE REHABILITATION PHASE 3 - PACIFIC AVENUE & BIRCH 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$1,500,000	\$500,000	\$0	\$0	\$0	\$2,000,000
Design and Engineering	\$0	\$0	\$50,000	\$20,000	\$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	\$4,226	\$1,572	\$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	\$4,226	\$1,572	\$50,000	\$20,000	\$1,550,000	\$500,000	\$0	\$0	\$0	\$2,050,000
Other Funding	\$0	\$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:

This project includes the rehabilitation of a portion of the MH 20399 basin previously designated for rehabilitation. The project will include approximately 4,000 LF of pipe and the associated manholes and service laterals. Most of the rehabilitated pipe is 8" clay or concrete pipe and will be rehabilitated through pipe bursting.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$1,000,000	\$2,000,000	\$0	\$0	\$3,000,000
Design and Engineering	\$0	\$0	\$200,000	\$20,000	\$180,000	\$0	\$0	\$0	\$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	\$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	\$200,000	\$20,000	\$230,000	\$1,000,000	\$2,000,000	\$0	\$0	\$3,230,000
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:

The Montclair Neighborhood is currently being served by a 6-Inch and 8-inch diameter sanitary sewer system, totaling approximately 17,000 LF in length. The sanitary sewer system is in poor condition and CCTV inspections have shown high defect PACP ratings related to structural, root, and 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. This project is currently on hold.

Project Detail

Project Name: WEST BASIN I/I
 Project Subtype: Rehabilitation
 Project Manager: Doug Gresham

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

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,500,000	\$5,500,000	\$11,000,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000	\$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	\$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	\$6,000,000	\$6,000,000	\$12,000,000
Other Funding	\$0	\$50,000	\$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 the Rock Creek Basiin It is expected that 40 miles of mainline and associated lateral will need to be rehabilitated in an ongoing program through 2055.

Project Detail

Project Name: RYAN STREET SWALE EXPOSED SEWER

Project Number: 6994

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Design and Engineering	\$0	\$0	\$35,000	\$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	\$0	\$1,856	\$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	\$1,856	\$35,000	\$10,000	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Other Funding	\$0	\$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:

The project is located adjacent to a tributary to Cedar Mill Creek in the northeast Washington County. It includes repair of a water quality swale berm, replacement of the outlet structure, slope reinforcement, and extending the storm sewer approximately 35 feet. Field Operations stabilized the Sani manhole in FY21.

Project Detail

Project Name: BEAVERTON TRUNK SANITARY UPGRADE

Project Subtype: Sanitary Collection System

Project Manager: Doug Gresham

Department/Program: UOPS - Conveyance Engr

Project Number:

Fund: 112 - Sanitary Sewer Construction Fund

Project Status: Candidate

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000,000	\$10,000,000	\$13,000,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$500,000	\$1,000,000	\$500,000	\$200,000	\$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	\$0	\$500,000	\$500,000	\$0	\$1,000,000
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$300,000	\$5,000	\$500,000	\$500,000	\$0	\$0	\$0	\$1,000,000
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	\$300,000	\$5,000	\$500,000	\$1,000,000	\$1,500,000	\$4,000,000	\$10,200,000	\$17,200,000
Other Funding	\$0	\$200,000	\$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 SW170th 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.

or d

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$95,000	\$800,000	\$0	\$0	\$0	\$0	\$800,000
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	\$95,000	\$1,000,000	\$0	\$0	\$0	\$0	\$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 project will include 1) sanitary sewer relocation via a trenchless crossing installation under Beaverton Creek to relocate a 27-inch sanitary sewer out from the footprint of the proposed replacement bridge and 2) sanitary sewer improvement via open trench installation for an 84-inch dry gravity sewer that will be capped for future improvement.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$74,791	\$4,500,000	\$1,500,000	\$7,500,000	\$1,000,000	\$0	\$0	\$0	\$8,500,000
Design and Engineering	\$297,873	\$618,019	\$60,000	\$250,000	\$50,000	\$20,000	\$0	\$0	\$0	\$70,000
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	\$120,993	\$165,563	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$750,000	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Other	\$36,225	\$4,697	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$19,367	\$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	\$455,091	\$882,437	\$4,560,000	\$2,500,000	\$7,600,000	\$1,020,000	\$0	\$0	\$0	\$8,620,000
Other Funding	\$0	\$1,000,000	\$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 will extend a sanitary trunk sewer approximately 9,800 linear feet 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 is underway. The project is moving into the construction phase. This project will be collaboratively managed with the City of Sherwood. Construction is anticipated to begin in late FY 25 continuing through FY 26 and FY 27

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$4,552	\$0	\$0	\$0	\$270,000	\$0	\$0	\$0	\$0	\$270,000
Design and Engineering	\$778	\$0	\$0	\$1,000	\$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	\$9,206	\$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	\$648	\$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	\$15,184	\$0	\$0	\$1,000	\$290,000	\$0	\$0	\$0	\$0	\$290,000
Other Funding	\$0	\$200,000	\$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 feet of the Cedar Mill Trunk from 36-inches to 48-inches along with 375 feet of 8-inch gravity sewer and 9 manholes 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 manhole 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 IGA to install the sewer within Walker Road as a part of the roadway project.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$540	\$750,000	\$0	\$750,000	\$0	\$0	\$0	\$0	\$750,000
Design and Engineering	\$0	\$0	\$0	\$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	\$9,489	\$3,960	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$1,792	\$2,808	\$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	\$11,281	\$7,308	\$800,000	\$40,000	\$750,000	\$0	\$0	\$0	\$0	\$750,000
Other Funding	\$0	\$750,000	\$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 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 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 2025.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$4,000,000	\$6,000,000	\$2,000,000	\$0	\$12,000,000
Design and Engineering	\$0	\$0	\$500,000	\$500,000	\$1,300,000	\$500,000	\$0	\$0	\$0	\$1,800,000
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	\$147,849	\$91,149	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$600,000	\$200,000	\$0	\$0	\$0	\$800,000
Other	\$124	\$3,236	\$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	\$147,973	\$94,385	\$500,000	\$500,000	\$1,900,000	\$4,700,000	\$6,000,000	\$2,000,000	\$0	\$14,600,000
Other Funding	\$0	\$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:

The existing Metzger trunk is a 30-inch and 27-inch trunk sewer extending for 6,600 linear feet 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 it's 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: SHERWOOD TRUNK IMPROVEMENTS-ROY ROGERS RD TO

Project Number:

Project Subtype: Sanitary Collection System

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Wade Denny

Project Status: Open

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,100	\$5,300,000	\$0	\$7,300,100
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$1,000,000	\$200,000	\$0	\$0	\$1,200,000
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	\$333,000	\$0	\$0	\$0	\$0	\$333,000
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	\$333,000	\$1,000,000	\$2,200,100	\$5,300,000	\$0	\$8,833,100
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 involves the upsizing of approx. 8,200 linear feet 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 PHASE 2 (MIDDLE SECTION)

Project Number:

Project Subtype: Sanitary Collection System

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Wade Denny

Project Status: Candidate

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000	\$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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,000	\$350,000
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$15,000	\$600,000	\$300,000	\$915,000
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	\$15,000	\$600,000	\$2,150,000	\$2,765,000
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 6900 LF of 18 sewer to 24 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 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: TURNER CREEK TRUNK PHASE1 (LOWER SECTION)

Project Number:

Project Subtype: Sanitary Collection System

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Wade Denny

Project Status: Candidate

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$1,000,000	\$500,000	\$250,000	\$1,750,000
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	\$250,000	\$250,000	\$0	\$500,000
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$10,000	\$500,000	\$250,000	\$0	\$0	\$760,000
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	\$10,000	\$500,000	\$1,500,000	\$750,000	\$5,250,000	\$8,010,000
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 5400 LF of 24 and 30-inch sewer to 36-inches.

This integrated project will be constructed along Rock Cree 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 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$2,500,000	\$0	\$0	\$2,250,000	\$0	\$0	\$0	\$2,250,000
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	\$325,000	\$2,250,000	\$0	\$0	\$0	\$0	\$2,250,000
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	\$0	\$0	\$2,500,000	\$325,000	\$2,500,000	\$2,500,000	\$0	\$0	\$0	\$5,000,000
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:

CWS Central phased tenant improvements projects for phased staff move anticipated to start FY27 and be complete by FY27

FY27

\$15,500,000 overall interior remodel

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$8,669	\$14,981	\$50,000	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
Design and Engineering	\$5,170	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$25,493	\$7,973	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$22,209	\$381	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$1,631	\$0	\$0	\$12,800	\$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	\$63,172	\$23,335	\$50,000	\$12,800	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
Other Funding	\$0	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This umbrella project to cover miscellaneous facility upgrade projects

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$15,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$6,237	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$478	\$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	\$70,000	\$100,000	\$0	\$0	\$0	\$170,000
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	\$6,715	\$15,000	\$0	\$70,000	\$100,000	\$0	\$0	\$0	\$170,000
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

FY26: \$70,000

Install of two ChargePoint EV chargers \$40,000

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

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$25,000	\$0	\$25,000	\$110,000	\$25,000	\$25,000	\$25,000	\$210,000
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	\$2,950	\$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	\$2,950	\$25,000	\$0	\$25,000	\$110,000	\$25,000	\$25,000	\$25,000	\$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:

FY26: \$25,000

Install conduit & fiber for network & security at Tiny Houses \$25,000

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$300,000	\$750,000	\$0	\$0	\$1,050,000
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	\$500,000	\$750,000	\$0	\$0	\$1,250,000
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:

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: HILLSBORO ADMINISTRATION BUILDING IMPROVEMENTS

Project Number:

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$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	\$0	\$0	\$100,000	\$100,000
Other Funding	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Project Detail

Project Name: HILLSBORO FACILITY UPGRADES

Project Number: 7184

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$40,000	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
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	\$40,000	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$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:

This is an umbrella project for miscellaneous upgrades projects at this facility

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$164,716	\$361,128	\$560,000	\$372,500	\$340,000	\$375,000	\$375,000	\$375,000	\$375,000	\$1,840,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$4,049	\$1,883	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$91,628	\$34,934	\$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	\$260,393	\$397,945	\$560,000	\$372,500	\$340,000	\$375,000	\$375,000	\$375,000	\$375,000	\$1,840,000
Other Funding	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This 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.

FY26: \$340,000

\$200,000 New landscape for the RC PC4

\$20,000 RC Biofilter

\$40,000 DM UFAT

\$10,000 DM SRF Mag Chloride, Caustic, and Misc. Improvements,

\$35,000 DM PGE substation irrigation relocation,

\$15,000 River Terrace PS new irrigation system

Project Detail

Project Name: PUMP STATION FACILITY UPGRADES

Project Number: 7183

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$20,000	\$0	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000
Design and Engineering	\$2,325	\$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	\$8,966	\$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	\$11,291	\$0	\$20,000	\$0	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$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:

This umbrella project covers miscellaneous facility upgrade projects

\$20,000 Miscellaneous upgrades

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$715	\$555,342	\$10,000,000	\$15,000,000	\$30,000,000	\$10,000,000	\$0	\$0	\$0	\$40,000,000
Design and Engineering	\$1,708,808	\$1,673,595	\$1,200,000	\$800,000	\$1,000,000	\$500,000	\$0	\$0	\$0	\$1,500,000
Equipment and Materials	\$152,328	\$145	\$0	\$0	\$0	\$3,000,000	\$0	\$0	\$0	\$3,000,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$119,331	\$177,722	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$23,703	\$6,842	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$7,000	\$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	\$2,004,885	\$2,420,646	\$11,200,000	\$15,800,000	\$31,000,000	\$13,500,000	\$0	\$0	\$0	\$44,500,000
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:

Clean Water Services' (CWS) RIPL project involves renovating a 62,300-square-foot building and adding 15,919 square feet, bringing the total to 78,219 square feet. The space will be used for regulatory and research laboratories, laboratory support systems, offices, and training rooms. The west-side addition will facilitate circulation in the laboratory areas, while the north-side addition will house laboratory logistics on the first floor and mechanical systems on the second floor. The Project will also include the installation of all new mechanical, electrical, plumbing, and technology systems.

Project Detail

Project Name: RIPL FACILITY UPGRADES

Project Number: 7212

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$10,000	\$10,000	\$10,000	\$10,000	\$40,000
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	\$44	\$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	\$44	\$0	\$0	\$0	\$0	\$10,000	\$10,000	\$10,000	\$10,000	\$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 umbrella project to cover facility related upgrade projects. There are no planned upgrades in this project for this FY due to a larger upgrade project for this facility. This project number is reserved for future years.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$14,981	\$25,000	\$0	\$50,000	\$30,000	\$30,000	\$30,000	\$30,000	\$170,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$27,623	\$17,354	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$654	\$463	\$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	\$28,277	\$32,798	\$25,000	\$0	\$50,000	\$30,000	\$30,000	\$30,000	\$30,000	\$170,000
Other Funding	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This umbrella project to cover miscellaneous facility upgrade projects

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

Project Detail

Project Name: ROCK CREEK LOWER TERTIARY MAU REPLACEMENT

Project Number:

Project Subtype: Facilities Management Projects

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Karen Bill

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$300,000	\$0	\$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	\$300,000	\$0	\$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 existing 993ASU007 MAU in the lower tertiary area has failed and need to be replaced. The system requires improvement to reduce humidity in the area and improve the environmental conditions for the electrical equipment, which also requires replacement.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$5,745	\$940,022	\$0	\$63,300	\$0	\$1,000,000	\$13,500,000	\$8,000,000	\$0	\$22,500,000
Design and Engineering	\$309,714	\$501,632	\$600,000	\$500,000	\$900,000	\$300,000	\$200,000	\$200,000	\$0	\$1,600,000
Equipment and Materials	\$13,833	\$14,546	\$0	\$0	\$0	\$0	\$0	\$500,000	\$0	\$500,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$64,117	\$164,418	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$1,186	\$21,621	\$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	\$394,595	\$1,642,335	\$600,000	\$563,300	\$900,000	\$1,300,000	\$13,700,000	\$8,700,000	\$0	\$24,600,000
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 Springer Street Facility Improvements will support the Construction Field Operation and Pump Station Maintenance groups and include new operations support 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 support District emergency field operations. Final design will continue in FY25-26 and construction anticipated to start in FY27.

Project Detail

Project Name: TRF FACILITY UPGRADES

Project Number: 7209

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$4,043	\$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	\$11,651	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$3,675	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$10,000	\$0	\$10,000	\$50,000	\$10,000	\$10,000	\$10,000	\$90,000
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	\$19,369	\$10,000	\$0	\$10,000	\$50,000	\$10,000	\$10,000	\$10,000	\$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 umbrella project to cover all facility related upgrades at this facility

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000	\$750,000	\$1,000,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$20,000	\$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	\$20,000	\$0	\$0	\$0	\$40,000	\$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	\$20,000	\$0	\$0	\$0	\$40,000	\$350,000	\$770,000	\$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: BUTTERNUT CREEK - 209TH TO CENTURY

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$126,000	\$126,000	\$126,000	\$0	\$378,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$65,000	\$0	\$0	\$0	\$0	\$65,000
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	\$13,000	\$11,500	\$11,500	\$11,500	\$0	\$47,500
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	\$0	\$0	\$0	\$78,000	\$137,500	\$137,500	\$137,500	\$0	\$490,500
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:

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 Detail

Project Name: VEGETATION MATERIAL HANDLING FACILITY IMPROVEMENTS

Project Number: 7284

Project Subtype: CWS Property Improvements

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Jill Erickson

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$46,420	\$0	\$0	\$0	\$1,000,000	\$1,000,000	\$0	\$0	\$2,000,000
Design and Engineering	\$0	\$0	\$0	\$0	\$400,000	\$25,000	\$25,000	\$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	\$344	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$10,000	\$150,000	\$80,000	\$205,000	\$205,000	\$0	\$0	\$490,000
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	\$46,764	\$10,000	\$150,000	\$480,000	\$1,230,000	\$1,230,000	\$0	\$0	\$2,940,000
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. NSES is coordinating with CCE and WRRD to meet needs. 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 includes permanent restroom facilities and septic system.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$313,662	\$218,584	\$476,000	\$476,000	\$372,000	\$553,000	\$528,000	\$484,000	\$332,000	\$2,269,000
Design and Engineering	\$26,663	\$0	\$55,000	\$55,000	\$181,000	\$75,000	\$0	\$0	\$0	\$256,000
Equipment and Materials	\$75,144	\$31,091	\$66,100	\$66,100	\$70,200	\$80,100	\$45,000	\$40,000	\$15,000	\$250,300
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$44,366	\$22,086	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$6,565	\$9,315	\$68,000	\$68,000	\$57,000	\$64,000	\$52,000	\$48,000	\$32,000	\$253,000
Plans and Studies	\$0	\$0	\$67,500	\$67,500	\$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	\$466,400	\$281,076	\$732,600	\$732,600	\$680,200	\$772,100	\$625,000	\$572,000	\$379,000	\$3,028,300
Other Funding	\$48,000	\$200,000	\$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 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 (\$175,500), Carpenter Creek Prairie (\$50,000), Baker Creek (\$120,000), Atfalati Floodplain (\$112,800), Beef Bend (\$78,000) Brown (\$112,800), and Atfalati South (\$31,000).

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$30,000	\$8,000	\$50,000	\$17,000	\$1,400,000	\$6,000	\$6,000	\$1,479,000
Design and Engineering	\$0	\$0	\$175,000	\$40,000	\$110,000	\$110,000	\$35,000	\$0	\$0	\$255,000
Equipment and Materials	\$0	\$0	\$7,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$18,009	\$25,999	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$21,000	\$10,000	\$30,000	\$72,000	\$0	\$1,000	\$1,000	\$104,000
Plans and Studies	\$6,246	\$0	\$0	\$40,000	\$40,000	\$0	\$0	\$0	\$0	\$40,000
Professional Services	\$0	\$26,753	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$24,255	\$52,752	\$233,000	\$98,000	\$230,000	\$199,000	\$1,435,000	\$7,000	\$7,000	\$1,878,000
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 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$406,379	\$499,112	\$25,000	\$28,000	\$32,500	\$24,000	\$24,000	\$24,000	\$0	\$104,500
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$2,571	\$12,625	\$0	\$0	\$6,500	\$0	\$0	\$0	\$0	\$6,500
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$56,367	\$55,863	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$14,314	\$3,782	\$5,000	\$10,000	\$7,000	\$4,000	\$4,000	\$4,000	\$0	\$19,000
Plans and Studies	\$1,175	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$5,435	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$480,806	\$576,817	\$30,000	\$38,000	\$46,000	\$28,000	\$28,000	\$28,000	\$0	\$130,000
Other Funding	\$570,000	\$285,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

A 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.

Project Detail

Project Name: HEDGES CREEK FLOODPLAIN @ TUALATIN SHERWOOD RD

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$220,000	\$220,000	\$220,000	\$20,000	\$680,000
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	\$15,000	\$20,000	\$20,000	\$20,000	\$20,000	\$95,000
Plans and Studies	\$0	\$0	\$0	\$0	\$75,000	\$0	\$0	\$0	\$0	\$75,000
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	\$90,000	\$240,000	\$240,000	\$240,000	\$40,000	\$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:

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: 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$447,562	\$554,087	\$969,700	\$917,000	\$788,500	\$758,700	\$721,500	\$515,000	\$240,000	\$3,023,700
Design and Engineering	\$0	\$0	\$100,500	\$100,500	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$108,571	\$83,476	\$100,000	\$100,000	\$154,600	\$129,000	\$101,000	\$44,000	\$16,000	\$444,600
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$45,632	\$71,950	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$342	\$1,087	\$56,000	\$113,000	\$97,000	\$88,000	\$80,000	\$50,000	\$20,000	\$335,000
Plans and Studies	\$45,209	\$0	\$73,000	\$73,000	\$20,000	\$40,000	\$40,000	\$0	\$0	\$100,000
Professional Services	\$3	\$33,976	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$647,319	\$744,576	\$1,299,200	\$1,303,500	\$1,060,100	\$1,015,700	\$942,500	\$609,000	\$276,000	\$3,903,300
Other Funding	\$0	\$200,000	\$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. 22 Active projects:

The Wetland Conservancy

- o Hedges Creek (\$120,000)

- o Cedar Mill Wetlands (\$18,000)

Project Detail

Project Name: LOWER WATERSHED RESTORATION PARTNERSHIPS

Project Number:

Project Subtype: NSES Enhancement

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Rich Hunter

Project Status: Candidate

Department/Program: NSES

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$154,000	\$154,000	\$154,000	\$154,000	\$616,000
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	\$30,000	\$14,000	\$14,000	\$14,000	\$14,000	\$86,000
Plans and Studies	\$0	\$0	\$0	\$0	\$150,000	\$0	\$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	\$180,000	\$168,000	\$168,000	\$168,000	\$168,000	\$852,000
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.

Two projects starting in FY26 - Cedar Creek Enhancement - Goose Creek to Magney (\$60,000) and Cedar Creek Enhancement - Oberst Rd to Goose Creek (\$120,000)

Project Detail

Project Name: MCFEE CREEK ENHANCEMENT

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$15,000	\$0	\$0	\$0	\$15,000
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	\$2,000	\$0	\$0	\$0	\$0	\$2,000
Plans and Studies	\$0	\$0	\$0	\$0	\$10,000	\$10,000	\$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	\$0	\$0	\$12,000	\$25,000	\$0	\$0	\$0	\$37,000
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 supports regulatory compliance with the temperature management plan and has the potential to restore floodplain connectivity and improve fish passage. Potential partners include Oregon Department of Fish and Game, Tualatin River Watershed Council and private landowners.

Project Detail

Project Name: MIDDLE WATERSHED RESTORATION PARTNERSHIPS - UMBRELLA

Project Subtype: NSES Enhancement

Project Manager: Rich Hunter

Department/Program: NSES

Project Number:

Fund: 112 - Sanitary Sewer Construction Fund

Project Status: Candidate

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$90,000	\$153,500	\$153,500	\$153,500	\$153,500	\$704,000
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	\$8,000	\$14,000	\$14,000	\$14,000	\$14,000	\$64,000
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	\$98,000	\$167,500	\$167,500	\$167,500	\$167,500	\$768,000
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 Rock Creek - Tualatin River (HUC10) and includes urban tributaries Beaverton, Williw, Bronson, Cedar Mill Creeks as well as rural drainages with important cold water refuges in McFee, Baker and Heaton Creeks.

Two projects starting in FY26 - Beaverton Creek - Millikan to 170th (\$38,000) and Cross Creek Enhancement at Rosedale (\$60,000)

Project Detail

Project Name: NATURAL SYSTEM IMPROVEMENTS - SANI

Project Subtype: NSES Enhancement

Project Manager: Rich Hunter

Department/Program: NSES

Project Number:

Fund: 112 - Sanitary Sewer Construction Fund

Project Status: Open

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$200,000	\$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	\$200,000	\$0	\$0	\$0	\$300,000	\$300,000	\$300,000	\$900,000
Other Funding	\$0	\$200,000	\$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: 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$156,788	\$252,330	\$528,000	\$480,000	\$733,000	\$811,000	\$811,000	\$712,000	\$705,000	\$3,772,000
Design and Engineering	\$0	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$70,801	\$52,676	\$0	\$0	\$167,000	\$130,000	\$130,000	\$97,000	\$97,000	\$621,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$36,268	\$28,318	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$48,000	\$48,000	\$82,000	\$86,000	\$86,000	\$74,000	\$73,000	\$401,000
Plans and Studies	\$20,190	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$3,809	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$284,047	\$337,133	\$726,000	\$528,000	\$982,000	\$1,027,000	\$1,027,000	\$883,000	\$875,000	\$4,794,000
Other Funding	\$0	\$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 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 375 acres at 4 sites: Dennis (\$96,000), Bump-Brenner (\$72,000), Chicken Creek (\$180,000), and Onion Flats/Rock Creek (\$300,000)

Plus 7 new projects Wapato Lake NWR - Locey (\$10,200), Wapato Lake NWR - West Side Levee (66,000), Wapato Lake NWR - East Side Levee (\$120,000), Wapato Lake NWR - Field 1 (\$17,400), Wapato Lake NWR - Field 2 (\$90,000), Wapato Lake NWR - Field 3 (\$24,000), Wapato Lake NWR - Onion Lane (\$4,800).

Project Detail

Project Name: TSWCD URBAN HABITAT CONSERVATION AND STEWARDSHIP

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$35,000	\$87,000	\$107,500	\$0	\$0	\$0	\$194,500
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$0	\$0	\$5,000	\$3,000	\$0	\$0	\$0	\$8,000
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	\$4,000	\$25,000	\$30,000	\$0	\$0	\$0	\$55,000
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	\$39,000	\$117,000	\$140,500	\$0	\$0	\$0	\$257,500
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 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.

Projects identified in the FY26 operations pan include Fanno Creek at Bauman Park (\$25,000) and Fanno Creek at Oleson Road (\$10,000) and Glencoe Creek (\$66,000).

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$8,649	\$49,762	\$510,000	\$250,000	\$300,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,300,000
Design and Engineering	\$0	\$76,326	\$210,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$20,935	\$11,518	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$15,545	\$32,312	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$2,274	\$36,000	\$52,000	\$30,000	\$0	\$0	\$0	\$0	\$30,000
Plans and Studies	\$0	\$67,000	\$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	\$45,129	\$239,192	\$756,000	\$312,000	\$330,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,330,000
Other Funding	\$0	\$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 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. For FY 26, there are a total of 2 project areas, including priority sites on Coffee Creek (\$165,000), Finger Creek (\$165,000).

Project Detail

Project Name: VEGETATED CORRIDOR ADVANCE MITIGATION - UMBRELLA

Project Number:

Project Subtype: NSES Enhancement

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Rich Hunter

Project Status: Candidate

Department/Program: NSES

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$11,000	\$11,000	\$16,500	\$22,000	\$27,500	\$88,000
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	\$1,000	\$1,000	\$1,500	\$2,000	\$2,500	\$8,000
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	\$12,000	\$12,000	\$18,000	\$24,000	\$30,000	\$96,000
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.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$72,857	\$165,265	\$182,000	\$182,000	\$183,000	\$183,000	\$155,000	\$100,000	\$56,000	\$677,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$13,098	\$72,641	\$42,500	\$42,500	\$78,000	\$16,000	\$5,000	\$5,000	\$5,000	\$109,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$7,679	\$20,768	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$9,504	\$20,000	\$20,000	\$24,000	\$18,000	\$15,000	\$10,000	\$6,000	\$73,000
Plans and Studies	\$648	\$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	\$94,282	\$268,178	\$244,500	\$244,500	\$285,000	\$217,000	\$175,000	\$115,000	\$67,000	\$859,000
Other Funding	\$0	\$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 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 six project sites: Tualatin Interceptor (\$90,000), Foothills Park (\$8,400), Cedar Mill Trunk Jenkins (\$102,000), Cedar Mill Trunk - Walker at Murray (\$12,000), Rock Creek - Tualatin Sherwood Road (\$48,000), and Bendemeer Trunk- Jacobson to Hwy 26 (\$24,000).

Project Detail

Project Name: JACKSON BOTTOM AREA WETLANDS & REUSE IMPROVEMENTS

Project Number: 7037

Project Subtype: CWS Property Improvements

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: John Goetz III

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$81,239	\$125,168	\$90,000	\$190,000	\$90,000	\$165,000	\$165,000	\$0	\$0	\$420,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$9,052	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$17,958	\$14,101	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$1,247	\$3,830	\$10,000	\$10,000	\$10,000	\$15,000	\$15,000	\$0	\$0	\$40,000
Plans and Studies	\$0	\$22,956	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$2,190	\$2,732	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$111,686	\$168,787	\$100,000	\$200,000	\$100,000	\$180,000	\$180,000	\$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:

In FY26, the project will be farming the existing vegetation - invasive species management and crop enhancement.

In FY27, there will wetland enhancement construction on the Davis Tool 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 re-use targets for the District.

Project Detail

Project Name: Forest Grove Property Enhancements

Project Number: 6465

Project Subtype: CWS Property Improvements

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: John Goetz III

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$87,403	\$83,407	\$90,000	\$90,000	\$75,000	\$75,000	\$75,000	\$0	\$0	\$225,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$0	\$0	\$10,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$2,873	\$10,874	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$10,000	\$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	\$90,276	\$94,281	\$110,000	\$100,000	\$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:

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 IWRM, 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.

Project Detail

Project Name: FOREST GROVE WEST AG LANDS DEVELOPMENT

Project Number:

Project Subtype: CWS Property Improvements

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Jared Kinnear

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$600,000	\$1,000,000	\$0	\$0	\$1,600,000
Design and Engineering	\$0	\$0	\$0	\$0	\$100,000	\$150,000	\$0	\$0	\$0	\$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	\$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	\$750,000	\$1,000,000	\$0	\$0	\$1,850,000
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:

This project involves development of the Zurcher 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: JB- COYOTE HILL WETLANDS & REFUGE IMPROVEMENTS

Project Number: 7129

Project Subtype: CWS Property Improvements

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: John Goetz III

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$85,428	\$108,188	\$50,000	\$150,000	\$50,000	\$165,000	\$165,000	\$0	\$0	\$380,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$7,838	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$223	\$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	\$15,000	\$15,000	\$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	\$93,266	\$108,411	\$50,000	\$150,000	\$50,000	\$180,000	\$180,000	\$0	\$0	\$410,000
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 FY26, the project will be farming the existing vegetation - invasive species management and crop enhancement.

In FY27, there will 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 re-use targets for the District.

Project Detail

Project Name: RECYCLED WATER MISCELLANEOUS UPGRADES

Project Number: 7279

Project Subtype: Reuse

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Jeff Hart

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$11,896	\$10,000	\$150,000	\$10,000	\$25,000	\$25,000	\$25,000	\$0	\$85,000
Design and Engineering	\$0	\$0	\$7,500	\$0	\$7,500	\$15,000	\$15,000	\$15,000	\$0	\$52,500
Equipment and Materials	\$0	\$0	\$30,000	\$30,000	\$30,000	\$50,000	\$50,000	\$50,000	\$0	\$180,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$32,437	\$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	\$2,500	\$0	\$2,500	\$10,000	\$10,000	\$10,000	\$0	\$32,500
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	\$44,333	\$50,000	\$180,000	\$50,000	\$100,000	\$100,000	\$100,000	\$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 umbrella project is to design and construct various branches off of our main recycled water pipelines. At this point in time, we cannot identify which of the below projects (customer) will occur in FY25 as project sequencing is based on customer desire to move forward.

- Lakeside
- Hillsboro Fire Department
- Rood Bridge
- Waste Management
- Meriwether
- Witch Hazel Village
- Licorich Lane Farms

Project Detail

Project Name: DURHAM BOILERS 1&2 CONTROLS UPGRADE

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$50,000	\$80,000	\$0	\$0	\$0	\$0	\$80,000
Design and Engineering	\$0	\$0	\$0	\$50,000	\$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	\$100,000	\$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 replace the self actuated three way valves at the Durham 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 allow the boiler to reach full capacity and increase their effective capacity.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000	\$1,000,000	\$0	\$2,500,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$175,000	\$40,000	\$20,000	\$0	\$235,000
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	\$175,000	\$1,540,000	\$1,020,000	\$0	\$2,735,000
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 stores bulk 12.5% sodium hypochlorite that is used for disinfection and odor control. Sodium hypochlorite is stored in one of three 26,000 gallon FRP tanks that were originally installed in 1992. These tanks 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.

Project Detail

Project Name: DURHAM DISINFECTION BYPRODUCT MITIGATION

Project Number: 7348

Project Subtype: Durham

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Jana Otero

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Design and Engineering	\$0	\$0	\$0	\$60,000	\$40,000	\$0	\$0	\$0	\$0	\$40,000
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	\$60,000	\$290,000	\$0	\$0	\$0	\$0	\$290,000
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 study and identify ways to mitigate disinfection byproduct (DBP) formation in the tertiary treatment system at Durham. Currently, the reuse wetwell overflows into the low-phosphorus effluent channel, causing a reaction with highly chlorinated reuse water and disinfection byproduct causing material in the plant effluent. Alternative ways to disinfect reuse water and infrastructure change to prevent this overflow will be evaluated to determine a feasible path forward to prevent DBP formation.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$30,000	\$0	\$0	\$30,000	\$0	\$0	\$0	\$30,000
Design and Engineering	\$0	\$0	\$30,000	\$15,000	\$0	\$15,000	\$0	\$0	\$0	\$15,000
Equipment and Materials	\$0	\$0	\$120,000	\$10,000	\$0	\$110,000	\$0	\$0	\$0	\$110,000
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	\$180,000	\$25,000	\$0	\$155,000	\$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 DRY AND WET WEATHER OUTFALL REPAIR

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$170,000	\$0	\$0	\$0	\$170,000
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	\$220,000	\$0	\$0	\$0	\$220,000
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:

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 GAS TREATMENT STORAGE

Project Subtype: Durham

Project Manager: Mike Idehara

Department/Program: WRRD

Project Number:

Fund: 112 - Sanitary Sewer Construction Fund

Project Status: Candidate

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$50,000	\$0	\$0	\$50,000	\$150,000	\$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	\$50,000	\$0	\$0	\$50,000	\$150,000	\$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:

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

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$1,800,000	\$550,000	\$0	\$0	\$2,350,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$200,000	\$200,000	\$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	\$0	\$0	\$0	\$2,000,000	\$750,000	\$0	\$0	\$2,750,000
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 project will replace the Durham 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 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$5,508	\$6,478	\$200,000	\$50,000	\$100,000	\$200,000	\$200,000	\$200,000	\$0	\$700,000
Design and Engineering	\$0	\$182,066	\$50,000	\$20,000	\$50,000	\$50,000	\$50,000	\$50,000	\$0	\$200,000
Equipment and Materials	\$69,538	\$3,670	\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$6,860	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$7,152	\$63,012	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$3,432	\$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	\$85,630	\$262,086	\$250,000	\$80,000	\$150,000	\$250,000	\$250,000	\$250,000	\$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:

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.

Phosphorus Analyzers: \$50,000

Mixed Liquor Pump Replacement: \$100,000

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$1,050,000	\$3,400,000	\$0	\$0	\$0	\$4,450,000
Design and Engineering	\$27,368	\$462,450	\$320,000	\$335,000	\$450,000	\$300,000	\$0	\$0	\$0	\$750,000
Equipment and Materials	\$0	\$0	\$0	\$42,000	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$13,706	\$64,980	\$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	\$41,074	\$527,430	\$320,000	\$377,000	\$1,500,000	\$3,700,000	\$0	\$0	\$0	\$5,200,000
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:

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 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$100,000	\$0	\$700,000	\$2,300,000	\$2,100,000	\$2,100,000	\$0	\$7,200,000
Design and Engineering	\$0	\$0	\$200,000	\$200,000	\$800,000	\$200,000	\$200,000	\$200,000	\$0	\$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	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$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	\$0	\$0	\$300,000	\$250,000	\$1,500,000	\$2,500,000	\$2,300,000	\$2,300,000	\$0	\$8,600,000
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:

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 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$1,170	\$0	\$0	\$0	\$4,000,000	\$10,000,000	\$5,000,000	\$0	\$0	\$19,000,000
Design and Engineering	\$0	\$282,166	\$1,050,000	\$1,400,000	\$300,000	\$550,000	\$250,000	\$0	\$0	\$1,100,000
Equipment and Materials	\$2,086	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$74,543	\$165,466	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$933	\$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	\$77,799	\$448,565	\$1,050,000	\$1,400,000	\$4,300,000	\$10,550,000	\$5,250,000	\$0	\$0	\$20,100,000
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:

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 PRIMARY BIOFILTER IMPROVEMENTS

Project Subtype: Durham

Project Manager: Mike Idehara

Department/Program: WRRD

Project Number:

Fund: 112 - Sanitary Sewer Construction Fund

Project Status: Candidate

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000	\$0	\$0	\$1,000,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$40,000	\$0	\$0	\$0	\$40,000
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	\$200,000	\$0	\$0	\$500,000
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	\$340,000	\$1,200,000	\$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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$160,000	\$0	\$0	\$0	\$0	\$160,000
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	\$160,000	\$0	\$0	\$0	\$0	\$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 minimize the potential for fall hazards by adding a safety rail system along edge of the Durham Solids and O&M building roofs for personnel fall protection. Additionally, fall protection screens will added to roof top skylights to prevent falls.

Project Detail

Project Name: DURHAM SCADA NETWORK EVALUATIONS

Project Number: 7233

Project Subtype: Durham

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Brandon Wick

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$10,000	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Design and Engineering	\$0	\$0	\$100,000	\$10,000	\$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	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$50,000	\$25,000	\$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	\$200,000	\$45,000	\$220,000	\$0	\$0	\$0	\$0	\$220,000
Other Funding	\$0	\$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 project will evaluate and expand the SCADA fiber optic network at Durham. The network expansion will also include upgrades to SCADA hardware.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$50,000	\$190,000	\$0	\$0	\$0	\$0	\$190,000
Design and Engineering	\$0	\$0	\$0	\$100,000	\$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	\$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	\$150,000	\$220,000	\$0	\$0	\$0	\$0	\$220,000
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 Subtype: Durham

Project Manager: Mike Idehara

Department/Program: WRRD

Project Number:

Fund: 112 - Sanitary Sewer Construction Fund

Project Status: Candidate

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$2,000,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$200,000	\$650,000	\$250,000	\$250,000	\$1,350,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$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	\$0	\$200,000	\$650,000	\$2,250,000	\$2,250,000	\$5,350,000
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 will evaluate the capacity and replace or refurbish the thickening centrifuges at the Durham facility. Three Sharples centrifuges installed in 1993 are used to thicken waste activated sludge prior to digestion.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$150,000	\$0	\$0	\$150,000	\$0	\$0	\$0	\$150,000
Design and Engineering	\$0	\$0	\$30,000	\$0	\$30,000	\$0	\$0	\$0	\$0	\$30,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$10,000	\$0	\$0	\$0	\$0	\$10,000
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	\$180,000	\$0	\$40,000	\$150,000	\$0	\$0	\$0	\$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:

A third polymer blend unit will be installed in the thickening polymer system to support the sludge thickening processes at the Durham facility. The third blend unit will serve as a redundant unit when one of the two blend units are out of service.

Project Detail

Project Name: DURHAM UFAT EXPANSION

Project Number: 6834

Project Subtype: Durham

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Mike Idehara

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$2,194,133	\$7,323,000	\$4,600,000	\$3,750,000	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$245,474	\$124,783	\$120,000	\$190,000	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Equipment and Materials	\$59,799	\$132,322	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$392,398	\$703,141	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$776	\$2,780	\$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	\$2,892,580	\$8,286,026	\$4,720,000	\$3,940,000	\$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:

This project will rehabilitate the existing Unified Fermentation and Thickening (UFAT) train with new mechanisms and convert the existing Waste Activated Sludge Stripping to Recover Internal Phosphate (WASSTRIP) train to a second UFAT train. It also includes a complete retrofit of the sludge tunnel and all of the associated mechanical piping and equipment. The project will also convert the existing fermenter biofilter to engineered media and expand the treatment capacity to include odors from both the UFAT trains as well as the solids building, which will allow for the removal of the aging Solids Building chemical scrubber.

Project Detail

Project Name: DURHAM UNISON BACK-UP CHILLER

Project Subtype: Durham

Project Manager: Mike Idehara

Department/Program: WRRD

Project Number:

Fund: 112 - Sanitary Sewer Construction Fund

Project Status: Open

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$300,000	\$0	\$0	\$0	\$300,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$15,000	\$0	\$0	\$0	\$15,000
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	\$315,000	\$0	\$0	\$0	\$315,000
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 Subtype: Durham

Project Manager: Jana Otero

Department/Program: WRRD

Project Number:

Fund: 112 - Sanitary Sewer Construction Fund

Project Status: Candidate

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$750,000	\$250,000	\$0	\$1,000,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$100,000	\$50,000	\$25,000	\$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	\$50,000	\$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	\$0	\$150,000	\$800,000	\$275,000	\$0	\$1,225,000
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 Durham facility maintains a storeroom for parts and materials at the south wing of the O&M 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: 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$50,000	\$200,000	\$200,000	\$400,000	\$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	\$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	\$200,000	\$200,000	\$400,000	\$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: 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$16,100	\$99,026	\$40,000	\$140,000	\$250,000	\$225,000	\$0	\$0	\$0	\$475,000
Design and Engineering	\$0	\$0	\$10,000	\$20,000	\$50,000	\$75,000	\$0	\$0	\$0	\$125,000
Equipment and Materials	\$59,067	\$50,900	\$0	\$40,000	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$173,939	\$176,397	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$236	\$5,064	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$46,436	\$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	\$249,342	\$377,823	\$50,000	\$200,000	\$300,000	\$300,000	\$0	\$0	\$0	\$600,000
Other Funding	\$0	\$200,000	\$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) NTS Dewatering Pipe Sleeves - \$50K
- 2) NTS Landscape - \$50K
- 3) NTS Entry Corridor - \$50K
- 4) South Wetlands Planting - \$50K
- 5) Solar Shed Upgrade - \$50K
- 6) Lake Aeration Upgrade - \$50K

Project Detail

Project Name: FERNHILL NORTH

Project Number: 7180

Project Subtype: Forest Grove

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Jared Kinnear

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$15,386	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$2,000,000	\$0	\$4,000,000
Design and Engineering	\$5,462	\$16,716	\$50,000	\$0	\$0	\$125,000	\$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	\$43,998	\$2,013	\$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	\$31,791	\$31,355	\$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	\$96,637	\$50,084	\$50,000	\$0	\$0	\$125,000	\$2,000,000	\$2,000,000	\$0	\$4,125,000
Other Funding	\$0	\$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:

The Fernhill North project consists of several site improvements to the Fernhill complex, including an additional parking lot (35 spaces) and public restroom with associated utilities. Landscape scale improvements include site grading, new trail integration into the existing trail system, and amenities such as educational hubs, picnic shelters, and amphitheaters.

The area could include a new building, which would be a separate project.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$750,000	\$750,000
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	\$100,000	\$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	\$0	\$100,000	\$750,000	\$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:

Plan / design / construct the 3rd aeration basin at Forest Grove. This is required by 2034.

Project Detail

Project Name: FOREST GROVE AERATION MODIFICATIONS

Project Subtype: Forest Grove

Project Manager: Joshua Johnson

Department/Program: WRRD

Project Number:

Fund: 112 - Sanitary Sewer Construction Fund

Project Status: Candidate

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$700,000	\$0	\$0	\$0	\$700,000
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	\$75,000	\$0	\$0	\$0	\$0	\$75,000
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	\$75,000	\$900,000	\$0	\$0	\$0	\$975,000
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 FG Primary Clarifiers are being constructed to address copper discharge at Forest Grove. Following startup of the primary clarifiers, air requirements at the ABs are expected to be different. Additionally, the existing FG centrifugal blowers are nearing the end of their useful life.

The project will include the evaluation and modifications to the existing aeration system by either; reconditioning the existing large aeration blowers or demolition existing equipment and installing additional redundancy in the aeration system. New electrical gear, discharge piping and hoisting equipment are expected as part of this project. The project will provide reliability in the peak aeration demand seen by plant staff during unusual biological loading events.

Additionally, the project will address:

- Existing AB diffuser replacement
- Planning for future AB3
- Power distribution for AR3

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$70,000	\$0	\$160,000	\$200,000	\$0	\$0	\$0	\$360,000
Design and Engineering	\$0	\$0	\$20,000	\$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	\$90,000	\$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 HHPS allows for fugitive odors. This project makes minor fixes to seal the wet well and route foul air through a canister-type carbon system for treatment. The project will also recoat the HHPS wet well and replace pump isolation gates.

Additionally, address small modifications resulting from the twin 24 capacity model to match station capacity to pipelines.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000	\$1,000,000	\$0	\$2,000,000
Design and Engineering	\$0	\$0	\$100,000	\$0	\$0	\$150,000	\$150,000	\$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	\$0	\$0	\$150,000	\$1,150,000	\$1,000,000	\$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 benefits include; 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: 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$12,626	\$0	\$70,000	\$50,000	\$65,000	\$70,000	\$70,000	\$70,000	\$70,000	\$345,000
Design and Engineering	\$0	\$0	\$10,000	\$0	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Equipment and Materials	\$98,260	\$46,110	\$20,000	\$0	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$7,506	\$29,402	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$116	\$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	\$118,508	\$75,512	\$100,000	\$50,000	\$95,000	\$100,000	\$100,000	\$100,000	\$100,000	\$495,000
Other Funding	\$0	\$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 "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 FY26:

- Water loop modifications (\$20,000)
- Clarifier 1/2 drain pumps (\$25,000)
- UV reactors - connect 1 and 2 to PW (\$15,000)
- New high-pressure air compressor (\$15,000)
- REC electrical improvements (\$20,000)

Project Detail

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

Project Number:

Project Subtype: Forest Grove

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Kurt Reichert

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$30,000	\$50,000	\$50,000	\$20,000	\$0	\$0	\$120,000
Equipment and Materials	\$0	\$0	\$0	\$25,000	\$200,000	\$200,000	\$100,000	\$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	\$0	\$55,000	\$250,000	\$250,000	\$120,000	\$0	\$0	\$620,000
Other Funding	\$0	\$350,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Several Forest Grove PLCs are obsolete. Texas Instruments PLCs use parts that are no longer available and uses outdated programming software. These units need to be replaced with the Allen-Bradley PLC which is the current standard and compatible with existing platforms.

PLC2 - Blower Building and remote rack in RAS Building.

PLC 3 - Blower Building

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$74,944	\$16,800,000	\$21,300,000	\$28,600,000	\$0	\$0	\$0	\$0	\$28,600,000
Design and Engineering	\$289,069	\$1,186,881	\$1,000,000	\$1,750,000	\$1,000,000	\$0	\$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	\$98,504	\$198,103	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$3,095	\$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	\$387,573	\$1,463,023	\$17,800,000	\$23,050,000	\$29,600,000	\$0	\$0	\$0	\$0	\$29,600,000
Other Funding	\$0	\$1,000,000	\$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, RAD has judged that an NPDES copper limit is likely. The primary clarifiers, 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 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.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$100,000	\$0	\$0	\$200,000	\$0	\$0	\$0	\$200,000
Design and Engineering	\$0	\$0	\$200,000	\$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	\$300,000	\$0	\$0	\$250,000	\$0	\$0	\$0	\$250,000
Other Funding	\$0	\$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:

A component of the overall District water reuse plan includes distribution in the Forest Grove area from the wastewater treatment facility. Treated effluent will be stored in the recycled water ponds or directly distributed to local customers.

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 SOLIDS TREATMENT ALTERNATIVES PROJECT

Project Number: 6896

Project Subtype: Forest Grove

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Jeff Hart

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000	\$500,000	\$1,500,000
Design and Engineering	\$0	\$0	\$0	\$0	\$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	\$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	\$1,200,000	\$700,000	\$1,900,000
Other Funding	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Forest Grove and Hillsboro Facility solids are currently sent to Rock Creek through one of the twin-24 pipelines that run to Rock Creek for processing. Construction of a solids treatment facility at Forest Grove will allow the twin-24s to be used for other purposes such as sending Class A water from Rock Creek to Forest Grove. Solids processing at Forest Grove will also save capacity (e.g. digesters, dewatering) at Rock Creek.

The project is expected to include the installation of dewatering equipment, new building(s) for mechanical equipment and biosolids loading, chemical systems, site improvements and electrical upgrades.

Project Detail

Project Name: JACKSON BOTTOM AREA IRRIGATION IMPROVEMENTS

Project Number: 7179

Project Subtype: Hillsboro

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Jared Kinnear

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$63,601	\$29,590	\$200,000	\$10,000	\$200,000	\$200,000	\$0	\$0	\$0	\$400,000
Design and Engineering	\$0	\$19,998	\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$63,325	\$58,750	\$250,000	\$1,000	\$150,000	\$250,000	\$0	\$0	\$0	\$400,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$85,635	\$40,116	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$373	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$21,640	\$3,052	\$0	\$2,000	\$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	\$234,574	\$151,506	\$450,000	\$23,000	\$350,000	\$450,000	\$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 Irrigation Improvement Project will increase the capacity of the irrigation system at the Davis Tool and Jackson Bottom Agricultural fields to accommodate Class A Reuse Water application at agronomic rates. Construction for Davis Tool started in July 2024 and will finish October 2025. Construction for Jackson Bottom will start in July 2026. It is estimated that 2.0 MGD of Reuse Water can be land applied on the Davis Tool and Jackson Bottom Fields.

This project includes installation of approximately 2000-feet of 6-inch diameter irrigation pipe and irrigation systems.

Project Detail

Project Name: HILLSBORO DISINFECTION IMPROVEMENTS

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$50,000	\$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	\$0	\$150,000	\$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:

Predesign and design of improvements to the HB disinfection system. Redundant capacity is limited, and effluent pH control is needed.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$80,000	\$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	\$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 Hillsboro Facility needs a Fiber Optics Upgrade where the new communications will be a ring versus a star network

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$51,694	\$0	\$70,000	\$0	\$60,000	\$70,000	\$70,000	\$70,000	\$70,000	\$340,000
Design and Engineering	\$0	\$0	\$10,000	\$0	\$40,000	\$10,000	\$10,000	\$10,000	\$10,000	\$80,000
Equipment and Materials	\$23,900	\$55,674	\$20,000	\$0	\$0	\$20,000	\$20,000	\$20,000	\$20,000	\$80,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$79,940	\$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	\$155,534	\$55,674	\$100,000	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$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 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
- Gate Improvements - \$25,000

Project Detail

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

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$10,000	\$50,000	\$50,000	\$0	\$0	\$0	\$100,000
Equipment and Materials	\$0	\$0	\$0	\$40,000	\$180,000	\$150,000	\$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	\$50,000	\$230,000	\$200,000	\$0	\$0	\$0	\$430,000
Other Funding	\$0	\$350,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

Hillsboro PLCs are obsolete. Texas Instruments PLCs whose parts are no longer available and uses outdated programming software. These units will be replaced with the Allen-Bradley PLC which is the current standard and compatible with existing platforms.

Replace PLC1 TI/Siemens components with Allen Bradley in Solids, Headworks, and Ops Buildings. This works will focus on replacement inside Headworks PLC Panel 301-CP-005 to eliminate corrosion issues related to degraded air quality. - \$230,000

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: Candidate

Department/Program: Office of CEO - Legal

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$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	\$0	\$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:

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 Davis Tool 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: 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$163	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$304,207	\$795,720	\$945,000	\$233,400	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Equipment and Materials	\$23,904	\$36,322	\$0	\$5,400	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$1,075,950	\$1,096,386	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$1,821	\$455	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$37,091	\$110,105	\$0	\$1,539,000	\$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	\$1,443,136	\$2,038,988	\$945,000	\$1,777,800	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Other Funding	\$0	\$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 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.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000	\$500,000	\$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	\$0	\$150,000	\$500,000	\$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:

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$2,000,000	\$8,000,000	\$0	\$0	\$0	\$10,000,000
Design and Engineering	\$0	\$0	\$0	\$700,000	\$2,000,000	\$1,000,000	\$200,000	\$0	\$0	\$3,200,000
Equipment and Materials	\$0	\$0	\$0	\$0	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$4,000,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$0	\$1,820	\$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	\$2,000,000	\$0	\$0	\$0	\$2,000,000
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	\$1,820	\$0	\$700,000	\$6,000,000	\$13,000,000	\$200,000	\$0	\$0	\$19,200,000
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 is to review and construct the best alternative for biogas utilization at Rock Creek WRRF. The existing 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 and excess biogas is flared. All digester biogas is generated in a single digester complex consisting of five mesophilic digesters. Current alternatives under consideration include CWS owned new cogeneration system, CWS owner renewable natural gas (RNG) facility, or developer owned RNG facility.

Project Detail

Project Name: ROCK CREEK GRIT IMPROVEMENTS

Project Subtype: Rock Creek

Project Manager: Karen Bill

Department/Program: WRRD

Project Number:

Fund: 112 - Sanitary Sewer Construction Fund

Project Status: Candidate

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$1,000,000	\$0	\$3,000,000
Design and Engineering	\$0	\$0	\$50,000	\$0	\$0	\$250,000	\$300,000	\$50,000	\$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	\$50,000	\$0	\$0	\$250,000	\$2,300,000	\$1,050,000	\$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:

As identified in the 2024 West Basin Master Plan, the Rock Creek WRRF grit handling system has capacity and redundancy limitations. Improvements are needed to add capacity and reduce O&M efforts.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$1,300,000	\$0	\$0	\$0	\$1,300,000
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	\$1,400,000	\$0	\$0	\$0	\$1,400,000
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 is Phase 3 of the Rock Creek Heating water system improvements. This project includes the installation of a heat recovery heat pump to draw heat from the plant effluent and use it to heat the digesters and several HVAC loads in the plant. There is an estimated incentive of \$750,000 from ETO for this project.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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 replacing the existing activated carbon treatment system with a new biofiltration system. Previous study showed that the existing odor system has limited capacity to treat compounds that can be found in the industrial flows sent to Rock Creek.

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

Project Detail

Project Name: ROCK CREEK IPS PUMP CONE VALVE REPLACEMENT

Project Number:

Project Subtype: Rock Creek

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Vasily Chernishov

Project Status: Candidate

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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 IPS pumps are aging and the accumulator system has failed. The old valves would likely to be replaced with an electric valves and actuators, replacing the hydraulic system. Plan to complete an evaluation in FY26 and replacement in FY27.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$925,000	\$0	\$0	\$0	\$0	\$925,000
Design and Engineering	\$0	\$0	\$50,000	\$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	\$50,000	\$0	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000
Other Funding	\$0	\$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:

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 MISCELLANEOUS UPGRADES

Project Number: 6372

Project Subtype: Rock Creek

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Vasily Chernishov

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$20,926	\$100,000	\$250,000	\$200,000	\$200,000	\$200,000	\$0	\$0	\$600,000
Design and Engineering	\$35,226	\$30,128	\$50,000	\$30,000	\$50,000	\$50,000	\$50,000	\$0	\$0	\$150,000
Equipment and Materials	\$61,398	\$187,292	\$75,000	\$110,000	\$25,000	\$75,000	\$75,000	\$0	\$0	\$175,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$19,530	\$86,808	\$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	\$116,154	\$325,154	\$225,000	\$390,000	\$275,000	\$325,000	\$325,000	\$0	\$0	\$925,000
Other Funding	\$0	\$325,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Description / Justification:

This “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.

FY26 projects: InDENSE Pilot (\$75k), Solids Building Polymer Safety Upgrades (\$50k), SC Safety Platform (\$35k), Aeration Basin 1&2 baffle wall construction (\$115k)

FY27 project: CCB dewatering pump improvements (\$60k), secondary clarifier launder covers (\$150k), East lime stair improvements (\$115k)

Project Detail

Project Name: ROCK CREEK PRIMARY CLARIFIER #4

Project Number: 7012

Project Subtype: Rock Creek

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Vasily Chernishov

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$366,660	\$15,345,178	\$7,260,000	\$9,300,000	\$300,000	\$0	\$0	\$0	\$0	\$300,000
Design and Engineering	\$481,885	\$649,896	\$1,000,000	\$850,000	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Equipment and Materials	\$0	\$106,460	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$238,888	\$522,851	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$329	\$777	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$16,427	\$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	\$1,087,762	\$16,641,589	\$8,260,000	\$10,150,000	\$400,000	\$0	\$0	\$0	\$0	\$400,000
Other Funding	\$0	\$4,000,000	\$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 Rock Creek WRRF liquid treatment process improvement project that will provide additional primary treatment and increased wet weather flow capacity. The Project is currently in construction for one 140' diameter primary clarifier, gallery for primary sludge pumping systems, primary scum pumping systems, odor control improvements, and large diameter primary effluent piping. In addition, the project will include site roadway improvements to accommodate new primary treatment, coordination with Washington County on signalized entry intersection at Witch Hazel and River Road, and a new septage receiving facility. Project construction started in FY 23 and is expected to be complete in FY26.

Project Detail

Project Name: ROCK CREEK RECYCLED WATER IMPROVEMENTS

Project Number: 7112

Project Subtype: Rock Creek

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Vasily Chernishov

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$2,912,519	\$510,307	\$0	\$0	\$0	\$5,000,000	\$0	\$0	\$0	\$5,000,000
Design and Engineering	\$295,392	\$18,948	\$0	\$25,000	\$150,000	\$750,000	\$0	\$0	\$0	\$900,000
Equipment and Materials	\$476,304	\$8,911	\$0	\$3,500	\$0	\$0	\$0	\$0	\$0	\$0
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$215,047	\$96,246	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$216	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$55	\$66	\$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	\$3,899,533	\$634,478	\$0	\$28,500	\$150,000	\$5,750,000	\$0	\$0	\$0	\$5,900,000
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:

This is a Rock Creek Wastewater Treatment Facility liquids treatment process improvement project. Continuation of design for the Next phase, where the recycled water system distribution capacity is increased from 2 MGD to 7 MGD for the 2028 irrigation season. Future phased increased up to 15 MGD of recycled water.

Project Detail

Project Name: ROCK CREEK TERTIARY EXPANSION

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,000,000	\$15,000,000	\$30,000,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$500,000	\$2,000,000	\$2,000,000	\$1,100,000	\$5,600,000
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	\$0	\$500,000	\$2,000,000	\$17,000,000	\$16,100,000	\$35,600,000
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:

This is a Rock Creek WRRF liquid treatment project. The 2024 West Basin Master Plan is reviewing the additional tertiary treatment capacity expansion needs based on potential regulatory requirements. The pending regulatory requirements will impact the scheduling timing and amount of expansion required.

Project Detail

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

Project Number: 7108

Project Subtype: Rock Creek

Fund: 112 - Sanitary Sewer Construction Fund

Project Manager: Vasily Chernishov

Project Status: Open

Department/Program: WRRD

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$150,000	\$0	\$0	\$150,000	\$0	\$0	\$0	\$150,000
Design and Engineering	\$0	\$0	\$0	\$20,000	\$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	\$150,000	\$20,000	\$0	\$150,000	\$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.

Surface Water Management CIP Index

Fund 206	256
Gray Infrastructure Projects	256
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Blue Infrastructure Projects	256
Gray Infrastructure Projects	256
Green Infrastructure Projects	256

FUND 206										
Project Name	Project #	Fund	FY25 Adopted	FY25 Revised	FY26 Budget	FY27 Budget	FY28 Budget	FY29 Budget	FY30 Budget	FY2026-30 Total
Gray Infrastructure Projects										
STORM SEWER R&R - UMBRELLA		206	-	-	350,000	350,000	350,000	350,000		1,400,000
SWM HEAVY VEHICLE REPLACEMENT	6839	206	223,000	220,000	210,000	175,000	690,000	220,000	440,000	1,735,000
SWM LIGHT & MEDIUM DUTY VEHICLE REPLACEMENT	6838	206	-	-	-	25,000	140,000	25,000	-	190,000
Fleet/Vehicles Projects Total			223,000	220,000	560,000	550,000	1,180,000	595,000	440,000	3,325,000
206 SWM Total		206	223,000	220,000	560,000	550,000	1,180,000	595,000	440,000	3,325,000

FUND 212										
Project Name	Project #	Fund	FY25 Adopted	FY25 Revised	FY26 Budget	FY27 Budget	FY28 Budget	FY29 Budget	FY30 Budget	FY2026-30 Total
Blue Infrastructure Projects										
PAYMENT TO PROVIDE PROJECTS - UMBRELLA	6522	212	25,000	25,000	25,000	25,000	25,000	25,000	25,000	125,000
PROGRAMMATIC SUBBASIN & SURFACE WATER PLANNING - UMBRELLA	7156	212	300,000	25,000	150,000	150,000	150,000	150,000	150,000	750,000
VEGETATED CORRIDOR ENHANCEMENT - UMBRELLA	6927	212	241,500	241,500	362,000	239,000	285,500	125,000	136,000	1,147,500
Blue Infrastructure Projects Total			566,500	291,500	537,000	414,000	460,500	300,000	311,000	2,022,500
Gray Infrastructure Projects										
177TH & RICHARD CT STORM IMPROVEMENT		212	-	-	-	-	100,000	150,000	-	250,000
185TH NEAR EWEN DR STORM IMPROVEMENT	7079	212	-	-	-	250,000	-	-	-	250,000
209TH AND INDUSTRIAL DR STORM IMPROVEMENTS	7078	212	-	-	-	-	-	150,000	300,000	450,000
81ST PLACE & MILLER RD STORM IMPROVEMENT		212	-	-	-	-	-	25,000	150,000	175,000
ABBEEY CREEK WEST- REACH C - RTC PROJECT	6911	212	25,000	-	225,000	-	-	-	-	225,000
ARRANMORE WAY NEAR MONTCLAIR ELEMENTARY STORM IMPROVEMENT		212	-	-	-	-	10,000	100,000	100,000	210,000
BEEF BEND RD & 146TH AVE STORMWATER IMPROVEMENT		212	25,000	-	-	25,000	100,000	-	-	125,000
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	-	-	-	300,000	-	-	-	300,000
MEYERS FARM PS WQF PROJECT		212	-	-	-	25,000	300,000	-	-	325,000
PETTYGROVE ST NEAR TERRA LINDA ELEMENTARY STORM IMPROVEMENT		212	-	-	-	250,000	-	-	-	250,000
ROSA RD AND FARMINGTON RD STORM IMPROVEMENT		212	-	-	-	-	-	600,000	-	600,000
SOUTHWOOD DR STORM IMPROVEMENT		212	-	-	-	50,000	400,000	-	-	450,000
STORMWATER CONV REAL TIME CONTROL	6806	212	25,000	28,000	-	-	150,000	150,000	150,000	450,000
ARBOR LAKES DECANT VAULT SITE IMPROVEMENT	6975	212	-	-	25,000	110,000	-	-	-	135,000
SW BOWMONT STORM REHAB		212	-	-	25,000	200,000	200,000	-	-	425,000
SWM LIGHT & MEDIUM DUTY VEHICLE ADDITIONS	6222	212	75,000	74,384	-	90,000	-	-	-	90,000
IOT SENSOR DEPLOYMENT	7022	212	150,000	68,500	50,000	50,000	50,000	50,000	50,000	250,000
Gray Infrastructure Projects Total			300,000	170,884	325,000	1,350,000	1,360,000	1,625,000	1,425,000	6,085,000
Green Infrastructure Projects										
84TH CT AND COPELAND ST OUTFALL RETROFIT		212	-	-	-	-	-	50,000	400,000	450,000
BEAVERTON CREEK - 205TH RESILIENT STREAM CORRIDOR APPROACH		212	-	-	82,500	80,000	420,000	60,000	60,000	702,500
CWS CENTRAL STREAM ENHANCEMENT		212	-	-	20,000	20,000	20,000	20,000	20,000	100,000
BUTTERNUT CREEK NEAR 209TH STORMWATER MANAGEMENT APPROACH	7130	212	217,000	217,000	220,000	300,000	187,000	96,000	86,000	889,000
WEST BETHANY CREEK ENHANCEMENT	6706	212	66,000	66,000	89,000	66,000	66,000	55,000		276,000
WETLAND MITIGATION MONITORING (SWM) - UMBRELLA	4944	212	253,000	253,000	160,000	171,000	171,000	169,000	158,000	829,000
MCKERNAN CREEK STORMWATER IMPLEMENTATION PLAN	7327	212	-	100,000	180,000	60,000	-	-	-	240,000
KINGSTON TERRACE STORMWATER MANAGEMENT APPROACHES		212	-	-	-	240,000	-	-	-	240,000
SOUTH BULL MOUNTAIN STORMWATER IMPLEMENTATION PLAN		212	-	-	180,000	180,000	-	-	-	360,000
SUBBASIN & SURFACE WATER PLANNING		212	250,000	-	-	-	200,000	200,000	200,000	600,000
SUBBASIN PLANNING PRIORITIZATION METHODOLOGY - UMBRELLA		212	-	-	150,000	-	-	-	-	150,000
Green Infrastructure Projects Total			786,000	636,000	1,081,500	1,117,000	1,064,000	650,000	924,000	4,836,500
FUND 212 Surface Water Maintenance Total		212	1,652,500	1,098,384	1,943,500	2,881,000	2,884,500	2,575,000	2,660,000	12,944,000

Project Name	Project #	Fund	FY25 Adopted	FY25 Revised	FY26 Budget	FY27 Budget	FY28 Budget	FY29 Budget	FY30 Budget	FY2026-30 Total
Surface Water Maintenance Closed Projects			1130000	710000	-	-	-	-	-	-
Total Surface Water Maintenance Projects			3,005,500	2,028,384	2,503,500	3,431,000	4,064,500	3,170,000	3,100,000	16,269,000
				Blue Projects	537,000	414,000	460,500	300,000	311,000	2,022,500
				Gray Projects	885,000	1,900,000	2,540,000	2,220,000	1,865,000	9,410,000
				Green Projects	1,081,500	1,117,000	1,064,000	650,000	924,000	4,836,500
				Total	2,503,500	3,431,000	4,064,500	3,170,000	3,100,000	16,269,000

Surface Water Management CIP Project List

Project Detail

Project Name: STORM SEWER R&R - UMBRELLA

Project Number:

Project Subtype: Field Operations

Fund: 206 – Capital Replacement & Renewal – SWM

Project Manager: Gabe Sohler

Project Status: Candidate

Department/Program: UOPS - Field Ops

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$350,000	\$350,000	\$350,000	\$350,000	\$0	\$1,400,000
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	\$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	\$350,000	\$350,000	\$350,000	\$0	\$1,400,000
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 tasks in this project include the replacement/renewal of existing storm sewer conveyance system assets. Projects proposed for FY26 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$182,030	\$123,789	\$223,000	\$220,000	\$210,000	\$175,000	\$690,000	\$220,000	\$440,000	\$1,735,000
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	\$182,030	\$123,789	\$223,000	\$220,000	\$210,000	\$175,000	\$690,000	\$220,000	\$440,000	\$1,735,000
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:

Vehicle #540 - FO SWM Surface Facility Maintenance - Street Sweeper Replacement Cost \$210,000.00. HGACBuy contract.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$41,014	\$84,613	\$0	\$0	\$0	\$25,000	\$140,000	\$25,000	\$0	\$190,000
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	\$41,014	\$84,613	\$0	\$0	\$0	\$25,000	\$140,000	\$25,000	\$0	\$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:

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$4,389	\$22,000	\$22,000	\$22,000	\$22,000	\$22,000	\$22,000	\$22,000	\$110,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$4,734	\$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	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$15,000
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	\$4,734	\$4,389	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$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:

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: PROGRAMMATIC SUBBASIN & SURFACE WATER PLANNING

Project Number: 7156

Project Subtype: Plans and Studies

Fund: 212 - SWM Projects and Construction

Project Manager: Rich Hunter

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$978	\$1,040	\$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	\$141,932	\$0	\$300,000	\$25,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$142,910	\$1,040	\$300,000	\$25,000	\$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:

This umbrella project includes programmatic development of Sub-Basin and Surface Water Management Planning strategies. This umbrella program will be used to develop plans and studies necessary to develop and maintain the stormwater master plan for the District, identify and develop fee-in-lieu water quality and quantity retrofit projects, and respond to MS4 regulatory requirements with programmatic strategies to provide stream resiliency and mitigation efforts to offset the impacts of development.

Projects planned for FY26 include:

Stormwater master planning studies to evaluate and update the district's stormwater master plan, Healthy Streams Plan

Development of generalized quantification approach for water quality and quantity offsets

Development of a Permit Compliance Tracking Tool - accounting of the creation of credits/debits to hydromod/buffer requirements

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$133,430	\$128,963	\$146,000	\$146,000	\$265,000	\$187,500	\$257,000	\$117,000	\$129,000	\$955,500
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$34,804	\$28,699	\$75,500	\$75,500	\$72,000	\$34,500	\$8,500	\$0	\$0	\$115,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$3,465	\$6,612	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$2,144	\$20,000	\$20,000	\$25,000	\$17,000	\$20,000	\$8,000	\$7,000	\$77,000
Plans and Studies	\$648	\$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	\$172,347	\$166,418	\$241,500	\$241,500	\$362,000	\$239,000	\$285,500	\$125,000	\$136,000	\$1,147,500
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 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 24, there are 27 project sites for a total of 66 acres. Additional sites may be added during the fiscal year. Active projects:

VCEF - Rock Creek Floodplain Enhancement (\$10,000)

VCEF - WTAC Noyes (\$5,000)

VCEF - McKay Creek - Kemmer Meadows 2 (\$10,000)

VCEF - Bronson Creek - OHSU (\$20,000)

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$150,000	\$0	\$200,000
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	\$100,000	\$150,000	\$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. Metal pipe failure between homes.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$200,000	\$0	\$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	\$250,000	\$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 storm water conveyance system crossing SW 185th Ave., near SW Ewen Drive, 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. 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. Manholes will be investigated for structural integrity also. Catch basins 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: 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$300,000	\$400,000
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	\$300,000	\$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 storm water 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. Manholes and inlets will be investigated for structural integrity also. Ductile iron or C900 may be used, if shallow alignment is required.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000	\$50,000	\$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	\$0	\$0	\$25,000	\$150,000	\$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:

The storm water 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 FY21 to confirm the extent of the project which potentially consists of upgrading approximately 150 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. Manholes will be investigated for structural integrity also. Catch basins 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: 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Design and Engineering	\$0	\$0	\$25,000	\$0	\$25,000	\$0	\$0	\$0	\$0	\$25,000
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	\$836	\$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	\$836	\$25,000	\$0	\$225,000	\$0	\$0	\$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:

Reach C, 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 Trib 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 Real time control (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/I&C to the equipment.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75,000	\$75,000	\$150,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000	\$25,000	\$25,000	\$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	\$0	\$10,000	\$100,000	\$100,000	\$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 storm water 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 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. Evaluation needs to be completed in FY21 to confirm the extent of the project which potentially consists of upgrading approximately 250 LF of 12" diameter metal 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. Manholes and inlets will be investigated for structural integrity also.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
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	\$25,000	\$0	\$0	\$25,000	\$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	\$25,000	\$0	\$0	\$25,000	\$100,000	\$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:

Stormwater improvements in the Kingston Terrace and Bull Mt area. These improvements can be associated with the decommissioning the Bull Mt Pump Station, development driven regional stormwater management approaches as well as Beef Bend Rd widening.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$150,000	\$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	\$0	\$25,000	\$650,000	\$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 storm water conveyance system downstream of SW Cedar Hills Blvd, was identified as a high priority project during the annual storm water 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. Manholes and inlets will be investigated for structural integrity also. Catch basins will be replaced as necessary with sumped CBs as well as installation of WQ 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,000	\$25,000	\$375,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$25,000	\$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	\$0	\$50,000	\$375,000	\$25,000	\$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 PACP 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. Manholes will be investigated for structural integrity also. Catch basins 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$250,000	\$0	\$0	\$0	\$250,000
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	\$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 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 severely oxidized (rust) pipe with completely missing pipe bottom and multiple holes that are prone to collapse and infiltration. (PACP rating is 5200) Evaluation needs to be completed to confirm the extent of the project which potentially consists of upgrading approximately 90 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: MEYERS FARM PS WQF PROJECT

Project Number:

Project Subtype: Stormwater Conveyance System

Fund: 212 - SWM Projects and Construction

Project Manager: Rick Shanley

Project Status: Candidate

Department/Program: UOPS - Conveyance Engr

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000	\$0	\$0	\$300,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$25,000	\$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	\$0	\$0	\$0	\$25,000	\$300,000	\$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:

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$200,000	\$0	\$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	\$250,000	\$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 storm water conveyance system on SW Pettygrove St near Terra Linda Elementary School and Park pathway, 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 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 LF of 15" pipe. (PACP 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. Manholes and inlets will be investigated for structural integrity also.

Project Detail

Project Name: ROSA RD AND FARMINGTON 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$450,000	\$0	\$450,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000	\$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	\$0	\$0	\$600,000	\$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:

The storm water conveyance system crossing SW Rosa Road, near SW Farmington Rd, 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 5246) Evaluation needs to be completed to confirm the extent of the project which potentially consists of upgrading approximately 350 LF of 36" 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. Manholes and inlets will be investigated for structural integrity also. This project may be in coordination with Washington County's Road Improvement fund.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000	\$0	\$0	\$400,000
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	\$50,000	\$400,000	\$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 storm water conveyance system on Southwood Drive, near SW 63rd 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 near the connection with ODOT on I5. Pipe assessment video shows multiple holes that are prone to collapse and infiltration. (PACP rating is 5132 & 4B3A) Evaluation needs to be completed to confirm the extent of the project which potentially consists of upgrading approximately 500 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 (CB and MH) need to be evaluated and replacement may be required. A WQMH should be considered near the connection with ODOT system. This project may be in coordination with Clackamas County's Road Improvement fund.

Project Detail

Project Name: STORMWATER CONV REAL TIME CONTROL

Project Number: 6806

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000	\$50,000	\$150,000
Design and Engineering	\$0	\$0	\$25,000	\$28,000	\$0	\$0	\$50,000	\$50,000	\$50,000	\$150,000
Equipment and Materials	\$1,913	\$577	\$0	\$0	\$0	\$0	\$50,000	\$50,000	\$50,000	\$150,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$32,922	\$21,528	\$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	\$25,250	(\$25,250)	\$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	\$60,085	(\$3,145)	\$25,000	\$28,000	\$0	\$0	\$150,000	\$150,000	\$150,000	\$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 is a Placeholder project for the installation of 1 additional surface water Real Time Control (RTC), Continuous Monitoring and Adaptive Control (CMAC) system per year.

This umbrella project includes site evaluation and engineering for the installation of RTC-CMAC monitoring equipment, control structure, valve, actuator and hardware for continuous monitoring and automated control of a surface water facility

Top three potential site for RTC Retrofits of Existing Facilities are: Cruz Ridge #2B Junction ID 165516, Sir Charles Count #1 Junction ID 155432, and Evergreen Terrace, Junction ID 153432.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$100,000
Design and Engineering	\$0	\$0	\$0	\$0	\$25,000	\$10,000	\$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	\$25,000	\$110,000	\$0	\$0	\$0	\$135,000
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 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$200,000	\$200,000	\$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	\$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	\$25,000	\$200,000	\$200,000	\$0	\$0	\$425,000
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 LF of 24" and 30" concrete storm sewer. The project was identified as the highest priority for repair through UOPS High Priority Repair analysis.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$66,912	\$75,000	\$74,384	\$0	\$90,000	\$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	\$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	\$66,912	\$75,000	\$74,384	\$0	\$90,000	\$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:

Project Detail

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$4,365	\$45,059	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Hardware	\$0	\$0	\$100,000	\$5,000	\$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	\$8,500	\$21,710	\$0	\$6,000	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$33,685	\$1,055	\$50,000	\$7,500	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$46,550	\$67,824	\$150,000	\$68,500	\$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:

Part of the cost of this project for FY26 is to maintain our existing Mayfly platform. Also in the upcoming year, we will implement a comprehensive pilot of the Meadow board, a custom-designed solution tailored to our specific needs. Our primary objectives are to enhance security, streamline operations, and facilitate the efficient delivery of telemetry devices throughout Clean Water Services.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,000	\$350,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000	\$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	\$0	\$50,000	\$400,000	\$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:

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: BEAVERTON CREEK - 205TH RESILIENT STREAM CORRIDOR
APPROACH

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$50,000	\$55,000	\$385,000	\$55,000	\$55,000	\$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	\$7,500	\$25,000	\$35,000	\$5,000	\$5,000	\$77,500
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	\$82,500	\$80,000	\$420,000	\$60,000	\$60,000	\$702,500
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 enhance approximately 0.25 miles of streams near the intersection of Beaverton and Bronson Creeks and SW 205th Avenue in Beaverton. The project will manage stormwater runoff, improve habitat and water quality functions, and help address historic impacts of hydromodification to the stream habitat. Potential partners include Washington County Land Use and Transportation. The project team is coordinating with the County's road improvement project at SW 205th Ave to determine potential linkages between the projects. The project will generate an offset for stormwater quantity management that can be linked with fee-in-lieu funds collected from development process.

Project Detail

Project Name: CWS CENTRAL STREAM ENHANCEMENT

Project Number:

Project Subtype: CWS Property Improvements

Fund: 212 - SWM Projects and Construction

Project Manager: Jill Erickson

Project Status: Candidate

Department/Program: NSES

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$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	\$0	\$0	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$0	\$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	\$0	\$0	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$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:

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: BUTTERNUT CREEK NEAR 209TH STORMWATER MANAGEMENT APPROACH

Project Number: 7130

Project Subtype: NSES Enhancement

Fund: 212 - SWM Projects and Construction

Project Manager: Matthew Brennan

Project Status: Open

Department/Program: NSES

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$14,406	\$42,856	\$37,000	\$37,000	\$109,000	\$235,000	\$131,000	\$68,000	\$59,000	\$602,000
Design and Engineering	\$0	\$21,597	\$100,000	\$100,000	\$45,000	\$0	\$0	\$0	\$0	\$45,000
Equipment and Materials	\$27,391	\$36,428	\$16,000	\$16,000	\$18,000	\$30,000	\$30,000	\$15,000	\$15,000	\$108,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$5,213	\$61,157	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$19,147	\$15,959	\$61,000	\$61,000	\$48,000	\$35,000	\$26,000	\$13,000	\$12,000	\$134,000
Plans and Studies	\$0	\$7,709	\$3,000	\$3,000	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$2,081	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$66,157	\$187,787	\$217,000	\$217,000	\$220,000	\$300,000	\$187,000	\$96,000	\$86,000	\$889,000
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 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: 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$13,211	\$230,189	\$50,000	\$50,000	\$61,000	\$60,000	\$60,000	\$50,000	\$0	\$231,000
Design and Engineering	\$0	\$5,637	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$13,015	\$12,540	\$10,000	\$10,000	\$20,000	\$0	\$0	\$0	\$0	\$20,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$16,503	\$32,766	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$15,624	\$12,043	\$6,000	\$6,000	\$8,000	\$6,000	\$6,000	\$5,000	\$0	\$25,000
Plans and Studies	\$8,725	\$990	\$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	\$67,078	\$294,165	\$66,000	\$66,000	\$89,000	\$66,000	\$66,000	\$55,000	\$0	\$276,000
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 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 lineal 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.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$115,926	\$98,626	\$187,000	\$187,000	\$103,000	\$153,000	\$153,000	\$152,000	\$145,000	\$706,000
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment and Materials	\$25,253	\$18,127	\$18,000	\$18,000	\$19,000	\$4,000	\$4,000	\$3,000	\$0	\$30,000
Hardware	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Internal Labor	\$48,244	\$27,312	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land and Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$13,680	\$17,800	\$48,000	\$48,000	\$38,000	\$14,000	\$14,000	\$14,000	\$13,000	\$93,000
Plans and Studies	\$648	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$11,410	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Software	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$203,751	\$173,275	\$253,000	\$253,000	\$160,000	\$171,000	\$171,000	\$169,000	\$158,000	\$829,000
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 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 FY26, there are 2 project sites across 122 acres: Portland Community College - Rock Creek Resilient Stream Corridor enhancement (\$138,000); Butternut Creek at 198th Resilient Stream Corridor enhancement (\$22,800).

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$55,000	\$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	\$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	\$15,000	\$5,000	\$0	\$0	\$0	\$20,000
Plans and Studies	\$0	\$0	\$0	\$100,000	\$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	\$0	\$100,000	\$180,000	\$60,000	\$0	\$0	\$0	\$240,000
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 was 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: 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 Projected
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	\$0	\$0	\$0	\$0	\$0	\$220,000	\$0	\$0	\$0	\$220,000
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	\$20,000	\$0	\$0	\$0	\$20,000
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	\$240,000	\$0	\$0	\$0	\$240,000
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 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: SOUTH BULL MOUNTAIN STORMWATER IMPLEMENTATION PLAN

Project Number:

Project Subtype: Stormwater Conveyance System

Fund: 212 - SWM Projects and Construction

Project Manager: Rich Hunter

Project Status: Candidate

Department/Program: NSES

Expenditure Type Categories	FY 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$15,000	\$15,000	\$0	\$0	\$0	\$30,000
Plans and Studies	\$0	\$0	\$0	\$0	\$165,000	\$165,000	\$0	\$0	\$0	\$330,000
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	\$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 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 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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$0	\$0	\$0	\$0
Plans and Studies	\$0	\$0	\$250,000	\$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	\$250,000	\$0	\$0	\$0	\$200,000	\$200,000	\$200,000	\$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:

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 S Bull Mountain Stormwater Strategy. Potential future project areas include Cooper Mountain, Cedar-Chicken Creek and Waible Creek.

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 2023 Actual	FY 2024 Actual	FY 2025 Budget	FY 2025 Revised	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2026-2030 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	\$150,000	\$0	\$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	\$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:

Subbasin Planning Prioritization and Evaluation Methodology & Accompanying Tool to CIP from RUSD Operating.