

Six Year Comprehensive



Wastewater Program 2014-2019



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UTILITIES DIRECTOR

Rick Romero

WATER DEPARTMENT LEAD

Dan Kegley

INTEGRATED CAPITAL MANAGEMENT

DIRECTOR	Mike Taylor, P.E
PRINCIPAL ENGINEER	Lars Hendron, P.E.
PRINCIPAL ENGINEER (Acting)	Marcia Davis, P.E
SENIOR ENGINEER (Acting)	Mark Papich, P.E.
ENGINEERING TECHNICIAN 1V	Richard McDermott

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WASTEWATER MANAGEMENT DEPARTMENT

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Wastewater Management Department

Department Goals

We believe that clean water is fundamental to life itself. Because of this vision, Wastewater Management will: 1) serve the regional community by protecting public health, property and the environment; 2) provide efficient service, both now and in the future, by utilizing sound financial and natural resource management practices; 3) enlist the support of the public and align our organizational structure for the attainment of this vision; 4) continue to give the customer the best service value in the Pacific Northwest; and 5) recognize that our employees, as members of this community, are the key to success.



Contact Information

Dale Arnold, Director, 625-7901, darnold@spokanecity.org

Name	Title	Telephone	email
Lars Hendron	Principal Engineer	625-7929	lhendron@spokanecity.org
Marcia Davis	Principal Engineer (Acting)	625-6398	mdavis@spokanecity.org
Mark Papich	Senior Engineer (Acting)	625-6310	mpapich@spokanecity.org

Services Provided

The City of Spokane's Wastewater Management (WWM) Department provides sewer collection, wastewater treatment, and stormwater management. The WWM Department is an enterprise fund, which provides goods or services to the public for a fee and makes the entity self-supporting. The department employs over 170 full-time and regular part-time staff, with an annual operating budget of over \$42 million dollars (excluding major capital expenditures).

Background

Sanitary collection system: The City operates and maintains over 470 miles of sanitary sewer lines, 400 miles of "combined" sanitary and storm sewer lines, twenty-eight sewage lift stations and fourteen river crossings. The Sanitary collection system contains projects related to collecting sanitary sewage and conveying it to the Riverside Park Water Reclamation Plant (RPWRP).

Stormwater: The City operates and maintains over 350 miles of storm drain pipes and over 100 stormwater outfalls to the river. Stormwater contains infrastructure projects related to the collection, treatment and disposal of runoff resulting from either rain and/or melted snow.

Combined Sewer Overflow (CSO) Abatement: The City is under a NPDES Permit issued by the Washington State Department of Ecology. This permit requires the City of Spokane to complete improvements by 2017 to the combined sewer system to control the number of overflows that will discharge to the Spokane River from the City's CSO regulator structures. CSO Abatement projects will reduce overflows to the Spokane River from the individual CSO basins to no more than one per year on a 20-year average. Most of these projects include construction of off-line storage tanks for the temporary retention of mixed sanitary sewage and storm water. The City is working diligently to meet a 2017 Department of Ecology NPDES Permit deadline for completion of CSO abatement projects. Design costs include environmental documentation and property acquisition.

Total Maximum Daily Load (TMDL) Compliance: Washington State law requires the City to meet water quality standards of the Spokane River by enhancing treatment of wastewater generated by its wastewater treatment plant (RPWRF). Presently, TMDL requirements for phosphorus and dissolved oxygen are being developed, with other requirements planned for the future. The Spokane River and Lake Spokane do not have enough dissolved oxygen (DO) during the months of March through October to meet current Water Quality Standards (WQS). To comply with WQS, Total Maximum Daily Load (TMDL) requirements need to be met to return the river to a healthy condition. The Department of Ecology has determined the maximum TMDL for nutrients affecting DO in the Spokane River and Lake Spokane. The NPDES permit for the RPWRF was issued on June 23rd 2011 and included the implementation plan needed to meet the TMDL. The new permit will contain more stringent effluent limitations for phosphorus, ammonia and carbonaceous biological oxygen demand and will address reclaimed water use.

Riverside Park Water Reclamation Facility (RPWRF): The City's wastewater treatment plant treats approximately an average of 34 million gallons of wastewater each day. Discharge from the RPWRF into the Spokane River must meet the City's NPDES Permit. Capital projects will improve the City's treatment of wastewater prior to discharge to the Spokane River. The sequence of these projects is intended to allow full operation of the facility during construction. The projects have been organized into "Packages" based on priority of the work, physical sequence, locations and logistics, and to combine work of specialists for design efficiency.

Level of Service Standard

The level of service (LOS) for sanitary sewage processing is 100 gallons per capita per day (GPCD). This means that the city must plan to be able to accommodate 100 gallons of sanitary sewage per day for every person in the service area. Although some citizens may generate less or more sanitary sewage, this is an accepted average that can be used for planning purposes.

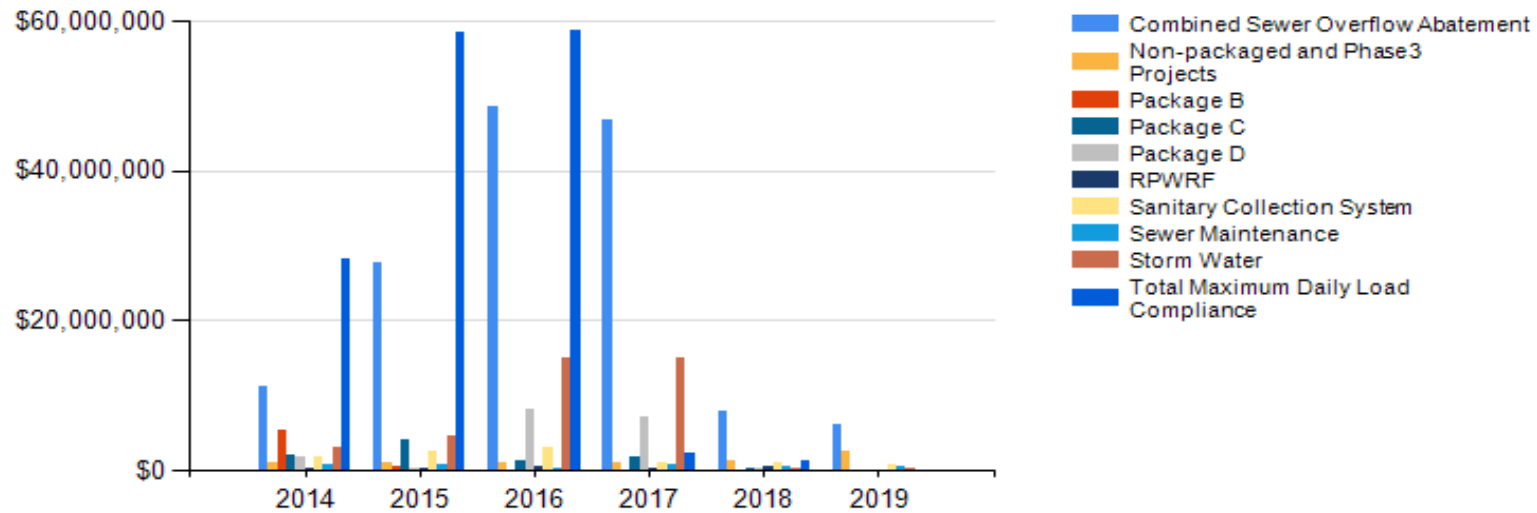
The RPWRF has the capacity to process approximately 44 million gallons per day (MGD) of regionally generated sanitary sewage. Of the 44 MGD, the city has, through interlocal agreements, transferred 10 MGD to Spokane County to serve unincorporated urban areas that are over the aquifer. This leaves the city with control of 34 MGD of RPWRF capacity. Of the 34 MGD, the city has about 2.3 MGD in surplus to serve future population growth. This will accommodate about 23,529 persons. Currently, the RPWRF is processing an average of approximately 34 MGD of regional sanitary sewage. This includes about 9.6 MGD that are associated with variable flow. Variable flow is water that infiltrates or inflows into the system and is not associated with sanitary sewer users. The city continues to make improvements to the sewer collection system to limit the amount of variable flow.

The level of service (LOS) for stormwater is to design public right-of-way for a 10-year rainfall frequency, prevent flooding of property during a 25-yr 24-hour rainfall event, and prevent damage to buildings for a 100-year rainfall event.

Spending by Category Summary

Wastewater Management

Category	2014	2015	2016	2017	2018	2019	Total
Combined Sewer Overflow Abatement	\$11,337,930	\$27,758,673	\$48,421,213	\$46,794,000	\$7,900,000	\$6,100,000	\$148,311,816
Non-packaged and Phase 3 Projects	\$976,000	\$976,000	\$976,000	\$1,164,000	\$1,200,000	\$2,600,000	\$7,892,000
Package B	\$5,321,000	\$456,000	\$0	\$0	\$0	\$0	\$5,777,000
Package C	\$2,000,000	\$4,000,000	\$1,200,000	\$1,700,000	\$100,000	\$0	\$9,000,000
Package D	\$1,890,000	\$33,000	\$8,186,000	\$7,189,000	\$12,000	\$0	\$17,310,000
RPWRF	\$210,000	\$210,000	\$543,000	\$150,000	\$550,000	\$0	\$1,663,000
Sanitary Collection System	\$1,912,000	\$2,629,000	\$3,150,000	\$1,150,000	\$1,050,000	\$750,000	\$10,641,000
Sewer Maintenance	\$700,000	\$850,000	\$350,000	\$800,000	\$600,000	\$650,000	\$3,950,000
Storm Water	\$3,034,300	\$4,644,660	\$15,100,000	\$15,100,000	\$100,000	\$100,000	\$38,078,960
Total Maximum Daily Load Compliance	\$28,160,000	\$58,400,000	\$58,680,000	\$2,300,000	\$1,300,000	\$0	\$148,840,000
Total	\$55,541,230	\$99,957,333	\$136,606,213	\$76,347,000	\$12,812,000	\$10,200,000	\$391,463,776



Funding Summary by Project

Wastewater Management

Combined Sewer Overflow Abatement									
Project Name	Funding Source	To Date	2014	2015	2016	2017	2018	2019	Project Total
CSO Basin 06 Improvements	Enterprise Fund Rates	\$0	\$0	\$0	\$967,800	\$0	\$0	\$0	\$967,800
	PWTF	\$0	\$967,000	\$3,217,000	\$1,508,000	\$0	\$0	\$0	\$5,692,000
	Total	\$0	\$967,000	\$3,217,000	\$2,475,800	\$0	\$0	\$0	\$6,659,800
CSO Basin 12 Improvements	Enterprise Fund Rates	\$0	\$0	\$0	\$361,800	\$4,160,700	\$0	\$0	\$4,522,500
	Total	\$0	\$0	\$0	\$361,800	\$4,160,700	\$0	\$0	\$4,522,500
CSO Basin 20 Improvements	Ecology SRF Loan	\$0	\$2,820,000	\$0	\$0	\$0	\$0	\$0	\$2,820,000
	Total	\$0	\$2,820,000	\$0	\$0	\$0	\$0	\$0	\$2,820,000
CSO Basin 24 Improvements	Enterprise Fund Rates	\$0	\$1,021,700	\$1,021,700	\$11,749,900	\$11,749,900	\$0	\$0	\$25,543,200
	Total	\$0	\$1,021,700	\$1,021,700	\$11,749,900	\$11,749,900	\$0	\$0	\$25,543,200
CSO Basin 24 Small Tanks on High Drive	Enterprise Fund Rates	\$0	\$1,689,600	\$0	\$0	\$0	\$0	\$0	\$1,689,600
	Total	\$0	\$1,689,600	\$0	\$0	\$0	\$0	\$0	\$1,689,600
CSO Basin 26 Improvements	Ecology SRF Loan	\$0	\$1,195,000	\$0	\$0	\$0	\$0	\$0	\$1,195,000
	Enterprise Fund Rates	\$699,815	\$204,630	\$8,047,873	\$8,047,873	\$0	\$0	\$0	\$16,300,376
	Total	\$699,815	\$1,399,630	\$8,047,873	\$8,047,873	\$0	\$0	\$0	\$17,495,376
CSO Basin 33 Improvements	Enterprise Fund Rates	\$0	\$0	\$9,266,100	\$11,759,840	\$7,249,400	\$0	\$0	\$28,275,340
	Total	\$0	\$0	\$9,266,100	\$11,759,840	\$7,249,400	\$0	\$0	\$28,275,340
CSO Basin 34-1 (Playfair) Improvements	Ecology SRF Loan	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000	\$1,000,000
	Total	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000	\$1,000,000
CSO Reduction Plan Update	Enterprise Fund Rates	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
	Total	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
Integrated Plan Basins Improvements	Ecology SRF Loan	\$0	\$550,000	\$650,000	\$650,000	\$3,500,000	\$400,000	\$300,000	\$6,050,000
	Enterprise Fund Rates	\$0	\$2,700,000	\$3,600,000	\$6,600,000	\$13,500,000	\$7,000,000	\$5,300,000	\$38,700,000
	Total	\$0	\$3,250,000	\$4,250,000	\$7,250,000	\$17,000,000	\$7,400,000	\$5,600,000	\$44,750,000
Remaining CSO Basin Flow Control	Enterprise Fund Rates	\$0	\$90,000	\$1,956,000	\$6,776,000	\$6,634,000	\$0	\$0	\$15,456,000
	Total	\$0	\$90,000	\$1,956,000	\$6,776,000	\$6,634,000	\$0	\$0	\$15,456,000
Category Total		\$699,815	\$11,337,930	\$27,758,673	\$48,421,213	\$46,794,000	\$7,900,000	\$6,100,000	\$148,311,816

Non-packaged and Phase 3 Projects									
Project Name	Funding Source	To Date	2014	2015	2016	2017	2018	2019	Project Total
Digester 4 & 5 heating upgrade and Headworks odor control	Enterprise Fund Rates	\$0	\$0	\$0	\$0	\$600,000	\$1,000,000	\$2,400,000	\$4,000,000
	Total	\$0	\$0	\$0	\$0	\$600,000	\$1,000,000	\$2,400,000	\$4,000,000
General Infrastructure Replacements	Enterprise Fund Rates	\$0	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,200,000
	Total	\$0	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,200,000
RPWRF-PMO Administration and Management	Enterprise Fund Rates	\$2,199,000	\$776,000	\$776,000	\$776,000	\$364,000	\$0	\$0	\$2,692,000
	Total	\$2,199,000	\$776,000	\$776,000	\$776,000	\$364,000	\$0	\$0	\$2,692,000
Category Total		\$2,199,000	\$976,000	\$976,000	\$976,000	\$1,164,000	\$1,200,000	\$2,600,000	\$7,892,000
Package B									
Project Name	Funding Source	To Date	2014	2015	2016	2017	2018	2019	Project Total
1. Plant Standby Power Upgrade	Enterprise Fund Rates	\$452,000	\$824,000	\$71,000	\$0	\$0	\$0	\$0	\$895,000
	Total	\$452,000	\$824,000	\$71,000	\$0	\$0	\$0	\$0	\$895,000
3. Digester Gas Compressor Room	Enterprise Fund Rates	\$1,197,000	\$2,182,000	\$187,000	\$0	\$0	\$0	\$0	\$2,369,000
	Total	\$1,197,000	\$2,182,000	\$187,000	\$0	\$0	\$0	\$0	\$2,369,000
6. Gravity Belt Thickeners 5&6	Enterprise Fund Rates	\$863,000	\$1,574,000	\$135,000	\$0	\$0	\$0	\$0	\$1,709,000
	Total	\$863,000	\$1,574,000	\$135,000	\$0	\$0	\$0	\$0	\$1,709,000
Disinfection Building heating improvements	Enterprise Fund Rates	\$0	\$248,000	\$21,000	\$0	\$0	\$0	\$0	\$269,000
	Total	\$0	\$248,000	\$21,000	\$0	\$0	\$0	\$0	\$269,000
Lubricant and oil storage and stormwater piping upgrades	Enterprise Fund Rates	\$0	\$493,000	\$42,000	\$0	\$0	\$0	\$0	\$535,000
	Total	\$0	\$493,000	\$42,000	\$0	\$0	\$0	\$0	\$535,000
Category Total		\$2,512,000	\$5,321,000	\$456,000	\$0	\$0	\$0	\$0	\$5,777,000
Package C									
Project Name	Funding Source	To Date	2014	2015	2016	2017	2018	2019	Project Total
Digester Facility #3 & Modifications to #4,#5	Enterprise Fund Rates	\$2,388,000	\$2,000,000	\$4,000,000	\$1,200,000	\$1,700,000	\$100,000	\$0	\$9,000,000
	Total	\$2,388,000	\$2,000,000	\$4,000,000	\$1,200,000	\$1,700,000	\$100,000	\$0	\$9,000,000
Category Total		\$2,388,000	\$2,000,000	\$4,000,000	\$1,200,000	\$1,700,000	\$100,000	\$0	\$9,000,000

Package D									
Project Name	Funding Source	To Date	2014	2015	2016	2017	2018	2019	Project Total
CEPT/HW Odor Control/Chemical Storage Facility	Enterprise Fund Rates	\$0	\$853,000	\$15,000	\$3,694,000	\$3,244,000	\$5,000	\$0	\$7,811,000
	Total	\$0	\$853,000	\$15,000	\$3,694,000	\$3,244,000	\$5,000	\$0	\$7,811,000
Primary Clarifier No. 5	Enterprise Fund Rates	\$0	\$751,000	\$13,000	\$3,252,000	\$2,856,000	\$5,000	\$0	\$6,877,000
	Total	\$0	\$751,000	\$13,000	\$3,252,000	\$2,856,000	\$5,000	\$0	\$6,877,000
Solids Recycle Pump Station	Enterprise Fund Rates	\$0	\$286,000	\$5,000	\$1,240,000	\$1,089,000	\$2,000	\$0	\$2,622,000
	Total	\$0	\$286,000	\$5,000	\$1,240,000	\$1,089,000	\$2,000	\$0	\$2,622,000
Category Total		\$0	\$1,890,000	\$33,000	\$8,186,000	\$7,189,000	\$12,000	\$0	\$17,310,000
RPWRF									
Project Name	Funding Source	To Date	2014	2015	2016	2017	2018	2019	Project Total
Anoxic Mixing Blades and Pumps Replacement	Enterprise Fund Rates	\$0	\$0	\$0	\$100,000	\$0	\$100,000	\$0	\$200,000
	Total	\$0	\$0	\$0	\$100,000	\$0	\$100,000	\$0	\$200,000
BioSolids Equipment Replacement	Enterprise Fund Rates	\$0	\$150,000	\$150,000	\$255,000	\$150,000	\$450,000	\$0	\$1,155,000
	Total	\$0	\$150,000	\$150,000	\$255,000	\$150,000	\$450,000	\$0	\$1,155,000
CSO Van Replacement	Enterprise Fund Rates	\$0	\$0	\$0	\$60,000	\$0	\$0	\$0	\$60,000
	Total	\$0	\$0	\$0	\$60,000	\$0	\$0	\$0	\$60,000
Major Lab Equipment Replacement	Enterprise Fund Rates	\$0	\$0	\$60,000	\$68,000	\$0	\$0	\$0	\$128,000
	Total	\$0	\$0	\$60,000	\$68,000	\$0	\$0	\$0	\$128,000
Serpentex Biosolids Conveyor Rebuild	Enterprise Fund Rates	\$0	\$60,000	\$0	\$60,000	\$0	\$0	\$0	\$120,000
	Total	\$0	\$60,000	\$0	\$60,000	\$0	\$0	\$0	\$120,000
Category Total		\$0	\$210,000	\$210,000	\$543,000	\$150,000	\$550,000	\$0	\$1,663,000
Sanitary Collection System									
Project Name	Funding Source	To Date	2014	2015	2016	2017	2018	2019	Project Total
City Wide On- Going Cure In Place Pipe (CIPP) Project	Enterprise Fund Rates	\$0	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,800,000
	Total	\$0	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,800,000
Collection System General Infrastructure Replacement	Enterprise Fund Rates	\$0	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,200,000
	Total	\$0	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,200,000

Sanitary Collection System									
Project Name	Funding Source	To Date	2014	2015	2016	2017	2018	2019	Project Total
Force Main Replacement	Enterprise Fund Rates	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000
	Total	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000
High Drive Sewer Pre-Design	Enterprise Fund Rates	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
	Total	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
Infrastructure Upgrade - Public	Enterprise Fund Rates	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000
	Total	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000
Joint City-County Marion Haye Intertie	Enterprise Fund Rates	\$0	\$0	\$1,079,000	\$0	\$0	\$0	\$0	\$1,079,000
	Total	\$0	\$0	\$1,079,000	\$0	\$0	\$0	\$0	\$1,079,000
Large Line H2S Rehabilitation	Enterprise Fund Rates	\$0	\$500,000	\$500,000	\$500,000	\$300,000	\$200,000	\$200,000	\$2,200,000
	Total	\$0	\$500,000	\$500,000	\$500,000	\$300,000	\$200,000	\$200,000	\$2,200,000
Lift Station Repair and Upgrade	Enterprise Fund Rates	\$0	\$312,000	\$0	\$0	\$0	\$0	\$0	\$312,000
	Total	\$0	\$312,000	\$0	\$0	\$0	\$0	\$0	\$312,000
Post Street Bridge Rehabilitation	Enterprise Fund Rates	\$0	\$0	\$200,000	\$1,800,000	\$0	\$0	\$0	\$2,000,000
	Total	\$0	\$0	\$200,000	\$1,800,000	\$0	\$0	\$0	\$2,000,000
Rehabilitation Projects	Enterprise Fund Rates	\$0	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$0	\$1,250,000
	Total	\$0	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$0	\$1,250,000
STEP Projects	Enterprise Fund Rates	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$0	\$250,000
	Total	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$0	\$250,000
Category Total		\$0	\$1,912,000	\$2,629,000	\$3,150,000	\$1,150,000	\$1,050,000	\$750,000	\$10,641,000
Sewer Maintenance									
Project Name	Funding Source	To Date	2014	2015	2016	2017	2018	2019	Project Total
Short Line Service Truck 2017	Enterprise Fund Rates	\$0	\$0	\$0	\$0	\$150,000	\$0	\$0	\$150,000
	Total	\$0	\$0	\$0	\$0	\$150,000	\$0	\$0	\$150,000
10 Yard Dump Truck 2014	Enterprise Fund Rates	\$0	\$225,000	\$0	\$0	\$0	\$0	\$0	\$225,000
	Total	\$0	\$225,000	\$0	\$0	\$0	\$0	\$0	\$225,000
Catch Basin Truck 2014	Enterprise Fund Rates	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000
	Enterprise Fund Rates	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000
	Total	\$0	\$400,000	\$0	\$0	\$0	\$0	\$0	\$400,000

Sewer Maintenance									
Project Name	Funding Source	To Date	2014	2015	2016	2017	2018	2019	Project Total
Catch Basin Truck 2015	Enterprise Fund Rates	\$0	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000
	Total	\$0	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Closed Circuit Television Inspection 2017	Enterprise Fund Rates	\$0	\$0	\$0	\$0	\$200,000	\$0	\$0	\$200,000
	Total	\$0	\$0	\$0	\$0	\$200,000	\$0	\$0	\$200,000
Closed Circuit Television Inspection Truck 2016	Enterprise Fund Rates	\$0	\$0	\$0	\$200,000	\$0	\$0	\$0	\$200,000
	Total	\$0	\$0	\$0	\$200,000	\$0	\$0	\$0	\$200,000
Closed Circuit Television Inspection Truck 2018	Enterprise Fund Rates	\$0	\$0	\$0	\$0	\$0	\$200,000	\$0	\$200,000
	Total	\$0	\$0	\$0	\$0	\$0	\$200,000	\$0	\$200,000
Closed Circuit Television Inspection Truck 2015	Enterprise Fund Rates	\$0	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000
	Total	\$0	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Combination Sewer Cleaners	Enterprise Fund Rates	\$0	\$0	\$0	\$0	\$0	\$0	\$650,000	\$650,000
	Total	\$0	\$0	\$0	\$0	\$0	\$0	\$650,000	\$650,000
Heavy Construction Equipment 2015	Enterprise Fund Rates	\$0	\$0	\$300,000	\$0	\$0	\$0	\$0	\$300,000
	Total	\$0	\$0	\$300,000	\$0	\$0	\$0	\$0	\$300,000
Heavy Construction Equipment 2017	Enterprise Fund Rates	\$0	\$0	\$0	\$0	\$300,000	\$0	\$0	\$300,000
	Total	\$0	\$0	\$0	\$0	\$300,000	\$0	\$0	\$300,000
Jet Rodder 2018	Enterprise Fund Rates	\$0	\$0	\$0	\$0	\$0	\$200,000	\$0	\$200,000
	Total	\$0	\$0	\$0	\$0	\$0	\$200,000	\$0	\$200,000
Mechanical Sewer Rodder 2015	Enterprise Fund Rates	\$0	\$0	\$150,000	\$0	\$0	\$0	\$0	\$150,000
	Total	\$0	\$0	\$150,000	\$0	\$0	\$0	\$0	\$150,000
North Side Service Truck 2017	Enterprise Fund Rates	\$0	\$0	\$0	\$0	\$150,000	\$0	\$0	\$150,000
	Total	\$0	\$0	\$0	\$0	\$150,000	\$0	\$0	\$150,000
One Ton Dump Truck 2014	Enterprise Fund Rates	\$0	\$75,000	\$0	\$0	\$0	\$0	\$0	\$75,000
	Total	\$0	\$75,000	\$0	\$0	\$0	\$0	\$0	\$75,000
Pumper/Tank Truck 2016	Enterprise Fund Rates	\$0	\$0	\$0	\$150,000	\$0	\$0	\$0	\$150,000
	Total	\$0	\$0	\$0	\$150,000	\$0	\$0	\$0	\$150,000

Sewer Maintenance									
Project Name	Funding Source	To Date	2014	2015	2016	2017	2018	2019	Project Total
Pumper/Tank Truck 2018	Enterprise Fund Rates	\$0	\$0	\$0	\$0	\$0	\$200,000	\$0	\$200,000
	Total	\$0	\$0	\$0	\$0	\$0	\$200,000	\$0	\$200,000
Category Total		\$0	\$700,000	\$850,000	\$350,000	\$800,000	\$600,000	\$650,000	\$3,950,000
Storm Water									
Project Name	Funding Source	To Date	2014	2015	2016	2017	2018	2019	Project Total
37th Avenue Stormwater Upsizing	Enterprise Fund Rates	\$0	\$20,000	\$230,000	\$0	\$0	\$0	\$0	\$250,000
	Total	\$0	\$20,000	\$230,000	\$0	\$0	\$0	\$0	\$250,000
Bio-Infiltration System Rehabilitation	Enterprise Fund Rates	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
	Total	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
Cochran Basin Stormwater Improvements	Ecology SRF Loan	\$6,000,000	\$2,000,000	\$3,000,000	\$1,000,000	\$0	\$0	\$0	\$6,000,000
	Enterprise Fund Rates	\$0	\$0	\$0	\$14,000,000	\$15,000,000	\$0	\$0	\$29,000,000
	Total	\$6,000,000	\$2,000,000	\$3,000,000	\$15,000,000	\$15,000,000	\$0	\$0	\$35,000,000
Hazel's Creek Downstream	Ecology SRF Loan	\$0	\$114,300	\$1,314,660	\$0	\$0	\$0	\$0	\$1,428,960
	Total	\$0	\$114,300	\$1,314,660	\$0	\$0	\$0	\$0	\$1,428,960
High Drive Stormwater Improvements	Enterprise Fund Rates	\$0	\$800,000	\$0	\$0	\$0	\$0	\$0	\$800,000
	Total	\$0	\$800,000	\$0	\$0	\$0	\$0	\$0	\$800,000
Category Total		\$6,000,000	\$3,034,300	\$4,644,660	\$15,100,000	\$15,100,000	\$100,000	\$100,000	\$38,078,960
Total Maximum Daily Load Compliance									
Project Name	Funding Source	To Date	2014	2015	2016	2017	2018	2019	Project Total
Next Level of Treatment Implementation	Enterprise Fund Rates	\$0	\$28,160,000	\$58,400,000	\$58,400,000	\$2,000,000	\$0	\$0	\$146,960,000
	Total	\$0	\$28,160,000	\$58,400,000	\$58,400,000	\$2,000,000	\$0	\$0	\$146,960,000
Reclaimed Water Distribution Projects	Enterprise Fund Rates	\$0	\$0	\$0	\$280,000	\$300,000	\$1,300,000	\$0	\$1,880,000
	Total	\$0	\$0	\$0	\$280,000	\$300,000	\$1,300,000	\$0	\$1,880,000
Department Total		\$13,798,815	\$55,541,230	\$99,957,333	\$136,606,213	\$76,347,000	\$12,812,000	\$10,200,000	\$391,463,776

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Wastewater Management Department Project Reports

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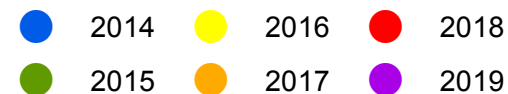
1 Water Reclamation Facility

WWM-2012-106
WWM-2012-112
WWM-2012-116
WWM-2012-119
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WWM-2012-129
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WWM-2012-134
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WWM-2012-400
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WWM-2012-445
WWM-2013-122
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2 WWM Main Office

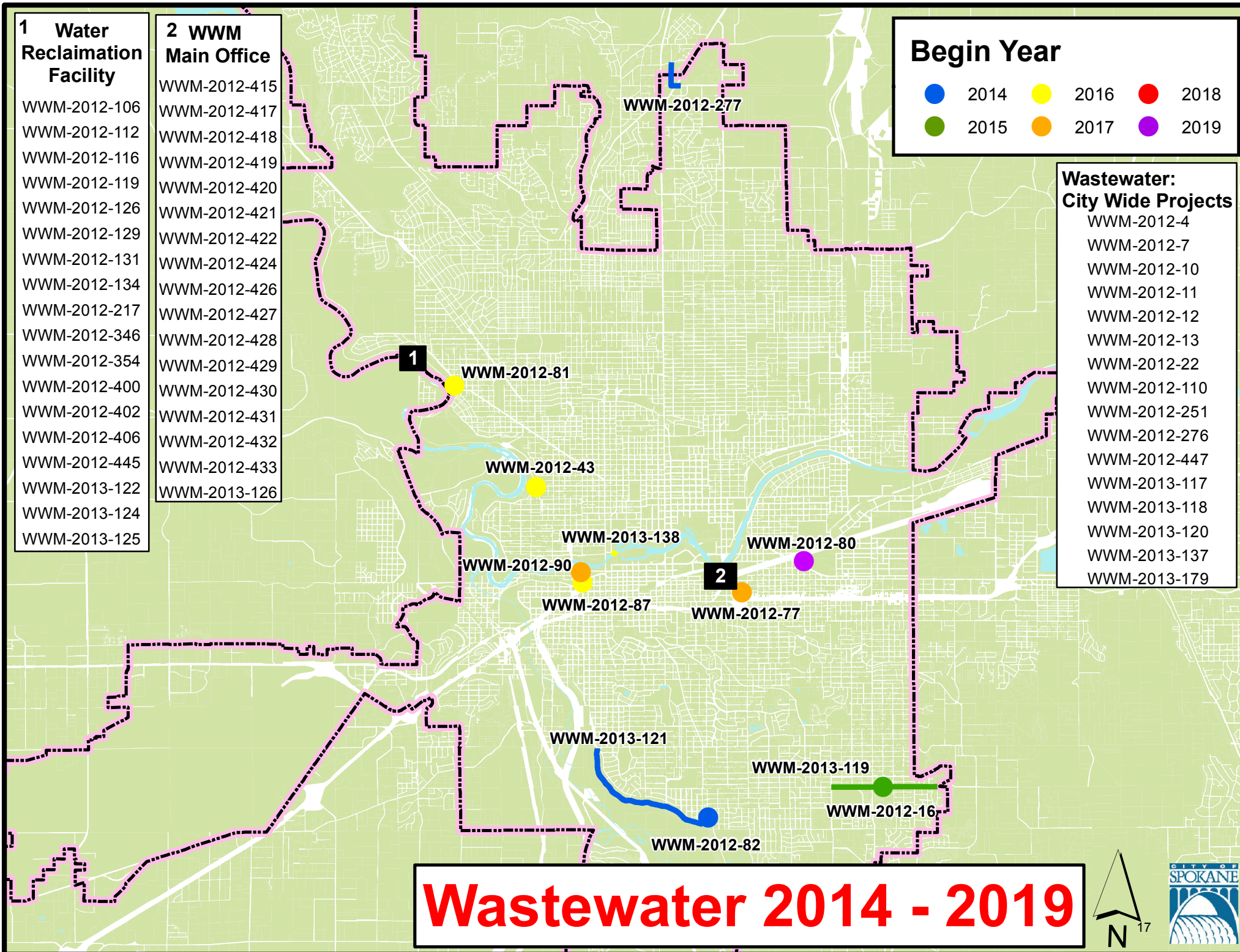
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Begin Year



Wastewater: City Wide Projects

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WWM-2012-12
WWM-2012-13
WWM-2012-22
WWM-2012-110
WWM-2012-251
WWM-2012-276
WWM-2012-447
WWM-2013-117
WWM-2013-118
WWM-2013-120
WWM-2013-137
WWM-2013-179



Wastewater 2014 - 2019



CSO Basin 06 Improvements

WWM-2012-81

Executive Summary:

After evaluation of CSO as part of the Integrated Plan, a below ground storage and/or separated stormwater facilities such as dry wells and swales will be constructed.

Project Justification:

The purpose of this project is to meet Ecology regulations to reduce the discharge of untreated sewage to the Spokane River to one discharge per year using a 20 year moving average. To meet this regulation, flow stormwater peak combined sewage flows will be stored and gradually sent to the RPWRF. Separation and infiltration of stormwater is possible for CSO Basin 6 because of ground infiltration and distance to the Aquifer.

Location:

Other Location

Northwest Boulevard and Kiernan Street.

Project Status:

Active

Pre-design is complete for an underground storage tank. CSO Basin is one the Next Four projects identified as part of the Clean Water Integrated Plan.

External Factors:

CSO Basin 6 has one of the six largest discharges by volume to the Spokane River and is being prioritized in the Integrated Plan. Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

CSO Basin 06 Improvements

WWM-2012-81

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$0	\$0	\$2,155,390	\$3,856,520	\$0	\$0	\$0	\$6,011,910	\$6,011,910
Design	\$0	\$647,890	\$0	\$0	\$0	\$0	\$0	\$647,890	\$647,890
Total	\$0	\$647,890	\$2,155,390	\$3,856,520	\$0	\$0	\$0	\$6,659,800	\$6,659,800

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$0	\$0	\$967,800	\$0	\$0	\$0	\$967,800
PWTF	State	Identified	\$0	\$967,000	\$3,217,000	\$1,508,000	\$0	\$0	\$0	\$5,692,000
Total			\$0	\$967,000	\$3,217,000	\$2,475,800	\$0	\$0	\$0	\$6,659,800

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

CSO Basin 12 Improvements

WWM-2012-43

Executive Summary:

Design and construction storage facility for CSO Basin 12.

Project Justification:

The purpose of this project is to meet Ecology regulations to reduce the discharge of untreated sewage to the Spokane River to one discharge per year using a 20 year moving average. To meet this regulation, flow stormwater peak combined sewage flows will be stored and gradually sent to the RPWRF. Separation and infiltration of stormwater is possible for CSO Basin 12 because of ground infiltration and distance to the Aquifer.

Location:

Other Location

Pettet Avenue and Nora Avenue

Project Status:

Active

Pre-design is underway. Design is anticipated to begin in 2017.

External Factors:

CSO Basin 12 has one of the six largest discharges by volume to the Spokane River and is being prioritized in the Integrated Plan. Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

CSO Basin 12 Improvements

WWM-2012-43

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$0	\$0	\$0	\$4,160,700	\$0	\$0	\$0	\$4,160,700	\$4,160,700
Design	\$0	\$0	\$361,800	\$0	\$0	\$0	\$0	\$361,800	\$361,800
Total	\$0	\$0	\$361,800	\$4,160,700	\$0	\$0	\$0	\$4,522,500	\$4,522,500

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$0	\$0	\$361,800	\$4,160,700	\$0	\$0	\$4,522,500
Total			\$0	\$0	\$0	\$361,800	\$4,160,700	\$0	\$0	\$4,522,500

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

CSO Basin 20 Improvements

WWM-2012-82

Executive Summary:

Design and construction of a storage facility for CSO Basin 20.

Project Justification:

This project will design and construct a CSO storage facility near Scott Street and 43rd Avenue to meet Department of Ecology regulations. Major features of the facility include installation of flow controls; self cleaning flush mechanisms; a new regulator and remote sensors. The purpose of this project is to meet Ecology regulations to reduce the discharge of untreated sewage to the eliminating the existing outfall to Latah Creek.

Location:

Other Location

Garfield Street and 43rd Avenue

Project Status:

Active

Pre-design work is underway.

External Factors:

The outfall of CSO Basin 20 will be removed and combined sewage sent to CSO Basin 24. Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

CSO Basin 20 Improvements

WWM-2012-82

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$0	\$2,820,000	\$0	\$0	\$0	\$0	\$0	\$2,820,000	\$2,820,000
Total	\$0	\$2,820,000	\$0	\$0	\$0	\$0	\$0	\$2,820,000	\$2,820,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Ecology SRF Loan	State	Identified	\$0	\$2,820,000	\$0	\$0	\$0	\$0	\$0	\$2,820,000
Total			\$0	\$2,820,000	\$0	\$0	\$0	\$0	\$0	\$2,820,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

CSO Basin 24 Improvements

WWM-2012-90

Executive Summary:

Design and construct a storage facility for CSO Basin 24.

Project Justification:

This project will identify, design and construct a storage facility for CSO Basin 24 and 25 to meet Department of Ecology regulations. This facility will be located in the downtown area. The purpose of this project is to meet Ecology to reduce the discharge of untreated sewage to the Spokane River by storing peak combined sewage flows while more intensively managing flow rates to the RPWRF.

Location:

Other Location

Glover Field

Project Status:

Active

Pre-design is underway. Design is anticipated to begin in 2016.

External Factors:

Storage will be constructed in coordination with CSO Basin 26. Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

CSO Basin 24 Improvements

WWM-2012-90

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$0	\$0	\$0	\$11,749,900	\$11,749,900	\$0	\$0	\$23,499,800	\$23,499,800
Design	\$0	\$1,021,700	\$1,021,700	\$0	\$0	\$0	\$0	\$2,043,400	\$2,043,400
Total	\$0	\$1,021,700	\$1,021,700	\$11,749,900	\$11,749,900	\$0	\$0	\$25,543,200	\$25,543,200

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$1,021,700	\$1,021,700	\$11,749,900	\$11,749,900	\$0	\$0	\$25,543,200
Total			\$0	\$1,021,700	\$1,021,700	\$11,749,900	\$11,749,900	\$0	\$0	\$25,543,200

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

CSO Basin 24 Small Tanks on High Drive

WWM-2013-117

Executive Summary:

Construct 5 small combined sewer overflow tanks to reduce untreated discharge to the Spokane River.

Project Justification:

These are 5 sub-basins within CSO Basin 24 that are directly connected to the South Manito Combined Relief Sewer. The Manito Combined Relief Sewer also serves CSO Basin 20. Model Analysis indicated that during wet weather loads, the upper and Manito trunks would become surcharged. The 5 small tanks will mitigate that surcharging and prevent overflows to the Spokane River.

Location:

Other Location

High Drive between 37th and Hatch.

Project Status:

Active

The project is currently in design.

External Factors:

Construction on High Drive during 2014. Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

CSO Basin 24 Small Tanks on High Drive

WWM-2013-117

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$0	\$1,689,600	\$0	\$0	\$0	\$0	\$0	\$1,689,600	\$1,689,600
Total	\$0	\$1,689,600	\$0	\$0	\$0	\$0	\$0	\$1,689,600	\$1,689,600

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						Total
				2014	2015	2016	2017	2018	2019	
Enterprise Fund Rates	Local	Identified	\$0	\$1,689,600	\$0	\$0	\$0	\$0	\$0	\$1,689,600
Total			\$0	\$1,689,600	\$0	\$0	\$0	\$0	\$0	\$1,689,600

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

CSO Basin 26 Improvements

WWM-2012-87

Executive Summary:

Design and construction a storage facility for CSO Basin 26 as part of the BIG 3.

Project Justification:

This project will design and construct the primary storage facility for CSO Basin 26 to meet Department of Ecology regulations. The purpose of this project is to meet Ecology regulations to reduce the discharge of untreated sewage to the Spokane River by storing peak combined sewage flows while more intensively managing flow rates to the RPWRF.

Location:

Other Location

Glover Field

Project Status:

Active

Design on the project is in progress.

External Factors:

CSO Basin 26 construction needs to be coordinated with CSO Basin 24. Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

CSO Basin 26 Improvements

WWM-2012-87

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$0	\$0	\$8,047,873	\$8,047,873	\$0	\$0	\$0	\$16,095,746	\$16,095,746
Design	\$699,815	\$1,399,630	\$0	\$0	\$0	\$0	\$0	\$1,399,630	\$2,099,445
Total	\$699,815	\$1,399,630	\$8,047,873	\$8,047,873	\$0	\$0	\$0	\$17,495,376	\$18,195,191

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Ecology SRF Loan	State	Awarded	\$0	\$1,195,000	\$0	\$0	\$0	\$0	\$0	\$1,195,000
Enterprise Fund Rates	Local	Identified	\$699,815	\$204,630	\$8,047,873	\$8,047,873	\$0	\$0	\$0	\$17,000,191
Total			\$699,815	\$1,399,630	\$8,047,873	\$8,047,873	\$0	\$0	\$0	\$18,195,191

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

CSO Basin 33 Improvements

WWM-2012-77

Executive Summary:

Design and construct storage for CSO Basin 33.

Project Justification:

The purpose of this project is to meet Ecology regulations to reduce the discharge of untreated sewage to the Spokane River to one discharge per year using a 20 year moving average. To meet this regulation, flow stormwater peak combined sewage flows will be stored and gradually sent to the RPWRF.

Location:

Other Location

Near 2nd Avenue and Perry Street

Project Status:

Active

Construction is scheduled to begin in 2017.

External Factors:

CSO Basin 33 has one of the six largest discharges by volume to the Spokane River and is being prioritized in the Integrated Plan. Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

CSO Basin 33 Improvements

WWM-2012-77

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$0	\$0	\$9,266,100	\$11,759,840	\$7,249,400	\$0	\$0	\$28,275,340	\$28,275,340
Total	\$0	\$0	\$9,266,100	\$11,759,840	\$7,249,400	\$0	\$0	\$28,275,340	\$28,275,340

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$0	\$9,266,100	\$11,759,840	\$7,249,400	\$0	\$0	\$28,275,340
Total			\$0	\$0	\$9,266,100	\$11,759,840	\$7,249,400	\$0	\$0	\$28,275,340

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

CSO Basin 34-1 (Playfair) Improvements

WWM-2012-80

Executive Summary:

This project will monitor and evaluate future storage or infiltration to meet regulations. After construction of CSO 34-2 and CSO 34-3, the overflows from CSO Basin 34 will be monitored and evaluated to determine facilities that will be needed.

Project Justification:

The purpose of this project is to meet Ecology regulations to reduce the discharge of untreated sewage to the Spokane River to one overflow per year using a 20 year moving average.

Location:

Other Location

Playfair

Project Status:

Active

This project will follow construction of CSO 34-2 and CSO 34-3

External Factors:

Pending construction and operation of CSO 34-2 and CSO 34-3. Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

CSO Basin 34-1 (Playfair) Improvements

WWM-2012-80

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Planning	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000	\$1,000,000	\$1,000,000
Total	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000	\$1,000,000	\$1,000,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Ecology SRF Loan	Local	Awarded	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000	\$1,000,000
Total			\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000	\$1,000,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

CSO Reduction Plan Update

WWM-2012-251

Executive Summary:

The CSO Reduction Plan will be updated as part of the Integrated Strategy

Project Justification:

The City's Combined Sewer Overflow (CSO) Reduction Plan is updated every five years. The 2005 update was achieved as an amendment based on memorandums prepared by City staff and the PMO. The 2005 update was approved by Ecology. The next update is scheduled after the NPDES permit is renewed.

Location:

Other Location

City wide

Project Status:

Active

Planned as part of the Integrated Strategy

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

CSO Reduction Plan Update

WWM-2012-251

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Planning	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000
Total	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
Total			\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Integrated Plan Basins Improvements

WWM-2013-120

Executive Summary:

Integrated planning will evaluate areas throughout the City where funds can be maximized to solve multiple problems (i.e. stormwater, streets and water instead of solely stormwater).

Project Justification:

This project will remove untreated discharges to the Spokane River and make much needed infrastructure improvements throughout the City.

Location:

Other Location

City wide

Project Status:

Active

This project is currently in the planning stages.

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Integrated Plan Basins Improvements

WWM-2013-120

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$0	\$2,700,000	\$3,600,000	\$6,600,000	\$13,500,000	\$7,000,000	\$5,300,000	\$38,700,000	\$38,700,000
Design	\$0	\$550,000	\$650,000	\$650,000	\$3,500,000	\$400,000	\$300,000	\$6,050,000	\$6,050,000
Total	\$0	\$3,250,000	\$4,250,000	\$7,250,000	\$17,000,000	\$7,400,000	\$5,600,000	\$44,750,000	\$44,750,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Ecology SRF Loan	State	Awarded	\$0	\$550,000	\$650,000	\$650,000	\$3,500,000	\$400,000	\$300,000	\$6,050,000
Enterprise Fund Rates	Local	Identified	\$0	\$2,700,000	\$3,600,000	\$6,600,000	\$13,500,000	\$7,000,000	\$5,300,000	\$38,700,000
Total			\$0	\$3,250,000	\$4,250,000	\$7,250,000	\$17,000,000	\$7,400,000	\$5,600,000	\$44,750,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Remaining CSO Basin Flow Control

WWM-2013-179

Executive Summary:

Design and construct flow control facilities for CSO Basins 07,14,15,23, and 41.

Project Justification:

This project will identify, design and construct facilities to control flow to the Spokane River for the smaller CSO Basins. The facilities will meet the Department of Ecology regulations to reduce the discharge of untreated sewage to the Spokane River.

Location:

Other Location

CSO Basin 07, CSO Basin 14-15, CSO Basin 23, CSO Basin 41

Project Status:

Active

The method to control overflows to the Spokane River will be determined as part of the Integrated Plan, scheduled for completion by December 31, 2013.

External Factors:

Completion of the Clean Water Integrated Plan. Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Remaining CSO Basin Flow Control

WWM-2013-179

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$0	\$0	\$1,370,000	\$6,098,000	\$6,634,000	\$0	\$0	\$14,102,000	\$14,102,000
Design	\$0	\$90,000	\$586,000	\$678,000	\$0	\$0	\$0	\$1,354,000	\$1,354,000
Total	\$0	\$90,000	\$1,956,000	\$6,776,000	\$6,634,000	\$0	\$0	\$15,456,000	\$15,456,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$90,000	\$1,956,000	\$6,776,000	\$6,634,000	\$0	\$0	\$15,456,000
Total			\$0	\$90,000	\$1,956,000	\$6,776,000	\$6,634,000	\$0	\$0	\$15,456,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Digester 4 & 5 heating upgrade and Headworks odor control

WWM-2013-125

Executive Summary:

This project provides a closed-loop primary heating system for the egg-shaped digesters.

Project Justification:

Steam lances are currently used for heating the contents of the egg-shaped digesters. The steam is injected directly into the sludge, which is effective but less energy-efficient than closed-loop systems. This project will install a closed-loop system for heating the solids before they enter the digesters. Operating a closed-loop heated feed system provides greater operational flexibility for the digesters and extends the service life of the steam generation equipment. Installing this system retains the steam lances to serve as a secondary heating system, which increases reliability.

Location:

Other Location

RPWRF

Project Status:

Active

Design will begin in 2017

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Digester 4 & 5 heating upgrade and Headworks odor control

WWM-2013-125

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$0	\$0	\$0	\$0	\$0	\$1,000,000	\$2,400,000	\$3,400,000	\$3,400,000
Design	\$0	\$0	\$0	\$0	\$600,000	\$0	\$0	\$600,000	\$600,000
Total	\$0	\$0	\$0	\$0	\$600,000	\$1,000,000	\$2,400,000	\$4,000,000	\$4,000,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$0	\$0	\$0	\$600,000	\$1,000,000	\$2,400,000	\$4,000,000
Total			\$0	\$0	\$0	\$0	\$600,000	\$1,000,000	\$2,400,000	\$4,000,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

General Infrastructure Replacements

WWM-2012-445

Executive Summary:

This program provides funding to perform general infrastructure replacements that are not identified in the Six Year Sewer Construction Plan.

Project Justification:

The project is necessary to enable Waste Water to react to minor infrastructure needs as they arise.

Location:

Other Location

Riverside Park Water Reclamation Facility

Project Status:

Active

On-going

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

General Infrastructure Replacements

WWM-2012-445

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Purchases	\$0	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,200,000	\$1,200,000
Total	\$0	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,200,000	\$1,200,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	State	Encumbered	\$0	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,200,000
Total			\$0	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,200,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

RPWRF-PMO Administration and Management

WWM-2012-134

Executive Summary:

PMO planning efforts guide the implementation of the facility improvements.

Project Justification:

PMO planning efforts guide the implementation of the facility improvements including odor control, permitting, aesthetics, treatment processes, and plant-wide infrastructure. 'PMO' stands for Project Management Office, and it includes program administration, management, and planning for Water Quality Improvement Program upgrades at the City's Riverside Park Water Reclamation Facility (RPWRF). In addition to capital project implementation, process consulting and plant engineering, the PMO provides planning, organization, scheduling, budgeting, staffing, accounting, invoicing, documentation, record retention, status reporting, office management and, when requested, public outreach for all the improvements and upgrades at the RPWRF. Included in their activities are sub consultant administration and management as well as construction administration and management, including safety management.

Location:

Other Location

RPWRF 4401 N. A.L. White Parkway

Project Status:

Active

This is an ongoing project.

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

RPWRF-PMO Administration and Management

WWM-2012-134

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$2,199,000	\$776,000	\$776,000	\$776,000	\$364,000	\$0	\$0	\$2,692,000	\$4,891,000
Total	\$2,199,000	\$776,000	\$776,000	\$776,000	\$364,000	\$0	\$0	\$2,692,000	\$4,891,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$2,199,000	\$776,000	\$776,000	\$776,000	\$364,000	\$0	\$0	\$4,891,000
Total			\$2,199,000	\$776,000	\$776,000	\$776,000	\$364,000	\$0	\$0	\$4,891,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

1. Plant Standby Power Upgrade

WWM-2012-112

Executive Summary:

Upgrades a standby generator and installs new switches to allow remote switching in case of a power outage.

Project Justification:

This project upgrades the existing east end standby generator and installs new switches on the two Avista power feeds to allow remote switching in case of a power outage. New switches will be provided to meet reliability and redundancy requirements of the NPDES permit. The standby generator addresses life, safety, headworks and disinfection processes.

Location:

Other Location

RPWRF 4401 N. A.L. White Parkway

Project Status:

Active

Design will begin in 2012.

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

1. Plant Standby Power Upgrade

WWM-2012-112

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$452,000	\$824,000	\$71,000	\$0	\$0	\$0	\$0	\$895,000	\$1,347,000
Total	\$452,000	\$824,000	\$71,000	\$0	\$0	\$0	\$0	\$895,000	\$1,347,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						Total
				2014	2015	2016	2017	2018	2019	
Enterprise Fund Rates	Local	Identified	\$452,000	\$824,000	\$71,000	\$0	\$0	\$0	\$0	\$1,347,000
Total			\$452,000	\$824,000	\$71,000	\$0	\$0	\$0	\$0	\$1,347,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

3. Digester Gas Compressor Room

WWM-2012-116

Executive Summary:

Once solids are removed from the wastewater, they must be treated to the standards for biosolids reuse. The solids at the RPWRF are pumped to egg shaped digesters and are digested. Solids digestion generates methane gas as a byproduct and the gas line is collected and compressed for use in either heating the solids or for steam generation. The existing gas compressor room has been in service approximately 30 years with some improvements during that time. This project will upgrade equipment to allow the safe collection of the methane gas and safe operation of the system.

Project Justification:

This project will increase the safety and efficiency of the methane collection system.

Location:

Other Location

RPWRF 4401 N. A.L. White Parkway

Project Status:

Active

Construction started on the project in 2012 and will continue through 2014.

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

3. Digester Gas Compressor Room

WWM-2012-116

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$1,197,000	\$2,182,000	\$187,000	\$0	\$0	\$0	\$0	\$2,369,000	\$3,566,000
Total	\$1,197,000	\$2,182,000	\$187,000	\$0	\$0	\$0	\$0	\$2,369,000	\$3,566,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						Total
				2014	2015	2016	2017	2018	2019	
Enterprise Fund Rates	Local	Identified	\$1,197,000	\$2,182,000	\$187,000	\$0	\$0	\$0	\$0	\$3,566,000
Total			\$1,197,000	\$2,182,000	\$187,000	\$0	\$0	\$0	\$0	\$3,566,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

6. Gravity Belt Thickeners 5&6

WWM-2012-119

Executive Summary:

Construct two additional Gravity Belt Thickeners (GBTs) to remove water from sludge prior to digestion.

Project Justification:

Gravity Belt Thickeners (GBTs) reduce the volume of sludge prior to digestion by removing water. Two additional GBTs are needed to meet the increasing solids treatment demand. The purpose of this project is to improve sludge digestion to meet the NPDES permit requirements.

Location:

Other Location

RPWRF 4401 N. A.L. White Parkway

Project Status:

Active

Construction will start on the project in 2013.

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

6. Gravity Belt Thickeners 5&6

WWM-2012-119

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$863,000	\$1,574,000	\$135,000	\$0	\$0	\$0	\$0	\$1,709,000	\$2,572,000
Total	\$863,000	\$1,574,000	\$135,000	\$0	\$0	\$0	\$0	\$1,709,000	\$2,572,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						Total
				2014	2015	2016	2017	2018	2019	
Enterprise Fund Rates	Local	Identified	\$863,000	\$1,574,000	\$135,000	\$0	\$0	\$0	\$0	\$2,572,000
Total			\$863,000	\$1,574,000	\$135,000	\$0	\$0	\$0	\$0	\$2,572,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Disinfection Building heating improvements

WWM-2013-122

Executive Summary:

Install steam heat vs. electric resistance heat in Disinfection Building.

Project Justification:

This project upgrades the disinfection building heating system for energy efficiency and safety. Heating units using steam generated from digester gas will be installed instead of electric heaters to reduce reliance on purchased electricity or natural gas. This project also facilitates management of plant-wide electrical loads and enhances safety by avoiding the use of combustion-style space heaters.

Location:

Other Location

RPWRF

Project Status:

Active

Construction to begin in 2013

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Disinfection Building heating improvements

WWM-2013-122

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$0	\$248,000	\$21,000	\$0	\$0	\$0	\$0	\$269,000	\$269,000
Total	\$0	\$248,000	\$21,000	\$0	\$0	\$0	\$0	\$269,000	\$269,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$248,000	\$21,000	\$0	\$0	\$0	\$0	\$269,000
Total			\$0	\$248,000	\$21,000	\$0	\$0	\$0	\$0	\$269,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Lubricant and oil storage and stormwater piping upgrades

WWM-2013-124

Executive Summary:

Relocate and upgrade the lubricant and oil storage and retrofit the stormwater collection in existing paved area.

Project Justification:

Flammable lubricants and oils are currently stored without spill control or fire suppression in a warehouse that contains many other combustible products and materials. This project provides a separate lube and oil storage facility that meets codes regarding fire safety and source control. The storm piping upgrade ensures on-site retention and treatment of runoff, which prevents the need for an Ecology Industrial Stormwater Permit.

Location:

Other Location

RPWRF

Project Status:

Active

Construction will begin in 2013.

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Lubricant and oil storage and stormwater piping upgrades

WWM-2013-124

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$0	\$493,000	\$42,000	\$0	\$0	\$0	\$0	\$535,000	\$535,000
Total	\$0	\$493,000	\$42,000	\$0	\$0	\$0	\$0	\$535,000	\$535,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$493,000	\$42,000	\$0	\$0	\$0	\$0	\$535,000
Total			\$0	\$493,000	\$42,000	\$0	\$0	\$0	\$0	\$535,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Digester Facility #3 & Modifications to #4,#5

WWM-2012-126

Executive Summary:

Construction of one additional approximately 2.8 million gallon digester. The new digester will be integrated into the digester gallery for operation.

Project Justification:

This project will enhance operations, accommodate increased solids from the Next Level of Treatment, and provide redundancy to meet NPDES permit requirements.

Location:

Other Location

RPWRF 4401 N. A.L. White Parkway

Project Status:

Active

Site preparation construction is scheduled to start in 2013.

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Digester Facility #3 & Modifications to #4,#5

WWM-2012-126

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$2,388,000	\$2,000,000	\$4,000,000	\$1,200,000	\$1,700,000	\$100,000	\$0	\$9,000,000	\$11,388,000
Total	\$2,388,000	\$2,000,000	\$4,000,000	\$1,200,000	\$1,700,000	\$100,000	\$0	\$9,000,000	\$11,388,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$2,388,000	\$2,000,000	\$4,000,000	\$1,200,000	\$1,700,000	\$100,000	\$0	\$11,388,000
Total			\$2,388,000	\$2,000,000	\$4,000,000	\$1,200,000	\$1,700,000	\$100,000	\$0	\$11,388,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

CEPT/HW Odor Control/Chemical Storage Facility

WWM-2012-129

Executive Summary:

Chemically Enhanced Primary Treatment facility housing a pumping and chemical storage system, ducting, fans and a scrubber to reduce headworks odor. This project is necessary to reduce odors at the plant.

Project Justification:

This project includes a Chemically Enhanced Primary Treatment facility housing a pumping and chemical storage system used to deliver alum and polymer into the wastewater flow stream to remove some phosphorus in the primary clarifiers. CEPT will improve phosphorus removal and enable the activated sludge treatment process to accommodate increased loading from growth and from next level of treatment. The facility will also provide additional maintenance garage space. The purpose of this project is to allow more efficient operation, and provide for more phosphorus removal relating to both Next Level of Treatment and growth. This project will reduce the odor emitted from the headworks building via ducting, fans and a scrubber. This project is necessary to reduce odors at the plant.

Location:

Other Location

RPWRF 4401 N. A.L. White Parkway

Project Status:

Active

Design is scheduled to begin in 2013 and construction is scheduled to begin in 2014.

External Factors:

Needed for future upgrades at the RPWRF. Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

CEPT/HW Odor Control/Chemical Storage Facility

WWM-2012-129

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$0	\$853,000	\$15,000	\$3,694,000	\$3,244,000	\$5,000	\$0	\$7,811,000	\$7,811,000
Total	\$0	\$853,000	\$15,000	\$3,694,000	\$3,244,000	\$5,000	\$0	\$7,811,000	\$7,811,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$853,000	\$15,000	\$3,694,000	\$3,244,000	\$5,000	\$0	\$7,811,000
Total			\$0	\$853,000	\$15,000	\$3,694,000	\$3,244,000	\$5,000	\$0	\$7,811,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Primary Clarifier No. 5

WWM-2012-131

Executive Summary:

Construction of an additional primary clarifier.

Project Justification:

This project includes a primary clarifier, solids pumping systems, yard piping and flow splitting for primary treatment. Primary clarifier No. 5 needs to be built before Next Level of Treatment. This project will provide redundancy in the primary treatment system to help remove phosphorus and will allow increased storm flow through primary and secondary treatment, reducing wet weather impacts at RPWRF.

Location:

Other Location

RPWRF 4401 N. A.L. White Parkway

Project Status:

Active

Design is scheduled to begin in 2013. Construction is scheduled to begin in 2014.

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Primary Clarifier No. 5

WWM-2012-131

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$0	\$751,000	\$13,000	\$3,252,000	\$2,856,000	\$5,000	\$0	\$6,877,000	\$6,877,000
Total	\$0	\$751,000	\$13,000	\$3,252,000	\$2,856,000	\$5,000	\$0	\$6,877,000	\$6,877,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$751,000	\$13,000	\$3,252,000	\$2,856,000	\$5,000	\$0	\$6,877,000
Total			\$0	\$751,000	\$13,000	\$3,252,000	\$2,856,000	\$5,000	\$0	\$6,877,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Solids Recycle Pump Station

WWM-2012-217

Executive Summary:

Construct a pump station to pump solids to gravity belt thickener.

Project Justification:

A new solids recycle pump station is needed to pump the gravity belt thickener and belt filter press filtrate to the headworks for chemically enhanced primary treatment to reduce the loading to the activated sludge process. The project involves the existing gravity thickener, a tank cover and odor control system, four new pumps in the DT Building, and 24" piping.

Location:

Other Location

Riverside Park Water Reclamation Facility 4401 N. A.L. White Parkway

Project Status:

Active

Design to begin in 2013.

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Solids Recycle Pump Station

WWM-2012-217

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$0	\$286,000	\$5,000	\$1,240,000	\$1,089,000	\$2,000	\$0	\$2,622,000	\$2,622,000
Total	\$0	\$286,000	\$5,000	\$1,240,000	\$1,089,000	\$2,000	\$0	\$2,622,000	\$2,622,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$286,000	\$5,000	\$1,240,000	\$1,089,000	\$2,000	\$0	\$2,622,000
Total			\$0	\$286,000	\$5,000	\$1,240,000	\$1,089,000	\$2,000	\$0	\$2,622,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Anoxic Mixing Blades and Pumps Replacement

WWM-2012-402

Executive Summary:

Replacement of the Anoxic Mixing Blades and Pumps in Aeration Basin 6

Project Justification:

The anoxic mixing blades keep suspended solids from settling in Aeration Basin 6 and the Anoxic mix pumps are a critical aeration basin process component. Replacement of worn blades and pumps is necessary to ensure proper operation of Aeration Basin 6.

Location:

Other Location

Riverside Park Water Reclamation Facility

Project Status:

Active

Project is under review.

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Anoxic Mixing Blades and Pumps Replacement

WWM-2012-402

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Purchases	\$0	\$0	\$0	\$100,000	\$0	\$100,000	\$0	\$200,000	\$200,000
Total	\$0	\$0	\$0	\$100,000	\$0	\$100,000	\$0	\$200,000	\$200,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$0	\$0	\$100,000	\$0	\$100,000	\$0	\$200,000
Total			\$0	\$0	\$0	\$100,000	\$0	\$100,000	\$0	\$200,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

BioSolids Equipment Replacement

WWM-2012-346

Executive Summary:

Replacement of equipment necessary to transport and apply Biosolids generated at the Riverside Park Water Reclamation Facility. Equipment being replaced includes Biosolids Crew Truck, Biosolids Tractor, Biosolids Front End Loader, Biosolids Dump Truck and Pup, Biosolids Tractor, and Biosolids Dump

Project Justification:

Biosolids generated at the Riverside Park Water Reclamation Facility are applied to private farmland in accordance to Federal and State regulations. Replacement of Biosolids hauling and application equipment is necessary to maintain the reliability necessary to meet Biosolids application regulations

Location:

Other Location

Riverside Park Water Reclamation Facility

Project Status:

Active

In process

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Maintenance and equipment downtime will be lower with the purchase of new more reliable equipment.

BioSolids Equipment Replacement

WWM-2012-346

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Purchases	\$0	\$150,000	\$150,000	\$255,000	\$150,000	\$450,000	\$0	\$1,155,000	\$1,155,000
Total	\$0	\$150,000	\$150,000	\$255,000	\$150,000	\$450,000	\$0	\$1,155,000	\$1,155,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$150,000	\$150,000	\$255,000	\$150,000	\$450,000	\$0	\$1,155,000
Total			\$0	\$150,000	\$150,000	\$255,000	\$150,000	\$450,000	\$0	\$1,155,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

CSO Van Replacement

WWM-2012-400

Executive Summary:

Replacement of CSO flow monitoring and maintenance van

Project Justification:

In order to comply with DPDES requirements and the Sierra Club settlement the City must monitor and regularly inspect CSO overflow regulators.

Location:

Other Location

Riverside Park Water Reclamation Facility

Project Status:

Active

Will move from concept to selection closer to purchase date.

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Replacement of the existing monitoring van should result in lower maintenance cost and vehicle down time.

CSO Van Replacement

WWM-2012-400

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Purchases	\$0	\$0	\$0	\$60,000	\$0	\$0	\$0	\$60,000	\$60,000
Total	\$0	\$0	\$0	\$60,000	\$0	\$0	\$0	\$60,000	\$60,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$0	\$0	\$60,000	\$0	\$0	\$0	\$60,000
Total			\$0	\$0	\$0	\$60,000	\$0	\$0	\$0	\$60,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Major Lab Equipment Replacement

WWM-2012-406

Executive Summary:

Replacement of laboratory equipment at the Riverside Park Water Reclamation Facility. Equipment being replaced includes a metals and nutrient analyzers and a bench spectrometers.

Project Justification:

Replacement of laboratory equipment is necessary to meet lab accreditation standards and to meet testing requirements of the NPDES permit.

Location:

Other Location

Riverside Park Water Reclamation Facility

Project Status:

Active

On-going.

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Major Lab Equipment Replacement

WWM-2012-406

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Purchases	\$0	\$0	\$60,000	\$68,000	\$0	\$0	\$0	\$128,000	\$128,000
Total	\$0	\$0	\$60,000	\$68,000	\$0	\$0	\$0	\$128,000	\$128,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$0	\$60,000	\$68,000	\$0	\$0	\$0	\$128,000
Total			\$0	\$0	\$60,000	\$68,000	\$0	\$0	\$0	\$128,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Serpentex Biosolids Conveyor Rebuild

WWM-2012-354

Executive Summary:

Rebuild of the Serpentex Biosolids Conveyor Systems

Project Justification:

The conveyor systems move solids from the Belt Filter Presses to the Biosolids Trucks for transport. The rebuild of the conveyors is necessary to ensure that Biosolids can be removed and transported from the RPWRF.

Location:

Other Location

Riverside Park Water Reclamation Facility Process Building

Project Status:

Active

Scheduled for 2014.

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Serpentex Biosolids Conveyor Rebuild

WWM-2012-354

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Purchases	\$0	\$60,000	\$0	\$60,000	\$0	\$0	\$0	\$120,000	\$120,000
Total	\$0	\$60,000	\$0	\$60,000	\$0	\$0	\$0	\$120,000	\$120,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$60,000	\$0	\$60,000	\$0	\$0	\$0	\$120,000
Total			\$0	\$60,000	\$0	\$60,000	\$0	\$0	\$0	\$120,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

City Wide On- Going Cure In Place Pipe (CIPP) Project

WWM-2012-4

Executive Summary:

Rehabilitation of damaged pipe using a polyester felt liner impregnated with a resin that hardens when heated.

Project Justification:

CIPP is a method that rehabilitates damaged pipe using a polyester felt liner impregnated with a resin that hardens when heated. Essentially, CIPP constructs a new pipe within a damaged pipe without resorting to excavating. Many of the existing older sewers are made of vitrified clay that is susceptible to cracking and/or infiltration at the joints. Excavation to replace sewer pipes in congested streets is very expensive, so using CIPP is a cost-effective method to rehabilitate these types of pipes. The purpose of this project is to reduce operation and maintenance costs by replacing damaged and leaking pipes.

Location:

Other Location

This project will occur throughout the City.

Project Status:

Active

This is an ongoing maintenance project.

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

City Wide On- Going Cure In Place Pipe (CIPP) Project

WWM-2012-4

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$0	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,800,000	\$1,800,000
Total	\$0	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,800,000	\$1,800,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,800,000
Total			\$0	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,800,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Collection System General Infrastructure Replacement

WWM-2012-447

Executive Summary:

This project provides funding to perform general infrastructure replacements that are not identified in the Six Year Sewer Construction Plan.

Project Justification:

The project is necessary to enable wastewater to react to minor infrastructure needs as they arise.

Location:

Other Location

City Wide

Project Status:

Active

On-going

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Collection System General Infrastructure Replacement

WWM-2012-447

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$0	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,200,000	\$1,200,000
Total	\$0	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,200,000	\$1,200,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,200,000
Total			\$0	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,200,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Force Main Replacement

WWM-2012-10

Executive Summary:

Replacement of existing plastic pipes with ductile iron.

Project Justification:

Many of the lift station installed in the 1980s and 1990s used plastic (PVC) pipe for their force mains. Recurring line breaks on these plastic force main lines have required expensive emergency repairs. This project is an on-going replacement of these plastic pipes with ductile iron. Replacement is prioritized by the Sewer Maintenance Division based on the condition and location of the plastic force mains. Eventually, all plastic force mains will be replaced with ductile iron pipe. The purpose of this project is to reduce operation and maintenance costs by replacing plastic force mains.

Location:

Other Location

This project will occur throughout the City.

Project Status:

Active

This is an ongoing maintenance project.

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Force Main Replacement

WWM-2012-10

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000	\$150,000
Total	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000	\$150,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000
Total			\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

High Drive Sewer Pre-Design

WWM-2013-118

Executive Summary:

Determine the best way to eliminate the current maintenance issues concerning High Drive sewer lines.

Project Justification:

The sewer maintenance division has responded to several line breaks and 'blow-outs' in the sewer lines along and west of High Drive. The pre-design will determine the best way to rehabilitate, replace or re-route the High Drive sewer lines to reduce and/or eliminate the current maintenance issues.

Location:

Other Location

High Drive in Southwest Spokane

Project Status:

Active

The pre-design study will occur in 2014.

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

High Drive Sewer Pre-Design

WWM-2013-118

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Design	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000
Total	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
Total			\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Infrastructure Upgrade - Public

WWM-2012-7

Executive Summary:

Replacement and/or upgrade of sewer facilities by coordinating with other City infrastructure work.

Project Justification:

The Wastewater Management Department coordinates with other City infrastructure work on an ongoing basis. When sewer or stormwater facilities are within other City projects, the Department evaluates these facilities for upgrade or replacement. For example: in conjunction with a road project, the Department funds the replacement of shallow vitrified clay pipe, broken or cracked pipes, and deteriorated manholes including replacement of worn surface cast iron rings and covers. These facility replacements and upgrades are funded through this project and paid for through separate schedules as part of the larger City improvement. The purpose of this project is to reduce overall project costs by combining sewer upgrades with other City projects.

Location:

Other Location

These projects will occur at various locations throughout the City.

Project Status:

Active

This is an ongoing maintenance project.

External Factors:

These projects are associate with other City project. Funds will be expended in relation with other project. Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Infrastructure Upgrade - Public

WWM-2012-7

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000	\$300,000
Total	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000	\$300,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000
Total			\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Joint City-County Marion Haye Intertie

WWM-2012-277

Executive Summary:

This project will construct a gravity sewer pipe from North Pointe lift station to Spokane County's Marion Haye Lift Station.

Project Justification:

This project will reduce operation and maintenance costs by eliminating a lift station.

Location:

Other Location

North Spokane

Project Status:

Active

This project is pending construction of two other projects. Construction on this project is expected to start in 2014 with design in 2013.

External Factors:

Completion of the Lower Hollywood Trunk Replacement and Litchfield Sewer Replacements are necessary for construction of this project. Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Joint City-County Marion Haye Intertie

WWM-2012-277

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$0	\$0	\$1,079,000	\$0	\$0	\$0	\$0	\$1,079,000	\$1,079,000
Total	\$0	\$0	\$1,079,000	\$0	\$0	\$0	\$0	\$1,079,000	\$1,079,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$0	\$1,079,000	\$0	\$0	\$0	\$0	\$1,079,000
Total			\$0	\$0	\$1,079,000	\$0	\$0	\$0	\$0	\$1,079,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Large Line H₂S Rehabilitation

WWM-2012-276

Executive Summary:

Line large sewer pipes that have been damaged by hydrogen sulfide.

Project Justification:

Hydrogen sulfide is eroding many of the concrete sewer pipes within the City. This erosion is occurring to the extent that pipes are collapsing because of it. These pipes which are eroded will be lined with an inert material.

Location:

Other Location

These projects occur throughout the City.

Project Status:

Active

The project will begin in 2013. WWM is currently researching best practices for solving the Hydrogen Sulfide problem.

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Large Line H2S Rehabilitation

WWM-2012-276

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$0	\$500,000	\$500,000	\$500,000	\$300,000	\$200,000	\$200,000	\$2,200,000	\$2,200,000
Total	\$0	\$500,000	\$500,000	\$500,000	\$300,000	\$200,000	\$200,000	\$2,200,000	\$2,200,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$500,000	\$500,000	\$500,000	\$300,000	\$200,000	\$200,000	\$2,200,000
Total			\$0	\$500,000	\$500,000	\$500,000	\$300,000	\$200,000	\$200,000	\$2,200,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Lift Station Repair and Upgrade

WWM-2012-12

Executive Summary:

Repairs and/or upgrades existing lift stations.

Project Justification:

This project repairs and/or upgrades existing lift stations because either the pumps and/or control equipment require excessive maintenance. Upgrades may also include above-ground facilities to address the new confined-space safety issues of lift stations in underground vaults. Clarke Street and Wind River Lift Stations have been identified for upgrade in 2013 and 2014. The purpose of this project is to reduce operation and maintenance costs by rehabilitating lift stations.

Location:

Other Location

This project will occur throughout the City.

Project Status:

Active

This is an ongoing maintenance project.

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Lift Station Repair and Upgrade

WWM-2012-12

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$0	\$312,000	\$0	\$0	\$0	\$0	\$0	\$312,000	\$312,000
Total	\$0	\$312,000	\$0	\$0	\$0	\$0	\$0	\$312,000	\$312,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$312,000	\$0	\$0	\$0	\$0	\$0	\$312,000
Total			\$0	\$312,000	\$0	\$0	\$0	\$0	\$0	\$312,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Post Street Bridge Rehabilitation

WWM-2013-138

Executive Summary:

Replacement of the old 54-inch steel pipe with 450 feet of 60-inch ductile iron pipe within the Post Street Bridge.

Project Justification:

The Post Street Bridge, located immediately north of City Hall, carries a 54-inch sewer interceptor that transports sewage from the south side of the river to the north side. The City Public Works Department plans a significant rehabilitation of the Post Street Bridge. Included with the Post Street Bridge rehabilitation is replacement of the old 54-inch steel pipe with 450 feet of 60-inch ductile iron pipe, as well as manhole replacement on both river banks. This project will be constructed in coordination with the bridge rehabilitation project. The existing pipe has the potential to leak raw sewage into the Spokane River.

Location:

Other Location

Post Street Bridge

Project Status:

Active

Design on the project is planned to start in 2015.

External Factors:

This project is dependant on the reconstruction of the Post Street Bridge. If the bridge project is delayed or accelerated this project would have to follow suit. Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Post Street Bridge Rehabilitation

WWM-2013-138

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$0	\$0	\$0	\$110,000	\$0	\$0	\$0	\$110,000	\$110,000
Design	\$0	\$0	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$10,000
Total	\$0	\$0	\$10,000	\$110,000	\$0	\$0	\$0	\$120,000	\$120,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$0	\$200,000	\$1,800,000	\$0	\$0	\$0	\$2,000,000
Total			\$0	\$0	\$200,000	\$1,800,000	\$0	\$0	\$0	\$2,000,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Rehabilitation Projects

WWM-2012-13

Executive Summary:

Construction for unscheduled repairs.

Project Justification:

This project makes funds available for emergency repairs from external or internal damaged pipe.

Location:

Other Location

This project will occur throughout the City.

Project Status:

Active

This is an ongoing maintenance project.

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Rehabilitation Projects

WWM-2012-13

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$0	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$0	\$1,250,000	\$1,250,000
Total	\$0	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$0	\$1,250,000	\$1,250,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$0	\$1,250,000
Total			\$0	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$0	\$1,250,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

STEP Projects

WWM-2012-11

Executive Summary:

Eliminate septic tanks by connecting homes and businesses to the existing sewer.

Project Justification:

The term 'STEP' is an acronym for 'Septic Tank Elimination Program.' The City has numerous isolated pockets of properties using septic tanks. This project will construct small lateral extensions to connect to the sewer. Construction will be scheduled when project are identified. Potentially more septic tanks will qualify for elimination with the additional of the West Plains to the City. The purpose of this project is to protect Aquifer water quality by eliminating septic tanks.

Location:

Other Location

This project will occur throughout the City.

Project Status:

Active

This is an ongoing maintenance project.

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

STEP Projects

WWM-2012-11

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$0	\$250,000	\$250,000
Total	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$0	\$250,000	\$250,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$0	\$250,000
Total			\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$0	\$250,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Short Line Service Truck 2017

WWM-2012-430

Executive Summary:

This truck is used to maintain the existing collection systems and is responsible for citizen calls and emergency response call during the day.

Project Justification:

To Maintain the capacity of the existing infrastructure.

Location:

Other Location

909 E. Sprague

Project Status:

Active

Replacement Vehicle

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Short Line Service Truck 2017

WWM-2012-430

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Purchases	\$0	\$0	\$0	\$0	\$150,000	\$0	\$0	\$150,000	\$150,000
Total	\$0	\$0	\$0	\$0	\$150,000	\$0	\$0	\$150,000	\$150,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$0	\$0	\$0	\$150,000	\$0	\$0	\$150,000
Total			\$0	\$0	\$0	\$0	\$150,000	\$0	\$0	\$150,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

10 Yard Dump Truck 2014

WWM-2012-417

Executive Summary:

This truck is used primarily by our construction crew for infrastructure rehabilitation and upgrade. Also used for winter snow removal.

Project Justification:

To maintain the capacity of the waste water collection system.

Location:

Other Location

909 E. Sprague

Project Status:

Active

Replacement Purchase

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

10 Yard Dump Truck 2014

WWM-2012-417

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Purchases	\$0	\$225,000	\$0	\$0	\$0	\$0	\$0	\$225,000	\$225,000
Total	\$0	\$225,000	\$0	\$0	\$0	\$0	\$0	\$225,000	\$225,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$225,000	\$0	\$0	\$0	\$0	\$0	\$225,000
Total			\$0	\$225,000	\$0	\$0	\$0	\$0	\$0	\$225,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Catch Basin Truck 2014

WWM-2012-415

Executive Summary:

This truck is used to pump catch basins and maintain storm infrastructure though out the City.

Project Justification:

To maintain the capacity of the stormwater collection system.

Location:

Other Location

909 E. Sprague

Project Status:

Active

Replacement Purchase

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Catch Basin Truck 2014

WWM-2012-415

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Purchases	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000	\$200,000
Total	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000	\$200,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000
Total			\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Catch Basin Truck 2014

WWM-2012-415

Executive Summary:

This truck is used to pump catch basins and maintain storm infrastructure throughout the City.

Project Justification:

To maintain the capacity of the stormwater collection system.

Location:

Other Location

909 E. Sprague

Project Status:

Active

Replacement Purchase

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Catch Basin Truck 2014

WWM-2012-415

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Purchases	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000	\$200,000
Total	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000	\$200,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000
Total			\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Catch Basin Truck 2015

WWM-2012-419

Executive Summary:

This truck is used to pump catch basins and maintain storm infrastructure throughout the City.

Project Justification:

To maintain the capacity of the stormwater collection system.

Location:

Other Location

909 E. Sprague

Project Status:

Active

Replacement Purchase

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Catch Basin Truck 2015

WWM-2012-419

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Purchases	\$0	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000	\$200,000
Total	\$0	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000	\$200,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Total			\$0	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Closed Circuit Television Inspection 2017

WWM-2012-428

Executive Summary:

This truck is used to inspect all new construction and routinely inspects existing infrastructure for blockages and structural integrity.

Project Justification:

To maintain Capacity in the Waste water and Stormwater Collection Systems.

Location:

Other Location

909 E. Sprague

Project Status:

Active

Replacement Vehicle

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Closed Circuit Television Inspection 2017

WWM-2012-428

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Purchases	\$0	\$0	\$0	\$0	\$200,000	\$0	\$0	\$200,000	\$200,000
Total	\$0	\$0	\$0	\$0	\$200,000	\$0	\$0	\$200,000	\$200,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$0	\$0	\$0	\$200,000	\$0	\$0	\$200,000
Total			\$0	\$0	\$0	\$0	\$200,000	\$0	\$0	\$200,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Closed Circuit Television Inspection Truck 2016

WWM-2012-424

Executive Summary:

This truck is used to inspect new infrastructure and routinely check existing infrastructure for blockages and structural condition.

Project Justification:

To maintain the capacity of the wastewater collection system.

Location:

Other Location

909 E. Sprague

Project Status:

Active

Replacement Vehicle

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Closed Circuit Television Inspection Truck 2016

WWM-2012-424

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Purchases	\$0	\$0	\$0	\$200,000	\$0	\$0	\$0	\$200,000	\$200,000
Total	\$0	\$0	\$0	\$200,000	\$0	\$0	\$0	\$200,000	\$200,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$0	\$0	\$200,000	\$0	\$0	\$0	\$200,000
Total			\$0	\$0	\$0	\$200,000	\$0	\$0	\$0	\$200,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Closed Circuit Television Inspection Truck 2018

WWM-2012-432

Executive Summary:

This truck is used to inspect all new Storm and Sanitary sewer pipes as well as routine inspection of existing infrastructure for blockages and structural condition.

Project Justification:

To maintain the capacity of the collection systems.

Location:

Other Location

909 E. Sprague

Project Status:

Active

Replacement vehicle

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Closed Circuit Television Inspection Truck 2018

WWM-2012-432

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Purchases	\$0	\$0	\$0	\$0	\$0	\$200,000	\$0	\$200,000	\$200,000
Total	\$0	\$0	\$0	\$0	\$0	\$200,000	\$0	\$200,000	\$200,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$0	\$0	\$0	\$0	\$200,000	\$0	\$200,000
Total			\$0	\$0	\$0	\$0	\$0	\$200,000	\$0	\$200,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Closed Circuit Television Inspection Truck 2015

WWM-2012-421

Executive Summary:

This truck is used to inspect new sewers for quality and workmanship. We also routinely inspect existing storm and sanitary sewers for blockages and condition of pipe.

Project Justification:

To maintain the capacity of the wastewater collection system.

Location:

Other Location

909 E. Sprague

Project Status:

Active

Replacement Vehicle

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Closed Circuit Television Inspection Truck 2015

WWM-2012-421

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Purchases	\$0	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000	\$200,000
Total	\$0	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000	\$200,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Total			\$0	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Combination Sewer Cleaners

WWM-2013-126

Executive Summary:

These trucks are used to clean large line and interceptor lines in the sanitary sewer system as well as being used to provide assistance for construction projects being performed by multiple departments throughout the City.

Project Justification:

To maintain the capacity and integrity of the Sanitary Sewer system.

Location:

Other Location

909 E Sprague

Project Status:

Active

Replacement Purchase

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Maintenance of the replacement equipment is anticipated to be less expensive than the aging equipment it is replacing.

Combination Sewer Cleaners

WWM-2013-126

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Purchases	\$0	\$0	\$0	\$0	\$0	\$0	\$650,000	\$650,000	\$650,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$650,000	\$650,000	\$650,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$0	\$0	\$0	\$0	\$0	\$650,000	\$650,000
Total			\$0	\$0	\$0	\$0	\$0	\$0	\$650,000	\$650,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Heavy Construction Equipment 2015

WWM-2012-422

Executive Summary:

This equipment, a 315 trackhoe excavator and 3 yard frontend loader is scheduled to be replaced at this time.

Project Justification:

Dependable equipment on the job is important in the routine repair of infrastructure saving both time and money. It is essential to have this type of equipment available for emergency situations and a 24/7 response effort.

Location:

Other Location

909 E. Sprague

Project Status:

Active

Replacement Purchase

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Heavy Construction Equipment 2015

WWM-2012-422

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Purchases	\$0	\$0	\$300,000	\$0	\$0	\$0	\$0	\$300,000	\$300,000
Total	\$0	\$0	\$300,000	\$0	\$0	\$0	\$0	\$300,000	\$300,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$0	\$300,000	\$0	\$0	\$0	\$0	\$300,000
Total			\$0	\$0	\$300,000	\$0	\$0	\$0	\$0	\$300,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Heavy Construction Equipment 2017

WWM-2012-427

Executive Summary:

This equipment is used to rehabilitate our existing sanitary sewer and stormwater collection systems.

Project Justification:

To maintain the capacity of the existing collection systems.

Location:

Other Location

909 E. Sprague

Project Status:

Active

Replacement Vehicle

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Heavy Construction Equipment 2017

WWM-2012-427

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Purchases	\$0	\$0	\$0	\$0	\$300,000	\$0	\$0	\$300,000	\$300,000
Total	\$0	\$0	\$0	\$0	\$300,000	\$0	\$0	\$300,000	\$300,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$0	\$0	\$0	\$300,000	\$0	\$0	\$300,000
Total			\$0	\$0	\$0	\$0	\$300,000	\$0	\$0	\$300,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Jet Rodder 2018

WWM-2012-431

Executive Summary:

This truck is used for cleaning roots and debris from the sanitary sewer and stormwater collection systems.

Project Justification:

To maintain the capacity of the existing infrastructure systems.

Location:

Other Location

909 E. Sprague

Project Status:

Active

Replacement Vehicle

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Jet Rodder 2018

WWM-2012-431

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Purchases	\$0	\$0	\$0	\$0	\$0	\$200,000	\$0	\$200,000	\$200,000
Total	\$0	\$0	\$0	\$0	\$0	\$200,000	\$0	\$200,000	\$200,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$0	\$0	\$0	\$0	\$200,000	\$0	\$200,000
Total			\$0	\$0	\$0	\$0	\$0	\$200,000	\$0	\$200,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Mechanical Sewer Rodder 2015

WWM-2012-420

Executive Summary:

This truck is used to remove roots from the sanitary sewer system throughout the City.

Project Justification:

To maintain the capacity of the wastewater collection system

Location:

Other Location

909 E. Sprague

Project Status:

Active

Replacement Purchase

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Mechanical Sewer Rodder 2015

WWM-2012-420

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Purchases	\$0	\$0	\$150,000	\$0	\$0	\$0	\$0	\$150,000	\$150,000
Total	\$0	\$0	\$150,000	\$0	\$0	\$0	\$0	\$150,000	\$150,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$0	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Total			\$0	\$0	\$150,000	\$0	\$0	\$0	\$0	\$150,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

North Side Service Truck 2017

WWM-2012-429

Executive Summary:

This Vehicle is used for maintaining the collection system and is responsible for citizen and emergency calls throughout the day.

Project Justification:

To maintain the capacity of the existing infrastructure.

Location:

Other Location

909 E. Sprague

Project Status:

Active

Replacement Vehicle

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

North Side Service Truck 2017

WWM-2012-429

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Purchases	\$0	\$0	\$0	\$0	\$150,000	\$0	\$0	\$150,000	\$150,000
Total	\$0	\$0	\$0	\$0	\$150,000	\$0	\$0	\$150,000	\$150,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$0	\$0	\$0	\$150,000	\$0	\$0	\$150,000
Total			\$0	\$0	\$0	\$0	\$150,000	\$0	\$0	\$150,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

One Ton Dump Truck 2014

WWM-2012-418

Executive Summary:

This truck is used by our construction crews and our service crews to change rings and covers that are worn out typically on major arterials, and from snow plow damage each year.

Project Justification:

To maintain the capacity and integrity of the waste water collection system.

Location:

Other Location

909 E. Sprague

Project Status:

Active

Replacement Purchase

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

One Ton Dump Truck 2014

WWM-2012-418

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Purchases	\$0	\$75,000	\$0	\$0	\$0	\$0	\$0	\$75,000	\$75,000
Total	\$0	\$75,000	\$0	\$0	\$0	\$0	\$0	\$75,000	\$75,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						Total
				2014	2015	2016	2017	2018	2019	
Enterprise Fund Rates	Local	Identified	\$0	\$75,000	\$0	\$0	\$0	\$0	\$0	\$75,000
Total			\$0	\$75,000	\$0	\$0	\$0	\$0	\$0	\$75,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Pumper/Tank Truck 2016

WWM-2012-426

Executive Summary:

This vehicle is used in conjunction with the service crews to maintain the sanitary sewer collection system.

Project Justification:

To maintain the capacity of the collection system.

Location:

Other Location

909 E. Sprague

Project Status:

Active

Replacement vehicle

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Pumper/Tank Truck 2016

WWM-2012-426

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Purchases	\$0	\$0	\$0	\$150,000	\$0	\$0	\$0	\$150,000	\$150,000
Total	\$0	\$0	\$0	\$150,000	\$0	\$0	\$0	\$150,000	\$150,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$0	\$0	\$150,000	\$0	\$0	\$0	\$150,000
Total			\$0	\$0	\$0	\$150,000	\$0	\$0	\$0	\$150,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Pumper/Tank Truck 2018

WWM-2012-433

Executive Summary:

This truck is used in conjunction with our service crews in maintaining both the Sanitary Sewer and Stormwater collection systems.

Project Justification:

To maintain the capacity of the existing system.

Location:

Other Location

909 E. Sprague

Project Status:

Active

Replacement Purchase

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Pumper/Tank Truck 2018

WWM-2012-433

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Purchases	\$0	\$0	\$0	\$0	\$0	\$200,000	\$0	\$200,000	\$200,000
Total	\$0	\$0	\$0	\$0	\$0	\$200,000	\$0	\$200,000	\$200,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$0	\$0	\$0	\$0	\$200,000	\$0	\$200,000
Total			\$0	\$0	\$0	\$0	\$0	\$200,000	\$0	\$200,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

37th Avenue Stormwater Upsizing

WWM-2013-119

Executive Summary:

This project will construct a stormwater conveyance system to a treatment and infiltration facility. This piping system will also collect tributary areas to the north of 37th Avenue

Project Justification:

37th Avenue currently experiences localized flooding within the project limits. This creates water quality issues as well as pedestrian and motorist safety issues. This area is also prone to flooding in basements.

Location:

Other Location

37th Avenue between Regal and Custer Streets

Project Status:

Active

This project will begin design in 2014 with construction in 2015.

External Factors:

This project will be constructed in coordination with the Hazel's Creek Downstream project. Timing of the two projects will need to be coordinated. Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

37th Avenue Stormwater Upsizing

WWM-2013-119

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$0	\$0	\$230,000	\$0	\$0	\$0	\$0	\$230,000	\$230,000
Design	\$0	\$20,000	\$0	\$0	\$0	\$0	\$0	\$20,000	\$20,000
Total	\$0	\$20,000	\$230,000	\$0	\$0	\$0	\$0	\$250,000	\$250,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$20,000	\$230,000	\$0	\$0	\$0	\$0	\$250,000
Total			\$0	\$20,000	\$230,000	\$0	\$0	\$0	\$0	\$250,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Bio-Infiltration System Rehabilitation

WWM-2012-22

Executive Summary:

Replaces soils and vegetation (grass) of existing bio-infiltration swales to restore proper function.

Project Justification:

'Bio-Infiltration Systems' or grass percolation areas are commonly known as 'grassy swales' or "208 swales". The City maintains approximately 10 acres of grass percolation areas along arterial streets that treat and dispose of stormwater. Most grass percolation areas will have a drywell to allow excess storm water to infiltrate into the ground during large storms. City staff performs regular maintenance in order to maintain the effectiveness of these facilities. Grass percolation areas have a 20-year design life. This project provides for this substantial rehabilitation effort along arterials, etc. The purpose of this project is to restore functionality to swales demonstrating sub-standard performance.

Location:

Other Location

These rehabilitation projects will occur throughout the City.

Project Status:

Active

This is an ongoing project.

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Bio-Infiltration System Rehabilitation

WWM-2012-22

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000	\$600,000
Total	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000	\$600,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
Total			\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Cochran Basin Stormwater Improvements

WWM-2013-137

Executive Summary:

This project will eliminate the direct discharge of stormwater to the Spokane River by treating and infiltrating stormwater runoff. The Cochran Basin has been divided into 16 smaller sub-basins. Each of these sub-basins will be evaluated to determine the most cost effective BMPs.

Project Justification:

By eliminating the discharge of stormwater from the Cochran Basin, approximately 50% of the City of Spokane's stormwater discharge to the Spokane River will be removed. All stormwater from this basin will be treated to meet the TMDL requirements from the Department of Ecology.

Location:

Other Location

North Spokane

Project Status:

Active

The project is currently in the planning stage. Design on the project will likely begin in the next year.

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Cochran Basin Stormwater Improvements

WWM-2013-137

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$0	\$2,000,000	\$3,000,000	\$15,000,000	\$15,000,000	\$0	\$0	\$35,000,000	\$35,000,000
Total	\$0	\$2,000,000	\$3,000,000	\$15,000,000	\$15,000,000	\$0	\$0	\$35,000,000	\$35,000,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Ecology SRF Loan	State	Awarded	\$6,000,000	\$2,000,000	\$3,000,000	\$1,000,000	\$0	\$0	\$0	\$12,000,000
Enterprise Fund Rates	Local	Identified	\$0	\$0	\$0	\$14,000,000	\$15,000,000	\$0	\$0	\$29,000,000
Total			\$6,000,000	\$2,000,000	\$3,000,000	\$15,000,000	\$15,000,000	\$0	\$0	\$41,000,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Hazel's Creek Downstream

WWM-2012-16

Executive Summary:

Design and construction stormwater conveyance and infiltration downstream of Hazel's Creek Stormwater Facility.

Project Justification:

This project will implement infrastructure improvements as warranted by new development on the Moran Prairie. Hazel's Creek Stormwater Facility infiltration capacity is limited by a downstream restriction. As more capacity is necessary at Hazel's Creek, stormwater will be conveyed in a piping system downstream. The first phase will complete design to connect to 37th and Rebecca facility. Construction will include conveyance piping as well as improvements for infiltration at 37th and Rebecca. The next phase will convey the excess stormwater for underground infiltration in area of Cuba Street and 35th Avenue. The phasing will coincide with the needs of development.

Location:

Other Location

44th and Regal in South Spokane

Project Status:

Active

Design is scheduled to begin in 2013.

External Factors:

This project may be dependent on outside funding sources to begin construction. Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Hazel's Creek Downstream

WWM-2012-16

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$0	\$114,300	\$1,314,660	\$0	\$0	\$0	\$0	\$1,428,960	\$1,428,960
Total	\$0	\$114,300	\$1,314,660	\$0	\$0	\$0	\$0	\$1,428,960	\$1,428,960

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Ecology SRF Loan	State	Identified	\$0	\$114,300	\$1,314,660	\$0	\$0	\$0	\$0	\$1,428,960
Total			\$0	\$114,300	\$1,314,660	\$0	\$0	\$0	\$0	\$1,428,960

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

High Drive Stormwater Improvements

WWM-2013-121

Executive Summary:

This project will create stormwater treatment and disposal areas within the project limits and will remove flows from the combined sewer system.

Project Justification:

This project is necessary to reduce flows going into the combined sewer system and causing overflows to the Spokane River.

Location:

Other Location

High Drive between Grand Blvd. and 29th Ave.

Project Status:

Active

The project will start design in 2013.

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

High Drive Stormwater Improvements

WWM-2013-121

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$0	\$800,000	\$0	\$0	\$0	\$0	\$0	\$800,000	\$800,000
Total	\$0	\$800,000	\$0	\$0	\$0	\$0	\$0	\$800,000	\$800,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$800,000	\$0	\$0	\$0	\$0	\$0	\$800,000
Total			\$0	\$800,000	\$0	\$0	\$0	\$0	\$0	\$800,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Next Level of Treatment Implementation

WWM-2012-106

Executive Summary:

Engineering report, design and final construction of the final effluent filtration technology to remove phosphorus as required by the NPDES permit.

Project Justification:

This project consists of an engineering report, design and final construction of the final effluent filtration technology (or technologies) selected in the pilot project to seasonally remove phosphorus down to the seasonal average of 17.8 pounds per day (based on the draft NPDES permit). The filters will be installed to discharge higher quality effluent to the Spokane River. The engineering report concerning the final effluent filter will be submitted to the State Department of Ecology. This project will reduce the amount of phosphorus that currently discharges to the Spokane River.

Location:

Other Location

RPWRF 4401 N. A.L. White Parkway

Project Status:

Active

Design will begin in 2013 and construction will begin in 2014.

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Next Level of Treatment Implementation

WWM-2012-106

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$0	\$28,160,000	\$58,400,000	\$58,400,000	\$2,000,000	\$0	\$0	\$146,960,000	\$146,960,000
Total	\$0	\$28,160,000	\$58,400,000	\$58,400,000	\$2,000,000	\$0	\$0	\$146,960,000	\$146,960,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$28,160,000	\$58,400,000	\$58,400,000	\$2,000,000	\$0	\$0	\$146,960,000
Total			\$0	\$28,160,000	\$58,400,000	\$58,400,000	\$2,000,000	\$0	\$0	\$146,960,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

Reclaimed Water Distribution Projects

WWM-2012-110

Executive Summary:

This project will design and construct the recommended facilities, if they are found feasible.

Project Justification:

The purpose of this project is to reduce the amount of phosphorus that currently discharges to the Spokane River and to conserve sole-source Spokane-Rathdrum Prairie Aquifer water.

Location:

Other Location

The location could be anywhere in the City of Spokane

Project Status:

Active

Construction is scheduled to start in 2018.

External Factors:

Council action is required to approve Enterprise Fund Rates in order to fully fund this project.

Maintenance:

Maintenance of capital facilities, buildings and infrastructure has an impact on a Department's operating budget, and thus routine maintenance costs for new and ongoing projects are identified in the table below.

	2014	2015	2016	2017	2018	2019	Total
Expected Annual Maintenance	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Maintenance Comments:

Reclaimed Water Distribution Projects

WWM-2012-110

Spending:

Project Phase	Spending To Date	Estimated Spending							Total
		2014	2015	2016	2017	2018	2019	6-Year Total	
Construction	\$0	\$0	\$0	\$0	\$0	\$1,000,000	\$0	\$1,000,000	\$1,000,000
Design	\$0	\$0	\$0	\$280,000	\$300,000	\$300,000	\$0	\$880,000	\$880,000
Total	\$0	\$0	\$0	\$280,000	\$300,000	\$1,300,000	\$0	\$1,880,000	\$1,880,000

Funding:

Funding Name	Source	Status*	Funding to Date	Estimated Funding						
				2014	2015	2016	2017	2018	2019	Total
Enterprise Fund Rates	Local	Identified	\$0	\$0	\$0	\$280,000	\$300,000	\$1,300,000	\$0	\$1,880,000
Total			\$0	\$0	\$0	\$280,000	\$300,000	\$1,300,000	\$0	\$1,880,000

*Status definitions:

- Unidentified: Funding source has not yet been determined
- Identified: Funding source has been found, but not yet requested
- Applied: Grant or loan application has been submitted, or budget has been requested
- Awarded: Grant or loan has been offered but the contract has not yet been signed or budget has not yet been approved by Council
- Encumbered: Project contract has been signed and funds have been allocated to spend on the project

Funding amounts in red reflect sources that are unidentified, identified or anticipated.

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