

Appendix A - Valley Water Partnership Summary

Partnership Reimbursements are funds that are reimbursed by Valley Water's partners after Valley Water advances the needed funds. The following table identifies capital projects that are funded cooperatively with Valley Water's partners through reimbursements.

Partnership Reimbursement

FY 2021-35 Planned Capital Reimbursement Schedule

Project Number	Project Name	Agency	Claims	Actuals	FY20	FY21	FY22	FY23	FY24	Future	Total
			On-hand (11/26/19)	Thru FY19							
91214010	Small Capital Improvements, San Felipe - Rch 1	Total	0	2,168	339	1,258	453	314	24	6,070	10,626
		San Benito Water Dist		2,168	339	1,258	453	314	24	6,070	10,626
91954002	Pacheco Reservoir Expansion Project	Total	0	588	11,737	8,100	3,775	7,249	82,031	371,070	484,550
		California Water Commission		588	11,737	8,100	3,775	7,249	82,031	371,070	484,550
92144001	Pacheco/Santa Clara Conduit ROW Acquisition	Total	0	19	8	0	0	0	0	0	27
		San Benito Water Dist		19	8	0	0	0	0	0	27
92374005	SCADA Remote Architecture & Comm. Upg	Total	0	0	0	0	0	0	0	0	0
		San Benito Water Dist		0	0	0	0	0	0	0	0
91094007s	South County Recycled Water Pipeline	Total	0	2,106	2,000	2,000	0	0	0	0	6,106
		SCRWA		811							811
		USBR - ARRA		1,295							1,295
		USBR - Title 16		0	2,000	2,000					4,000
26154001s	Guadalupe River-Upper, I-280 - Blossom Hill Rd.	Total	1,682	32,349	1,419	0	0	0	0	0	33,768
		State Subventions	931	27,758	1,419						29,177
		City of San Jose	751	4,591							4,591
26174041s	Berryessa Ck, Calaveras Blvd to I-680	Total	2,708	7,292	6,266	826	0	0	0	0	14,384
		State Subventions		0	3,558	826					4,384
		DWR - Prop 1E	2,708	7,292	2,708						10,000
40174004	Berryessa Ck, Lwr Penitencia Ck - Calaveras Blvd.	Total	3,668	8,504	3,668	2,828	0	0	0	0	15,000
		DWR - Prop 1E	3,668	8,504	3,668	2,828					15,000
40264011	Cunningham Flood Detention Certification	Total	261	0	3,718	1,582	0	0	0	0	5,300
		DWR - Prop 1E	261	0	1,000						1,000
		NRCS			2,718	1,582					4,300
40334005	Lwr Penitencia Ck Imp, Berryessa to Coyote Cks.	Total	0	5,000	0	0	0	0	0	0	5,000
		DWR - Prop 1E	0	5,000							5,000
40264008s	Lwr Silver Ck, I-680 to Cunningham, Rchs 4-6	Total	0	50,408	0	3,378	0	0	0	0	53,786
		State Subventions		8,009		731					8,740
		DWR - Prop 1E		21,353		2,647					24,000
		NRCS-ARRA		20,676							20,676
		City of San Jose		370							370
50284010	Llagas Ck-Lwr, Capacity Restoration	Total	0	120	0	1,000	0	0	0	0	1,120
		State Subventions		120		1,000					1,120
26174051s	Llagas Creek-Upr, Buena Vista to Wright	Total	6,065	23,044	3,415	9,180	6,331	579	0	0	42,549
		State Subventions	6,065	19,703	3,415	9,180	6,331	579			39,208
		City of Morgan Hill		3,341							3,341
26244001	Permanente Creek, SF Bay to Foothill Expway	Total		911	112	0	0	0	0	0	1,023
		Cities of Mountain View and Los Altos		911	112						1,023
10284007s	San Francisquito Creek, SF Bay - Searsville Dam	Total	960	4,520	960	0	0	0	0	0	5,480
		JPA Member Agencies		4,520							4,520
		JPA (Joint Powers Authority)	960	0	960						960
26444001	San Francisco Bay Shoreline	Total		1,656	2,172	2,172	0	0	0	0	6,000
		SFBRA Measure AA (Grant)		1,656	2,172	2,172					6,000
00044026	San Francisco Bay Shoreline	Total		277	18,075	10,784	10,507	10,508	6,146	0	56,297
		SFBRA Measure AA (Grant)		0	17,798	10,507	10,507	10,508	6,146		55,466
		SFBRA Measure AA (Ballot Reimbursement)		277	277						831
26444002	San Francisco Bay Shoreline	Total		420	0	0	0	0	0	0	420
		State Bond - DWR		420							420
62084001	Watersheds Asset Rehabilitation Program	Total		227	0	0	0	0	0	0	227
		City of Palo Alto		227							227
SUBTOTAL - Reimbursements from Current Projects			15,356	162,087	53,889	43,108	21,066	18,650	88,201	377,140	741,663

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Partnership Reimbursement (cont'd)

Pending Reimbursements for Closed Projects			Claims	Actuals						Total	
Project Number	Project Name	Agency	On-hand (01/14/18)	Thru FY19	FY20	FY21	FY22	FY23	FY23	Future	Total
91214001	Pacheco Conduit Inspection & Rehabilitation	Total	12	1,286	0	0	0	0	0	0	1,286
		San Benito Water Dist	12	1,500						0	1,500
91244001	Wolfe Road Recycled Water Pipeline	Total	0	12,201	0	0	0	0	0	0	12,201
		Apple Computer		4,800						0	4,800
		Cal Water		1,500						0	1,500
		City of Sunnyvale		2,101						0	2,101
		DWR - Prop 84		3,800						0	3,800
94384002	Penitencia Delivery Main Seismic Retrofit	Total	0	5,107	0	0	0	0	0	0	5,107
		Department of Water Resources (A3904)		5,107						0	5,107
92224001	Penitencia Force Main Seismic Retrofit	Total	0	3,884	19	0	0	0	0	0	3,903
		Department of Water Resources (A3904)		3,884	19					0	3,903
91184008	Silicon Valley Advanced Water Purification Ctr	Total	0	22,046	0	0	0	0	0	0	22,046
		City of San Jose		8,500						0	8,500
		DWR - Prop 50		2,935						0	2,935
		DWR - Prop 84		2,486						0	2,486
		USBR - ARRA		8,125						0	8,125
30154013s	Guadalupe River-DT, I-880 to I-280	Total	0	39,480	0	500	0	0	0	0	39,980
		State Subventions		27,618		500				0	28,118
		City of San Jose		1,654						0	1,654
		San Jose Redev Agency		10,208						0	10,208
SUBTOTAL - Reimbursements for Closed Projects			0	84,004	19	500	0	0	0	0	84,523
TOTAL REIMBURSEMENTS			15,356	246,091	53,908	43,608	21,066	18,650	88,201	377,140	826,186

Appendix A - Valley Water Partnership Summary

Partnership Funding is funds that are made available by Valley Water’s partners, when needed. The following table identifies capital projects that receive partnership funding. This may occur through either cost sharing agreements or as in-kind services.

Partnership Funding

Project Number	Project Name	Amount (\$K)	Partnering Agency
26174041s	Berryessa Creek, Calaveras Boulevard to Interstate 680	13,600	U.S. Army Corps of Engineers
26154001s	Guadalupe River–Upper, Interstate 280 to Blossom Hill Road	188,000	U.S. Army Corps of Engineers
26174051s	Llagas Creek–Upper, Buena Vista Road to Wright Avenue	65,000	U.S. Army Corps of Engineers
00044026s	San Francisco Bay Shoreline	91,250	USACE, Coastal Conservancy, US Fish & Wildlife, CA Wildlife Conservation, Packard-Hewlett-Goldman-Moore Foundations
10284007s	San Francisquito Creek, SF Bay thru Searsville Dam	3,000	U.S. Army Corps of Engineers
10284007s	San Francisquito Creek, SF Bay thru Searsville Dam	11,040	San Francisquito Joint Powers Authority (DWR)
10284007s	San Francisquito Creek, SF Bay thru Searsville Dam	1,500	County of San Mateo
40324003s	Upper Penitencia Creek, Coyote Creek to Dorel Drive	102,720	U.S. Army Corps of Engineers
		TOTAL	\$ 476,110

Appendix A - Valley Water Partnership Summary

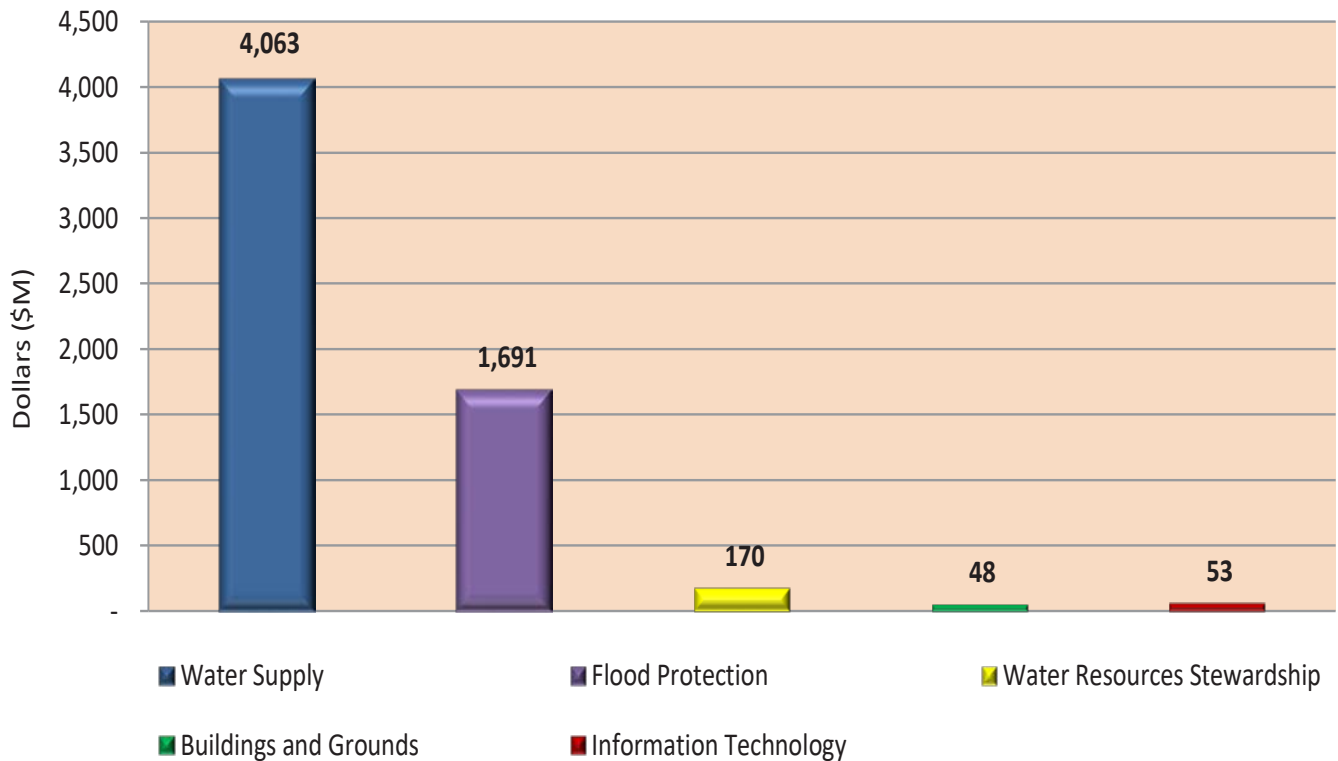
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Appendix B - Summary of Capital Expenditures

Expenditure Schedule by Type of Improvement (\$K)

	THRU FY19 (Actuals)	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31-35	TOTAL
Water Supply	465,860	138,219	139,917	204,863	213,467	388,651	336,865	331,753	500,272	404,847	186,319	221,174	530,613	4,062,820
Flood Protection	711,524	143,310	111,391	154,542	137,425	123,051	48,507	42,634	16,768	38,028	34,655	34,480	94,611	1,690,926
Water Resources Stewardship	31,295	5,045	7,252	36,963	23,199	10,472	27,873	28,355	-	-	-	-	-	170,454
Buildings and Grounds	19	2,063	3,016	5,189	5,199	9,784	5,553	5,655	3,000	3,000	3,000	3,000	-	48,478
Information Technology	8,382	13,267	8,529	1,142	3,928	4,373	1,313	882	682	5,795	560	1,261	3,148	53,262
TOTAL	1,217,080	301,904	270,105	402,699	383,218	536,331	420,111	409,279	520,722	451,670	224,534	259,915	628,372	6,025,940

CIP Expenditures by Type of Improvement

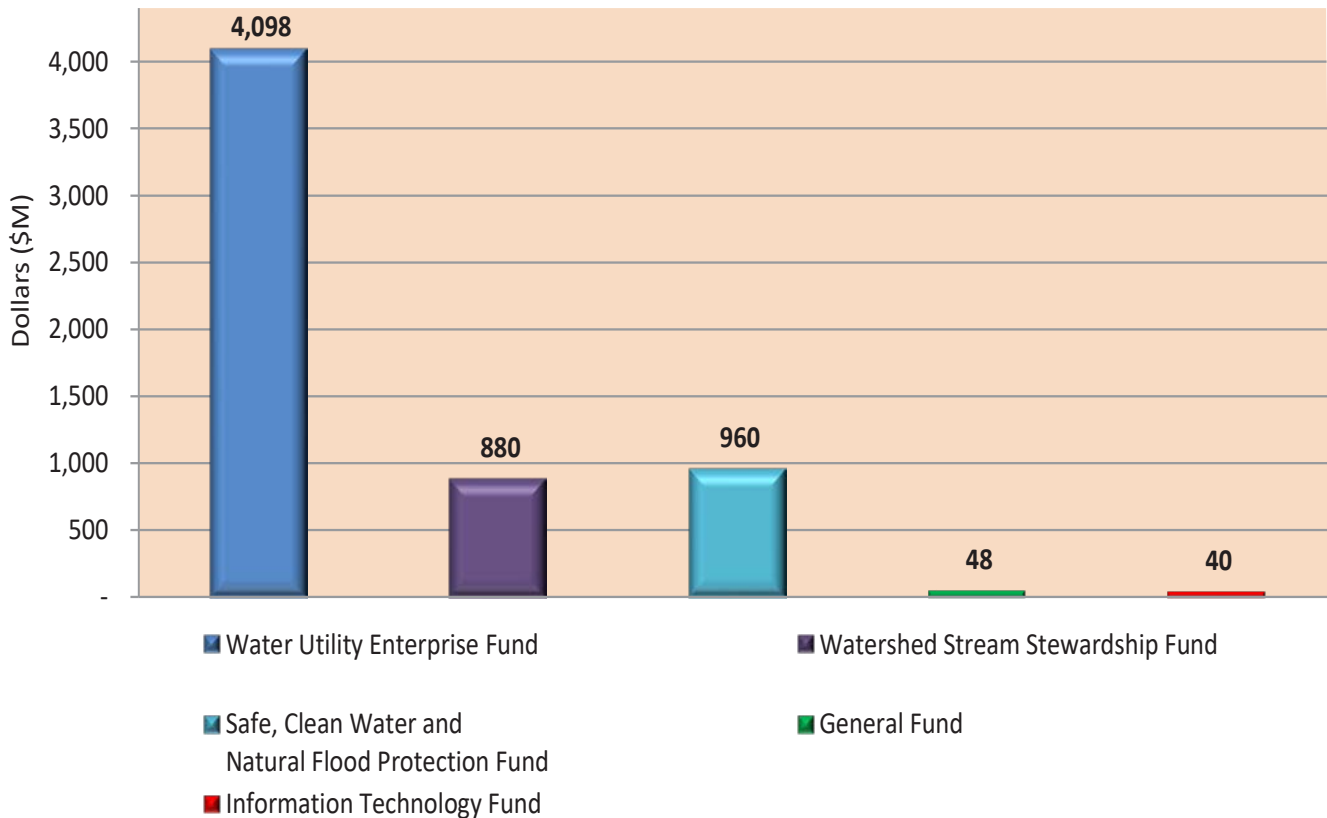


Appendix B - Summary of Capital Expenditures

Expenditure Schedule by Fund (\$K)

	THRU FY19 (Actuals)	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31-35	TOTAL
Water Utility Enterprise Fund	450,377	139,087	139,646	208,180	221,090	393,412	352,112	347,493	500,319	406,329	186,879	221,829	531,214	4,097,967
Watershed Stream Stewardship Fund	331,416	59,953	31,629	45,917	27,669	83,576	48,675	44,543	12,513	33,086	32,705	33,649	94,611	879,942
Safe, Clean Water and Natural Flood Protection Fund	428,223	89,205	88,318	142,475	126,807	48,171	13,312	11,011	4,352	4,942	1,950	831	-	959,597
General Fund	19	2,063	3,016	5,189	5,199	9,784	5,553	5,655	3,000	3,000	3,000	3,000	-	48,478
Information Technology	7,045	11,596	7,496	938	2,453	1,388	459	577	538	4,313	-	606	2,547	39,956
TOTAL	1,217,080	301,904	270,105	402,699	383,218	536,331	420,111	409,279	520,722	451,670	224,534	259,915	628,372	6,025,940

CIP Expenditures by Fund



Appendix C - Safe Clean Water Project Schedules

The following table is an overview schedule for Safe, Clean Water Capital Projects identified in the FY 2021-25 CIP. Detailed information for each project can be found in this document in their respective chapters in the order presented in this table.

Safe, Clean Water Capital Improvement Project Schedules

Project Number	PROJECT NAME	FY00 - FY04	FY05 - FY09	FY10 - FY14	FY15 - FY19	FY20 - FY24	FY25 - FY29
WATER SUPPLY							
91864005	Anderson Dam Seismic Retrofit (C1)						
26764001	IRP2 Additional Line Valves (A3)						
26564001	Main & Madrone Pipelines Restoration (A1)						
FLOOD PROTECTION							
26244001	Permanente Creek, SF Bay to Foothill Expressway						
26284001	San Francisquito Creek, SF Bay thru Searsville Dam (E5)						
26284002	San Francisquito Creek - Construction, SF Bay to Middlefield Road (E5)						
26074002	Sunnyvale East and West Channels						
26154001	Guadalupe Rv-Upper, Fish Passage Mods						
26154002	Guadalupe Rv-Upper, I-280 to SPRR (R6)						
26154003	Guadalupe Rv-Upper, SPRR-Blossom Hill (R7-12)						
26174041	Berryessa Ck, Calaveras-I-680 - Corps						
26174042	Berryessa Ck, Calaveras-I-680 - Reimbursable						
26174043	Coyote Creek, Montague Expressway to Interstate 280						
26324001	Upper Penitencia Ck, Coyote Ck-Dorel Dr, Corps (E4)						
26174051	Llagas Creek-Upper, Reimbursable (E6b)						
26174052	Llagas Creek-Upper, Corps Coordination (E6a)						
26174054	Llagas Creek-Upper, Design						
00044026	San Francisco Bay Shoreline						
62044042	Shoreline Early Implementation						
26444001	San Francisco Bay Shoreline - EIA 11 Design & Partial Construction (E7)						
26444002	San Francisco Bay Shoreline - Other EIAs Planning (E7)						
WATER RESOURCES STEWARDSHIP							
26044001	Almaden Lake Improvements (D4.1a)						
26164001	Hale Creek Enhancement Pilot Study (D6)						
26044002	SCW Fish Passage Improvements (D4.3; Bolsa Road)						
26044003	SCW Ogier Ponds Separation (D4.1b)						
26444003	South Bay Salt Ponds Restoration (D8)						

Legend

	Planning Phase
	Design Phase
	Construction Phase
	Close-out Phase

Appendix C - Safe Clean Water Project Schedules

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Appendix D - Glossary

Ad Valorem Tax

A tax based on value (e.g., a property tax).

Appropriation

An appropriation is a legal authorization granted by the Santa Clara County Board of Supervisors which allows Valley Water to expend cash and incur obligations for specific purposes. An appropriation is usually limited in amount and the time it may be expended.

Assessment

The process of setting the official valuation of property for taxation; the valuation placed upon property as a result of this process.

Asset

A probable future economic benefit obtained or controlled by a particular entity as a result of past transactions or events. Examples of assets are cash, receivables, and equipment.

BAO Board Appointed Officer

Benefit Assessment

Determination of the benefits derived from Valley Water activities within particular watersheds and levying a proportionate share of taxes to each parcel subject to voter-approved limitations.

Bonds

Bonds are a long-term source of debt that provides a source of borrowed monies that can be used to pay for specific capital facilities. Bonds are a written promise to pay a specified sum of money at a predetermined date or dates in the future, called the maturity date(s), together with periodic interest at a specific rate.

Capital Expenditure

Capital expenditures fall into several categories. In general, they should create assets or extend the useful lives of existing assets. The work product results in a long-term benefit greater than two years and for budgeting purposes involved a major expenditure of Valley Water resources greater than \$50,000. They can be made with regard to tangible and intangible assets.

The general categories of capital expenditures are: rehabilitation, major repairs, improvements/betterments/upgrades, replacements, expansions/additions, and ancillary expenditures.

Capital Projects

Projects are budgeted within the Capital budget and fall within the definition of Capital Expenditures; which means they (1) create or extend the life of an asset, (2) their work products have a useful life of greater than two years, and (3) they involve an expenditure of Valley Water resources in excess of \$50,000.

Certificates of Participation (COPs)

A security in the general form of a bond, which evidences a proportionate participation in a flow of lease or other payments between two parties.

CEQA California Environmental Quality Act

CIP Capital Improvement Program

Cost Center

Cost Centers are separate financial accounting centers in which costs are accumulated because of legal and accounting requirements, the first two digits of a project number identifies the cost center.

COVID-19 Disease caused by novel Coronavirus, which has become a pandemic in 2020.

DPR Direct Potable Reuse

DWR State Department of Water Resources

EIR Environmental Impact Report

Encumbrances

Commitments related to unperformed (executory) contracts for goods or services. Encumbrances represent the estimated amount of expenditures that will result if unperformed contracts in process are completed.

Appendix D - Glossary

Enterprise Fund

Enterprise Funds are used to account for operations including debt service (a) that are financed and operated in a manner similar to private business, where the intent of the government body is that the costs (expenses, including depreciation) of providing goods or services to the general public on an accounting basis is financed or recovered primarily through user charges; or (b) where the governing body has determined that periodic determination of revenues earned, expenses incurred, and/or net income is appropriate for capital maintenance, public policy, management control accountability, or other purposes.

ERP Enterprise Resource Planning

Expenditure/Expense

Decreases in net financial resources. Expenditures include current operating expenses requiring the present or future of net current assets, debt service and capital outlays, and intergovernmental grants, entitlements, and shared revenues. The major expenditure categories used by Valley Water are labor and overhead, land and structures, equipment, and debt service.

Facility

Defined as a creek, reservoir, dam, water treatment plant, pipeline, canal, etc.

Fixed Assets

Fixed Assets are defined as long-lived tangible assets such as automobiles, computers and software, furniture, communications equipment, hydrologic equipment, office equipment, and other equipment, with a value of \$2,000 or more, or the combined value of like or related units (aggregate value) is greater than \$5,000 if the unit value is less than \$2,000.

Fiscal Year

A 12-month period to which the annual operating budget applies and at the end of which a government determines its financial position and the results of its operations. Valley Water's fiscal year is July 1 through June 30.

Fund

A fiscal and accounting entity with a self-balancing set of accounts in which cash and other financial resources, all related liabilities and residual equities, or balances, and changes therein, are recorded and segregated to carry on specific activities or attain certain objectives in accordance with special regulations, restrictions or limitations.

General Fund

A fund used to account for major operating revenues and expenditures, except for those financial transactions that are required to be accounted for in another fund. General Fund revenues are derived primarily from property and other taxes.

Grants

Contributions or gifts of cash or other assets from another government entity to be used or expended for a specified purpose, activity, or facility.

HVAC Heating, Ventilation, and Air Conditioning

IPR Indirect Potable Reuse

JPA Joint Power Authority

KPI

Each project under the Safe, Clean Water Program has Key Performance Indicators (KPIs) that define the deliverables that are Valley Water's commitment to the voters. Safe, Clean Water Projects may have multiple KPIs and each KPI may result in separate or multiple projects within the Capital Improvement Program.

Levy

(1. Verb) To impose taxes, special assessments, or service charges for the support of government activities; (2. Noun) The total amount of taxes, special assessments, or service charges imposed by a government agency.

Long-Term Debt

Debt with a maturity date of more than one year after the date of issuance.

Appendix D - Glossary

MGD Million Gallons per Day

One-Percent Flood or 100-Year Flood

Has a 1% chance of occurring in a given year. Valley Water projects are usually designed for the 1% flood, a national standard established by the Federal Emergency Management Agency (FEMA).

Operating Expenditure

Operating expenditures are system costs required for the daily process of providing water and watershed management services, including the administrative and overhead costs to support these services.

Operating expenditures are costs necessary to maintain the systems in good operating condition. This includes the repair and replacement of minor property components. The American Waterworks Association (AWWA) says that these priority components should be smaller than a retirement unit; a retirement unit is a readily separable and separately useful item that is part of a larger assembly. The benefit and life of such repairs should be less than two years. Any repairs that recur on an annual basis are considered operating activities of a maintenance nature.

Operating expenditures are often separated into fixed and variable costs for purposes of understanding operating leverage and structuring service charge rates.

Operations

Expenditures required for the daily process of providing water and watershed management services, including the administrative and overhead costs to support these services. Operations include work that is generally of an ongoing or recurring nature. Any Valley Water work that is not a project is, by definition, an Operation. Operations, although recurring, require close coordination and a high degree of management oversight; however, they can be accomplished without the application of the full range of tools and processes used for managing projects.

P3 Public Private Partnership

Projects

At Valley Water, a project is any undertaking which has (1) a beginning and an ending, and (2) is a one-time occurrence. Projects can require expenditure of capital or operating funds and, at Valley Water, are called Capital or Operating Projects, accordingly. Project usually, but not always, relate to a Valley Water facility or facilities (a creek, a reservoir, a dam, a water treatment plant, a pipeline,, etc.). Projects may include studies, design, construction, maintenance, or implementation of systems such as Records Management or Financial Management System.

Revenue

Monies Valley Water receives in exchange for services or sales provided. Revenue items include water sales, property tax revenues, benefit assessment revenues, interest income, intergovernmental reimbursement, and other.

Revenue Bonds

Bonds, whose principal and interest are payable exclusively from earnings of an enterprise fund. In addition to a pledge of revenues, such bonds sometimes contain a mortgage on the enterprise fund's property.

Reserve

An account used to indicate that a portion of a fund's assets are legally restricted for a specific purpose and is, therefore, not available for general appropriation.

SCADA

Supervisory Control and Data Acquisition

SCW

The Safe, Clean Water and Natural Flood Protection Program (Safe, Clean Water Program) is a countywide special parcel tax that was approved by voters on November 6, 2012 as a replacement to the Clean, Safe Creeks and Natural Flood Protection Plan. This Program combines the main operational areas of Valley Water in water supply, flood protection and stewardship, and represents an integrated approach to addressing community priorities. The 15-year Program became effective on July 1, 2013 and has a sunset date of June 30, 2028.

Appendix D - Glossary

WTP Water Treatment Plant

WQL Water Quality Lab