

Water and Wastewater Divisions
Capital Project Management Delivery System Report
Planned FY 2019 Capital Project Activity ⁽¹⁾

	ProjectID	Project Name	FY19 Project Activity	FY2019 Cash Flow (1)	Actuals Cost to Date (2)	Remaining Cost (3)	Planned Construction Completion Date	Council District
411501 - Water Division								
Surface Water Treatment Facility								
	WC00057-SEWTF	Southeast Surface Water Treatment Facility	Construction, Close Out	\$ 9,738,821	\$ 178,483,934	\$ 23,014,239	September-18	4
Raw Water Pipelines								
	WC00038-FKCP	Friant-Kern Canal Pipeline	Construction, Close Out	\$ 636,720	\$ 26,598,044	\$ 1,875,057	May-18	6, County
	WC00057-KRP	Kings River Pipeline	Construction, Close Out	\$ 505,065	\$ 51,158,217	\$ 7,095,511	July-18	5, County, SOI
Finished Water Pipelines								
	WC00065-2RMFD	Phase 2 Regional Transmission Mains	Construction, Close Out	\$ 17,503,530	\$ 58,149,817	\$ 24,585,959	May-18	1,3,4,5,7
Water Storage								
	WC00021-CLWL2	NE SWTF Water Storage Tank	Final Design, Construction	\$ 5,504,296	\$ 552,271	\$ 13,979,102	March-20	6
Groundwater Recharge								
	WC00022-GREP	Leaky Acres Groundwater Enhancement Project	Construction	\$ 134,932	\$ -	\$ 269,300	November-20	4
	WC00050-GNL	City Recharge Basins - NR	Funding for future projects	\$ 1,000,000	\$ -	\$ 7,000,000	No Construction	City Wide
	WC00033-FMFCD	Recharge Facilities - FMFCD	General Activity	\$ 225,000	\$ -	\$ 1,350,000	No Construction	City Wide
Water Systems Renewal & Replacement - Pipelines								
	WC00004-GNL	Water Main Extension - NR	Funding for future projects	\$ 500,000	\$ -	\$ 4,500,000	No Construction	City Wide
	WC00004-J5438	Veterans Blvd	Construction	\$ 1,135,411	\$ 105,151	\$ 4,713,039	PH1 - February-19 PH2 - November-19 PH3 - November-20 PH4 - December-20	2
	WC00004-J5509	Orange Center Elementary School Connection	Construction, Close Out	\$ 1,052,980	\$ 1,766,022	\$ 1,100,774	December-18	City Wide
	WC00004-J5618	Daleville	Construction, Close Out	\$ 393,142	\$ 100,705	\$ 406,471	June-18	County, SOI
	WC00004-J5675	Armstrong Extension	Final Design, Construction, Close Out	\$ 1,216,777	\$ 339,039	\$ 1,296,476	November-18	City Wide
	WC00004-J5731	T-4 Downtown Water System Enhancements	Schematic Design, Final Design, Construction, Close Out	\$ 1,484,960	\$ 102	\$ 1,624,800	April-19	3
	WC00005-GNL	Water Main Renewal - NR	Funding for future projects	\$ -	\$ -	\$ 36,421,800	No Construction	City Wide
	WC00005-J5464	Bullard-Van Ness	Close Out	\$ 1,796	\$ 2,712,610	\$ 6,884	September-17	2, County Island
	WC00005-J5467	Maroa Avenue	Close Out	\$ 595	\$ 872,018	\$ 118	January-18	1, 3
	WC00005-J5468	Maroa Heights	Final Design, Construction, Close Out	\$ 6,162,089	\$ 169,061	\$ 9,350,703	May-20	2, County Island
	WC00005-J5507	Sierra Sky Park	Construction, Close Out	\$ 1,352,831	\$ 215,484	\$ 2,481,387	October-18	2, County Island
	WC00005-J5508	Fulton Mall	Close Out	\$ 896	\$ 672,047	\$ 61,236	May-18	3
	WC00005-J5593	Thorne Ave	Final Design, Construction, Close Out	\$ 407,903	\$ 52,960	\$ 436,428	December-18	3
	WC00005-J5673	College Homes	Construction, Close Out	\$ 1,594,755	\$ 52,973	\$ 2,390,618	June-19	4
	WC00005-J5697	Mono & H Intertie	Close Out	\$ 135	\$ 34,429	\$ 500	October-17	3
	WC00005-J5717	Airways Golf Course	Schematic Design, Final Design, Construction	\$ 959,090	\$ -	\$ 961,286	July-20	4
	WC00005-J5718	Fig Garden West	Project Definition, Schematic Design, Final Design	\$ 897,074	\$ -	\$ 5,050,387	September-20	2
	WC00085-GNL	Transmission Grid Mains - NR	Funding for future projects	\$ 100,000	\$ -	\$ 6,100,000	No Construction	City Wide
Water Systems Renewal & Replacement - Groundwater								
	WC00015-GNL	Water Well Development - NR	Funding for future projects	\$ 400,000	\$ -	\$ 2,000,000	No Construction	City Wide
	WC00016-GNL	Water Well Construction - NR	Funding for future projects	\$ 316,100	\$ -	\$ 13,392,770	No Construction	City Wide
	WC00016-P051A	Pump Station 51A	Schematic Design, Final Design, Construction, Close Out	\$ 803,430	\$ 319,523	\$ 1,372,805	May-19	7
	WC00016-P060A	Pump Station 60A	Construction, Close Out	\$ 633,826	\$ 335,273	\$ 805,989	May-19	1

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	WC00016-P156	Pump Station 156	Schematic Design, Final Design, Construction, Close Out	\$ 615,496	\$ 668,004	\$ 682,273	April-19	2
	WC00016-P210A	Pump Station 210A	Final Design, Construction, Close Out	\$ 344,664	\$ 957,601	\$ 641,466	March-19	County Island
	WC00016-P2412	Pump Station 241-2	Final Design, Construction, Close Out	\$ 561,454	\$ 596,350	\$ 550,203	April-19	County Island
	WC00016-P2432	Pump Station 243-2	Project Definition	\$ 70,515	\$ 129,911	\$ 923,463	November-21	2
	WC00016-P303A	Pump Station 303A	Close Out	\$ 1,586	\$ 1,862,694	\$ 3,210	December-17	County Island
	WC00016-P372	Pump Station 372	Project Definition, Schematic Design	\$ 144,581	\$ -	\$ 1,203,950	October-20	3
	WC00017-GNL	Well Rehabilitation - NR	Funding for future projects	\$ 1,400,000	\$ -	\$ 14,144,500	No Construction	City Wide
	WC00017-P284	Well Rehab PS 284	Construction, Close Out	\$ 26,383	\$ 11,115	\$ 227,381	July-18	2
	WC00018-GNL	Pump Rehabilitation - NR	Funding for future projects	\$ 100,000	\$ -	\$ 1,800,000	No Construction	City Wide
	WC00020-P117	Pump Station 117	Final Design, Construction, Close Out	\$ 1,534,354	\$ 530,409	\$ 1,604,758	May-19	County
	WC00020-P349	Pump Station 349 GAC		\$ -	\$ 127,980	\$ 5,000	June-17	4
	WC00058-GNL	DWI Wellhead Treatment	General Activity	\$ 1,000,000	\$ 415,201	\$ 3,478,300	No Construction	City Wide
	WC00088-TCP	TCP Plan	Planning	\$ 10,000	\$ 224,056	\$ 71,538	No Construction	City Wide
	WC00090-WHCIS	Wellhead Corrosion Inhibitor Systems	Construction, Close Out	\$ 327,671	\$ 103,704	\$ 814,326	October-18	City Wide
	WC00092-P070	TCP Remediation PS 70	Final Design, Construction, Close Out	\$ 246,724	\$ -	\$ 258,500	August-18	4
	WC00092-TCPR	TCP Remediation - NR	Funding for future projects	\$ 5,000,000	\$ -	\$ 25,000,000	No Construction	City Wide
Water Systems Renewal & Replacement - Other								
	WC00001-J4830	Fire Hydrant Installations	General Activity	\$ 15,000	\$ 2,883	\$ 88,432	No Construction	City Wide
	WC00002-GNL	Service/Meter 2" and Below	General Activity	\$ 1,054,900	\$ 3,395,502	\$ 6,053,822	No Construction	City Wide
	WC00006-GNL	Service/Meter Above 2"	General Activity	\$ 716,000	\$ 2,173,473	\$ 3,982,752	No Construction	City Wide
	WC00014-GNL	Combined / Multiple Installation	General Activity	\$ 618,800	\$ 1,879,588	\$ 3,487,212	No Construction	City Wide
	WC00021-CAOH	Calcium Hydroxide Feed System	Close Out	\$ 1,331	\$ 469,327	\$ 3,000	January-18	6
	WC00021-CO2IS	NE SWTF CO2 Injection System Expansion Project	Final Design, Construction, Close Out	\$ 315,031	\$ 4,367	\$ 463,433	August-19	6
	WC00021-FIBER	NE SWTF Fiber Connection	Final Design, Construction	\$ 154,500	\$ 2,289	\$ 167,000	No Construction	6
	WC00021-GEN	NE SWTF Emergency Generator	Close Out	\$ 3,501	\$ 1,711,284	\$ 66,916	March-18	6
	WC00023-BBGU	Badger Beacon AMI Gateway Upgrade	Construction	\$ 628,317	\$ -	\$ 842,375	July-19	City Wide
	WC00023-GNL	Water Telemetry System - NR	Funding for future projects	\$ -	\$ -	\$ 2,000,000	No Construction	City Wide
	WC00023-GSHU	Groundwater SCADA and Historian Upgrade	General Activity	\$ 404,737	\$ -	\$ 404,737	No Construction	City Wide
	WC00023-GWRTU	Groundwater RTU PLC Replacement	General Activity	\$ 350,000	\$ 28,473	\$ 350,000	No Construction	City Wide
	WC00023-ODFLW	Obsolete/Damaged Flowmeter Replacement	General Activity	\$ 120,000	\$ 245,381	\$ 159,833	No Construction	City Wide
	WC00023-RSRN	Redundant SCADA Radio Network	General Activity	\$ 12,659	\$ -	\$ 19,704	No Construction	City Wide
	WC00023-T3SCU	T3 SCADA Upgrade	Project Definition	\$ 959,657	\$ -	\$ 961,827	No Construction	City Wide
	WC00023-TPVW	Groundwater SCADA Topview Alarm Reporting	General Activity	\$ 221,132	\$ -	\$ 221,132	No Construction	City Wide
	WC00023-WDSNR	Water Division System Network Replication	General Activity	\$ 486,836	\$ -	\$ 487,840	No Construction	City Wide
	WC00024-GNL	Water Yard Expansion/Improvement	General Activity	\$ 65,000	\$ 116,229	\$ 358,574	No Construction	7
	WC00051-DIVFS	Houghton and Dry Creek Canal Diversion Feasibility Study	Planning	\$ 2,909	\$ 19,412	\$ 5,679	No Construction	City Wide

[illegible]

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		RC00175-CD001	Odor Control for Collection System Feasibility Study	Planning	\$ -	\$ -	\$ 2,016,416	October-19	City Wide
		RC00176-CCMMS	CMMS Enhancements	Software Upgrade	\$ 330,000	\$ -	\$ 330,000	No Construction	City Wide
414501 - Wastewater Treatment									
Wastewater Treatment									
		TC00014-GNL	RWRF emergency large scale repairs	Funding for future projects	\$ 750,000	\$ -	\$ 4,750,000	No Construction	3
		TC00111-MP002	Regional Wastewater Reclamation Facilities Master Plan Update	Planning	\$ 145,098	\$ 26,717	\$ 473,283	No Construction	3
		TC00154-SG001	Renewable Gas Diversion	Final Design, Construction, Close Out	\$ 8,377,031	\$ 267,945	\$ 8,515,022	June-19	3
		TC00158-WW008	Water Supply Reliability Improvements	Final Design, Construction	\$ 281,719	\$ 615,789	\$ 453,900	April-19	3
		TC00159-SG002	Flare Capacity Expansion	Schematic Design, Final Design	\$ 4,183,031	\$ 666,086	\$ 9,029,791	January-20	3
		TC00160-SG003	RWRF Property Conditioned Digester Gas	Project Definition	\$ 365,997	\$ 26,108	\$ 1,426,738	October-19	3
		TC00162-BL001	Laboratory Remodel (heat source and electrical capacity improvements)	Final Design, Construction, Close Out	\$ 167,161	\$ 24,007	\$ 169,189	December-18	3
		TC00164-HS001	Headworks Barscreen	Final Design, Construction, Close Out	\$ 565,339	\$ 3,524	\$ 597,042	April-19	3
		TC00165-MP001	Residuals Master Plan	Planning	\$ 88,844	\$ 2,611	\$ 107,389	No Construction	3
		TC00168-SH004	Boiler Replacement for PGF	Project Definition	\$ 467,988	\$ 50,011	\$ 4,261,432	March-20	3
		TC00169-EP001	Substation Expansion	Schematic Design, Final Design	\$ 158,039	\$ 2,441	\$ 1,842,169	March-20	3
		TC00172-NG001	RWRF Property Gas Pipeline	Project Definition	\$ 792,923	\$ 1,114	\$ 2,630,406	October-19	3
		TC19007-GNL	Headworks Bar Screen Replacements	Funding for future projects	\$ -	\$ -	\$ 790,000	No Construction	3
		TC19007-HC001	Replace 4 Air Handling Units	Project Definition thru Construction	\$ 350,000	\$ -	\$ 350,000	April-19	3
		TC19007-HS002	Headworks Bar Screen FY19	Project Definition thru Construction	\$ 395,000	\$ -	\$ 395,000	April-19	3
		TC19008-SS001	Sidestream Treatment	Project Definition	\$ 166,011	\$ -	\$ 4,330,000	April-25	3
		TC19009-GNL	Digester cleaning (TC00043)	Funding for future projects	\$ -	\$ -	\$ 900,000	No Construction	3
		TC19009-SG004	Air Emission Enhancements	Project Definition	\$ 1,600,000	\$ -	\$ 1,600,000	No Construction	3
		TC19009-SH005	Digester #5 Cleaning / Rehab	Project Definition thru Construction	\$ 1,389,287	\$ -	\$ 1,393,530	April-19	3
		TC19009-SH006	Digester #7 Cleaning / Rehab	Project Definition thru Construction	\$ 2,834,857	\$ -	\$ 2,839,819	March-19	3
		TC19009-SH007	Digester Chopper Mix Pumps	Project Definition thru Construction	\$ 200,000	\$ -	\$ 200,000	May-19	3
		TC19009-SH008	Digester #14	Project Definition	\$ -	\$ -	\$ 21,668,000	December-23	3
		TC19009-SH009	Digester #6 Cleaning / Rehab	Project Definition	\$ 7,500	\$ -	\$ 187,500	February-20	3
		TC19009-SH010	Digester #8 Cleaning / Rehab	Project Definition	\$ 7,500	\$ -	\$ 187,500	February-20	3
		TC19011-EC001	A-Side Effluent Canal Improvements	Project Definition	\$ -	\$ -	\$ 3,305,500	March-20	3
		TC19012-BL003	Headworks Elevator Upgrade	Project Definition thru Construction	\$ 179,400	\$ -	\$ 179,400	May-19	3
		TC19012-BL004	Headworks Cooling Tower Replacement	Project Definition thru Design	\$ 300,000	\$ -	\$ 300,000	June-19	3
		TC19012-BL005	Building Reroofing	General Activity	\$ 90,000	\$ -	\$ 90,000	No Construction	3
		TC19012-GN002	Repair / Replace plant paving FY 19	General Activity	\$ 100,000	\$ -	\$ 100,000	No Construction	3
		TC19012-GNL	Repair / Replace plant paving (TC00028)	General Activity	\$ -	\$ -	\$ 400,000	No Construction	3
		TC19013-NP001	Expansion of NFWRF Design	Project Definition	\$ 600,000	\$ -	\$ 4,600,000	October-26	3
		TC19017-GC001	Gas Conditioning System Improvements	Project Definition	\$ 250,000	\$ -	\$ 650,000	No Construction	3
Recvcles Water Treatment and Conveance									

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		TC00096-CLR01	Recycled Water Chlorination Facility at RWRP	Construction	\$ 738,413	\$ -	\$ 900,000	June-19	3
		TC00096-J5698	Recycled Water Main Oasis Park	Final Design, Construction, Close Out	\$ 9,602,632	\$ 1,794	\$ 10,003,006	June-19	3
		TC00096-SW001	Southwest Recycled Water Projects	Final Design, Construction	\$ 23,106,178	\$ 31,011,648	\$ 39,683,129	July-18	3, 7, County
		TC00097-NE001	Northeast Recycled Water Projects	Planning	\$ 72,900	\$ 339,170	\$ 168,909	No Construction	1, 2
		TC00101-NW001	Northwest Recycled Water Projects	Planning	\$ 270,500	\$ 965,850	\$ 901,533	January-28	4, 6
		TC00120-GNL	Recycled Water Recharge Facilities	Funding for future projects	\$ -	\$ -	\$ 3,091,000	No Construction	3
		TC00142-UC001	Southwest Recycled Water System User Connections	General Activity	\$ 1,455,000	\$ 1,062,380	\$ 2,529,721	No Construction	3, 7, County
		TC00145-TB001	Airport Recycled Water Treatment Facility	Planning	\$ 603,007	\$ 7,635	\$ 96,195,615	June-23	4
		TC00146-GNL	Airport Recycled Water Facility Wastewater Diversion System	Planning	\$ 16,000	\$ -	\$ 12,093,000	June-23	4
		TC00171-J5729	RWRP Property Recycled Water Pipeline	Design, Construction	\$ 65,000	\$ -	\$ 65,000	October-18	3
		TC00173-GNL	Airport Recycled Water Facility Distribution System	Planning	\$ 19,550	\$ -	\$ 14,795,200	June-23	4
		TC00174-TP001	Reclamation Well System Intertie to Tertiary Treatment	Final Design, Construction, Close Out	\$ 3,331,897	\$ 9,020	\$ 3,407,980	May-19	3
		TC19015-UC002	Recycled Water System User Connections - Oasis Park	General Activity	\$ 145,000	\$ -	\$ 725,000	No Construction	3
		TC19019-J5732	Recycled Water Main Woodward Park	Design	\$ 2,024	\$ -	\$ 4,600,000	June-20	6
		TC23001-GNL	Design of Reclamation Facility in Southeast	Funding for future projects	\$ -	\$ -	\$ 4,000,000	No Construction	5
Other Projects									
		TC00112-GNL	Wastewater System Enhancements/Upgrades	Funding for future projects	\$ -	\$ -	\$ 10,500,000	No Construction	3
		TC00167-WR003	Downtown Basin Acquisition	Project Definition	\$ 3,000,000	\$ -	\$ 3,000,000	No Construction	3
		TC00170-BL002	DPU Administration & Maintenance Facility	Project Definition, Schematic Design	\$ 3,000,000	\$ -	\$ 17,000,000	May-20	4
		TC19011-EW001	Reclamation Well Repair/Replacement FY19	General Activity	\$ 300,000	\$ -	\$ 300,000	April-19	3
		TC19011-GNL	Reclamation Well Repair/Replacement	Funding for future projects	\$ -	\$ -	\$ 1,200,000	No Construction	3
		TC19016-GPMGT	General Project Management and Coordination (program Mgmt)	General Activity	\$ 700,000	\$ -	\$ 1,300,000	No Construction	3

- (1) FY2019 Cash Flow values includes estimation of expenditures from July 2018 through June 2019. Does not include portions of current or future encumbered contract amounts that will be spent before or after.
- (2) Actual Cost to Date values includes all actual expenditures through April 2018, including amounts paid against encumbered contracts.
- (3) Remaining Cost values include projected expenditures from May 2018 through completion of project, including amounts projected to be paid against encumbered or future contracts.