DELTA DIABLO 5-YEAR CAPITAL IMPROVEMENT PROGRAM FISCAL YEAR 2023/2024-2027/2028 PROGRAM SUMMARY

			Approved	Total FY22/23	Projected FY22/23	Estimated	FY23/24		FY24/25		FY25/26		FY26/27		FY27/28			
Project Name	Project No.	Lead Dept.	Budget	Budget	Cash Flow	Carryover Budget FY22/23	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	5-Year Total Budget	5-Year Total Cashflow
	NO.	Бери.	FY22/23	Appropriation	(as of Jan)	to FY23/24	Budget	Cashflow	Budget	Cashflow	Budget	Cashflow	Budget	Cashflow	Budget	Cashflow	Buaget	Casillow
Wastewater Capital Asset (Fund 120)			- 1															
Asset Management Program	19109	ES	0	125,000	125,000	0	250,000	250,000	0	50,000	0	0	0	50,000	0	0	\$250,000	\$250,000
Conveyance and Treatment Systems Reliability Improvements RWF & TP Intertie	23107 TBA	RRS ES	50,000 0	50,000 0	50,000	0	50,000	50,000 0	50,000 0	50,000 0		50,000	50,000 300,000	50,000 300,000		50,000 1,200,000	\$250,000 \$1,500,000	\$250,000 \$1,500,000
Wastewater Capital Asset Replacement (Fund 130)	Wastewater Capital Asset Replacement (Fund 130)																	
Treatment Plant Switchgear Replacement	17120	ES	5,000,000	5,133,043	3,500,000	1,633,043	0	1,633,043	0	0	0	0	0	0	0	0	\$0	\$1,633,043
Treatment Plant Roadway Maintenance Project	18115	ES	0	0	0	0	0	0	250,000	250,000		750,000	0	0	0	0	\$1,000,000	\$1,000,000
Emergency Retention Basin Improvements	19110 19111	ES	500,000	500,000	0	500,000	0	250,000	500,000	750,000		500,000	0	0	0	0	\$500,000	\$1,000,000
Triangle Pump Station and Force Main Replacement Aboveground Fuel Storage Tank Rehabilitation	20113	ES ES	100,000	200,000	0	200,000	200,000	400,000	0	0	500,000	500,000	0	0	0	0	\$500,000 \$200,000	\$500,000 \$400,000
Pump Station Grinder Replacements	20115	RRS	0	0	0	0	0	0	100,000	100,000	0	0	100,000	100,000	0	0	\$200,000	\$200,000
PFM 2401 Dresser Coupling Removal & ARV2001 Repair	21116	ES	0	0	0	0	350,000	350,000	0	0	0	0	0	0	0	0	\$350,000	\$350,000
Digester Nos. 1-2 Cleaning and Repair	21118	RRS	0	150,000	50,000	100,000	250,000	350,000	0	0	0	0	0	0	0	0	\$250,000	\$350,000
Small District Capital Asset Project	22100	ES	0	25,000	25,000	0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	\$250,000	\$250,000
Cogen System Improvements	22114 22121	ES	100,000	350,000 100,000	250,000	100,000	1,500,000	1,600,000	4,000,000	4,000,000	1,050,000	1,050,000	0	0	0	0	\$6,550,000	\$6,650,000
Vactor Decant Facility CCT Analyzer Building Improvements	22121	ES ES	0	100,000	50,000	100,000 50,000	300,000	350,000	200,000	300,000	0	0	0	0	1 0	0	\$200,000 \$300,000	\$300,000 \$350,000
Cathodic Protection Monitoring Program	22124	ES	50,000	50,000	50,000	0	50,000	50,000	0	0	50,000	50,000	0	0	50,000	50,000	\$150,000	\$150,000
Manhole Performance Monitoring Program	22125	ES	0	50,000	50,000	0	50,000	50,000	0	0	50,000	50,000	0	0	50,000	50,000	\$150,000	\$150,000
Unanticipated WW Treatment & Conveyance Infrastructure Repairs	23109	ES	750,000	750,000	750,000	0	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	\$2,500,000	\$2,500,000
Lab Equipment Replacement	23110	RRS	25,000	25,000	25,000	0	125,000	125,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	\$225,000	\$225,000
IT Equipment Replacement	23111	BS	50,000	50,000	50,000	0	50,000	50,000	400,000	400,000	50,000	50,000	50,000	50,000	50,000	50,000	\$600,000	\$600,000
Vehicle Replacements Dewat Polymer Separation	23113 23114	RRS RRS	150,000 160,000	281,635 160,000	281,635	160,000	450,000	450,000 160,000	350,000	350,000	150,000	150,000	150,000	150,000	150,000	150,000	\$1,250,000	\$1,250,000 \$160,000
Cogeneration Engine Rebuild	23114	RRS	400,000	400,000	400,000	160,000	0	160,000	0	0	0	0	0	0	0	0	\$0 \$0	\$100,000
Willow Pass Interceptor Repair	23118	ES	300,000	300,000	100,000	200,000	300,000	500,000	2,500,000	2,500,000	0	0	0	0	0	0	\$2,800,000	\$3,000,000
CCT Assessment and Repair (New)	24110	ES	0	0	0	0	500,000	500,000	0	0	0	0	0	0	0	0	\$500,000	\$500,000
Conveyance System Assessment (New)	24111	ES	0	0	0	0	500,000	500,000	0	0	100,000	100,000	0	0	100,000	100,000	\$700,000	\$700,000
Treatment Plant Outfall Pipeline Cleaning & Inspection	24115	ES	0	0	0	0	600,000	600,000	0	0	0	0	0	0	0	0	\$600,000	\$600,000
Pump Station Facilities Repair Biosolids Management Master Plan	80008 TBA	ES ES	181,086	649,820	250,000	399,820	0	399,820	400,000	400,000	0	0	0	0	0	0	\$400,000	\$399,820 \$400,000
Electrical System Master Plan	TBA	FS	0	0	0	0	0	0	400,000	400,000	300,000	300,000	0	0	0	0	\$300,000	\$300,000
Arc Flash Study	TBA	ES	0	0	0	0	0	0	0	0	300,000	300,000	0	0	0	0	\$300,000	\$300,000
SCADA Master Plan Update	TBA	ES	0	0	0	0	0	0	0	0	0	0	500,000	500,000	0	0	\$500,000	\$500,000
Primary Clarifier Nos. 1 - 4 Coating	TBA	ES	0	0	0	0	0	0	0	0	400,000	400,000	500,000	500,000	500,000	500,000	\$1,400,000	\$1,400,000
Primary Clarifiers Controls System Improvements	TBA	ES	0	0	0	0	0	0	250,000	250,000	0	0	0	0	0	0	\$250,000	\$250,000
Tower Mixing Chamber and Overflow Structure Rehabilitation RAS Pump Rehabilitation	TBA TBA	ES ES	0	0	0	0	0	0	600,000	600,000	900,000	900,000	300,000	300,000	0	0	\$1,500,000 \$300,000	\$1,500,000 \$300,000
Digester No. 3 Cleaning & Repair	TBA	ES	0	0	0	0	0	0	200,000	200,000	200,000	200,000	300,000	300,000	0	0	\$400,000	\$400,000
Secondary Clarifier Area Improvements	TBA	ES	0	0	0	0	0	0	200,000	200,000	350,000	350,000	650,000	650,000	0	0	\$1,000,000	\$1,000,000
Treatment Plant Structural Assessment & Rehabilitation	TBA	ES	0	0	0	0	0	0	250,000	250,000	450,000	450,000	,	,	0	0	\$700,000	\$700,000
Gravity Belt Thickener Improvements	TBA	ES	0	0	0	0	0	0	0	0	300,000	300,000	1,000,000	1,000,000	0	0	\$1,300,000	\$1,300,000
WAS Pump Station Rehabilitation	TBA	ES	0	0	0	0	0	0	0	0	50,000	50,000	0	0	0	0	\$50,000	\$50,000
RAS Meter Pit Improvements Chemical Canopy Rehabilitation	TBA TBA	ES ES	0	0	0	0	0	0	0	0	300,000	300,000	00,000	800,000	0	0	\$300,000 \$800,000	\$300,000 \$800,000
FEB Slide Gate Replacements	TBA	ES	0	0	0	0	0	0	0	0	0	0	000,000	000,000	400,000	400,000	\$400,000	\$400,000
Condition Assessment of Treatment Plant Underground Piping	TBA	ES	0	0	0	0	0	0	0	0	400,000	400,000	0	0	0	0	\$400,000	\$400,000
Operational Improvements at Aeration Basins	TBA	ES	0	0	0	0	0	0	0	0	0	0	400,000	400,000		0	\$400,000	\$400,000
Sanitary Drain PS Rehabilitation	TBA	ES	0	0	0	0	0	0	0	0	0	0	. =		600,000	600,000	\$600,000	\$600,000
Centrifuge Platform Area Improvements	TBA	ES	0	0	0	0	0	0	0	0	0	0	1,500,000	1,500,000	2,000,000	2,000,000	\$3,500,000	\$3,500,000
Improvements at Secondary Effluent Feed to RWF CCT Sluice Gates & Chemical Mixer Replacements	TBA TBA	ES RRS	0	0	0	0	0	0	0	0	0	0	400,000	400,000	150,000 1,100,000	150,000 1,100,000	\$150,000 \$1,500,000	\$150,000 \$1,500,000
POC HVAC System Replacement (New)	TBA	ES	0	0	0	0	0	0	500,000	500,000	400,000	400,000	-+00,000 N	-+00,000 O	1,100,000	1,100,000	\$900,000	\$900,000
Ops Control Room Improvements (New)	TBA	ES	0	0	0	0	0	0	0	0	400,000	400,000	0	0	0	0	\$400,000	\$400,000
Broadway Diversion Facility Water Service Replacement (New)	TBA	ES	0	0	0	0	0	0	0	0	0	0	0	0	250,000	250,000	\$250,000	\$250,000
PPS Slide Gate & Wetwell Ventilation Improvements (New)	TBA	ES	0	0	0	0	0	0	0	0	0	0	0	0	400,000	400,000	\$400,000	\$400,000
Portable Generator Procurement (New)	TBA	ES	0	0	0	0	0	0	300,000	300,000	0	0	0	0	0	0	\$300,000	\$300,000
Electric Vehicle Charging Stations (New) See Multi-Fund Projects for additional projects with WW CAR funding	TBA	ES	0	0	0	0	0	0	200,000	200,000	0	0	0	0	1 0	U	\$200,000	\$200,000
Wastewater Expansion (Fund 140) See Multi-Fund Projects for additional projects with WW Exp funding			0.1					0.1	0	0	1 0	0.1	0	0	1 0	0.1	¢∩I	\$0
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Advanced Treatment (Fund 125)	TD A		0.1	^		^		2.1	^			2.1	050,000	050,000	050,000	050,000	ф <u>гоо ооо!</u>	ΦΕΩΩ ΩΩΩ
Nutrient Technology Research and Innovation See Multi-Fund Projects for additional projects with AT funding	TBA	ES	U	0		0	0	U	0	0	0	0	250,000	250,000	250,000	250,000	\$500,000	\$500,000
See Main's and Projects for additional projects with A Frankling										l .	1				<u> </u>			

DELTA DIABLO 5-YEAR CAPITAL IMPROVEMENT PROGRAM FISCAL YEAR 2023/2024-2027/2028 PROGRAM SUMMARY

			Approved	Total FY22/23	Projected FY22/23	Estimated	FY23/24		FY24/25		FY25/26		FY26/27		FY27/28			
Project Name	Project No.	Lead Dept.	Budget	Budget	Cash Flow	Carryover Budget FY22/23	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	5-Year Total Budget	5-Year Total Cashflow
	No.	Бери.	FY22/23	Appropriation	(as of Jan)	to FY23/24	Budget	Cashflow	Budget	Cashflow	Budget	Cashflow	Budget	Cashflow	Budget	Cashflow	<u> </u>	Odsilliow
Recycled Water Capital Asset (Fund 220)																		
Small RWF Capital Asset Project	23103	ES	50,000	50,000	50,000	0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	\$250,000	\$250,000
RWF IPS, Process Line Modification, and Blowdown	TBA	ES	0	0	0	0	0	0	0	0	0	0	250,000	250,000	850,000	850,000	\$1,100,000	\$1,100,000
TP Flow Equalization Improvements - ESB See Multi-Fund Projects for additional projects with RW CA funding	TBA	ES	0	0	0	0	0	0	0	0	0	0	0	0	200,000	200,000	\$200,000	\$200,000
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Recycled Water Capital Asset Replacement (Fund 230) RWF Sand Pump Piping Replacement	22127	RRS	0.1	100,000	100,000	0.1	250,000	250,000	0	0	0	0.1	0	0	1 0	0.1	\$250,000	\$250,000
Unanticipated Recycled Water Infrastructure Repairs	23104	RRS	100,000	100,000	100,000	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	\$500,000	\$500,000
RWF Sand Filter Coupling & Safety Improvements (New)	24114	ES	0	0	0	0	350,000	350,000	0	0	0	0	0	0	0	0	\$350,000	\$350,000
Recycled Water Distribution System Improvements	TBA	ES	0	0	0	0	0	0	0	0	0	0	225,000	225,000	375,000	375,000	\$600,000	\$600,000
DEC and CCT Valves Replacement	TBA	ES	0	0	0	0	0	0	0	0	0	0	225,000	225,000	375,000	375,000	\$600,000	\$600,000
DEC Storage Tank Rehabilitation	TBA	ES	0	0	0	0	0	0	0	0	0	0	250,000	250,000	750,000	750,000	\$1,000,000	\$1,000,000
Sand Filter and Filter Cover Improvements	TBA	ES	0	0	0	0	0	0	0	0	0	0	500,000	500,000	600,000	600,000	\$1,100,000	\$1,100,000
DEC Tank Isolation Valves Replacement RWF Clarifier Liner Rehabilitation	TBA	ES	0	0	0	0	0	0	0	0	0	0	0	0	100,000 100,000	100,000	\$100,000	\$100,000
	TBA	ES	0	U	0	0	0	0	0	0	0	0	0	0	100,000	100,000	\$100,000	\$100,000
Recycled Water Expansion (Fund 240)	40440		0.1		0.1	0	0.1	0.1		0		0.1			000,000	200,000	#200 000l	#000 000
Recycled Water Distribution System Expansion	18110	ES	<u> </u>	0	0	<u> </u>	0	0	0	0	<u> </u>	0	0	0	200,000	200,000	\$200,000	\$200,000
Bay Point Collection (Fund 520)																		
Bay Point Collection System Point Repairs	23119		150,000	150,000	100,000	50,000	300,000	350,000	0	0	0	0	0	0	0	0	\$300,000	\$350,000
Unanticipated Bay Point Repairs	23106		100,000	100,000	100,000	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	\$500,000	\$500,000
Bay Point Overlay Manhole Adjustments Bay Point Sewer Repairs - Phase 5	20116	ES	0	0	0	0	0	0	100,000	100,000	0	0	0	0	2 000 000	2 000 000	\$100,000 \$3,000,000	\$100,000
See Multi-Fund Projects for additional projects with BP Coll funding	TBA	ES	0	0	0	0	0	0	0	0	0	0	0	0	3,000,000	3,000,000	\$3,000,000	\$3,000,000
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Household Hazardous Waste (Fund 310)	00405		05.000 I	25.000	DE 000 I	0	25,000	25,000	25.000	25.000	25,000	25,000	25.000	25,000	200,000	200,000	¢400,000	¢400,000
Household Hazardous Waste Improvements	23105	ES	25,000	25,000	25,000	0	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	300,000	300,000	\$400,000	\$400,000
Split Funding																		
Antioch Pump Station and Conveyance System Improvements	20121	ES	300,000	300,000	200,000	100,000	300,000	400,000	1,000,000	1,000,000	3,000,000	3,000,000	7,000,000	7,000,000	6,050,000	6,050,000	\$17,350,000	\$17,450,000
Wastewater Capital Asset Replacement (80%)			240,000	240,000	160,000	80,000	240,000	320,000	800,000	800,000	2,400,000	2,400,000	5,600,000	5,600,000	4,840,000	4,840,000	\$13,880,000	\$13,960,000
Wastewater Expansion (20%) Site Security Improvements	21113	ES	60,000 50,000	60,000 236,503	40,000	20,000 236,503	60,000	80,000 236,503	200,000	200,000	600,000	600,000	1,400,000	1,400,000	1,210,000	1,210,000	\$3,470,000	\$3,490,000 \$236,503
Wastewater Capital Asset Replacement (70%)	21113	E8	35,000	165,552	0	165,552	0	165,552	0	0	0	0	0	0	0	0	\$0 \$0	\$165,552
Bay Point Collection (20%)			10,000	47,301	0	47,301	0	47,301	0	0	0	0	0	0	0	0	\$0	\$47,301
Household Hazardous Waste (10%)			5,000	23,650	0	23,650	0	23,650	0	0	0	0	0	0	0	0	\$0	\$23,650
Manhole, Gravity Interceptor, and Easement Road Improvements, Phase 1	21114	ES	500,000	1,321,010	400,000	921,010	3,000,000	3,921,010	0	0	0	0	0	0	0	0	\$3,000,000	\$3,921,010
Wastewater Capital Asset Replacement (70%)			350,000	924,707	280,000	644,707	2,100,000	2,744,707	0	0	0	0	0	0	0	0	\$2,100,000	\$2,744,707
Bay Point Collection (30%)			150,000	396,303	120,000	276,303	900,000	1,176,303	0	0	0	0	0	0	0	0	\$900,000	\$1,176,303
Manhole, Gravity Interceptor, and Easement Road Improvements, Phase 2 (New)	24112	ES	0	0	0	0	500,000	500,000	1,500,000	1,500,000	0	0	0	0	0	0	\$2,000,000	\$2,000,000
Wastewater Capital Asset Replacement (70%) Bay Point Collection (30%)			0	0	0	0	350,000	350,000 150,000	1,050,000 450,000	1,050,000 450,000	0	0	0	0	0	0	\$1,400,000 \$600,000	\$1,400,000 \$600,000
Secondary Process Improvements	22126	ES	500,000	500,000	100,000	400,000	150,000 600,000	1,000,000	9,000,000	9,000,000	25,000,000	25,000,000	24,900,000	24,900,000	0	0	\$59,500,000	\$59,900,000
Wastewater Capital Asset Replacement (78%)	22 120		390,000	390,000	78,000	312,000	468,000	780,000	7,020,000	7,020,000	19,500,000	19,500,000	19,422,000	19,422,000	0	0	\$46,410,000	\$46,722,000
Wastewater Expansion (16%)			80,000	80,000	16,000	64,000	96,000	160,000	1,440,000	1,440,000	4,000,000	4,000,000	3,984,000	3,984,000	0	0	\$9,520,000	\$9,584,000
Advanced Treatment (6%)			30,000	30,000	6,000	24,000	36,000	60,000	540,000	540,000	1,500,000	1,500,000	1,494,000	1,494,000	0	0	\$3,570,000	\$3,594,000
RWF Condition Facility Assessment & Master Plan Update	24113	ES	0	0	0	0	300,000	300,000	0	0	0	0	0	0	0	0	\$300,000	\$300,000
Advanced Treatment (50%)			0	0	0	0	150,000	150,000	0	0	0	0	0	0	0	0	\$150,000	\$150,000
Recycled Water Capital Asset (50%)	<u> </u>	<u> </u>	0	0	0	0	150,000	150,000	0	0	0	0	0	0	0	0	\$150,000	\$150,000
	All Fund	ls Total	\$11,791,086	\$18,681,502	\$12,581,126	\$5,150,376	\$11,950,000	\$16,750,376	\$23,500,000	\$23,850,000	\$36,350,000	\$36,350,000	\$41,150,000	\$41,150,000	\$21,025,000	\$21,025,000	\$133,975,000	\$139,125,376
Wastewater Capital A	Sset Fun	d Total	\$50,000	\$175,000	\$175,000	\$0	\$300,000	\$300,000	\$50,000	\$50,000	\$50,000	\$50,000	\$350,000	\$350,000	\$1,250,000	\$1,250,000	\$2,000,000	\$2,000,000
Wastewater Capital Asset Replacement Fund Total					Φ4.045.400													
				\$17,344,248	\$11,749,126	\$4,645,122	\$8,933,000	\$13,228,122	\$20,445,000	\$20,795,000	\$29,925,000					\$11,215,000	\$102,465,000	\$107,110,122
Wastewater Expansion Fund Total		d Total	\$140,000	\$140,000	\$56,000	\$84,000	\$156,000	\$240,000	\$1,640,000	\$1,640,000	\$4,600,000	\$4,600,000	\$5,384,000	\$5,384,000	\$1,210,000	\$1,210,000	\$12,990,000	\$13,074,000
Advanced Treat	Advanced Treatment Fund Total		\$30,000	\$30,000	\$6,000	\$24,000	\$186,000	\$210,000	\$540,000	\$540,000	\$1,500,000	\$1,500,000	\$1,744,000	\$1,744,000	\$250,000	\$250,000	\$4,220,000	\$4,244,000
Recycled Water Capital Asset Fund Total					ţ,000													
, ,		\$50,000	\$50,000	\$50,000	\$0	\$200,000	\$200,000	\$50,000		\$50,000		\$300,000		\$1,100,000	\$1,100,000	\$1,700,000	\$1,700,000	
Recycled Water Capital Asset Replacement Fund Total		\$100,000	\$200,000	\$200,000	\$0	\$700,000	\$700,000	\$100,000	\$100,000	\$100,000	\$100,000	\$1,300,000	\$1,300,000	\$2,400,000	\$2,400,000	\$4,600,000	\$4,600,000	
Recycled Water Expar	Recycled Water Expansion Fund Total		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000	\$200,000	\$200,000	\$200,000
	,			#602.604	\$200,000	¢272.004	¢1 450 000	¢4 922 c04	CEE 0.000	#6E0 000	¢400,000	¢100.000	£100.000	¢400.000				
Bay Point Collections Fund Total		\$410,000	\$693,604	\$320,000	\$373,604	\$1,450,000	\$1,823,604	\$650,000						\$3,100,000	\$3,100,000	\$5,400,000	\$5,773,604	
Household Hazardous Waste Fund Total		\$30,000	\$48,650	\$25,000	\$23,650	\$25,000	\$48,650	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$300,000	\$300,000	\$400,000	\$423,650	