Delta Diablo 5-Year Capital Improvement Program FY2021/2022 - FY2025/2026

													Anticipated	d Budgets					Fu	nd Distr	ibution		
Page	Project Name	Project No.	Priority Dept	Total Approved Budget	Actual Expenditures to 6/30/20	Adjusted Budget FY19/20 to FY20/21	Approved Budget FY20/21	Total FY20/21 Budget Appropriation	Projected FY20/21 Cash Flow	Estimated Carryover Budget FY20/21 to FY21/22	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	5-Year Total	WW CA	WW CAR	ww	, RW			BP coll.
Wastew	ater Capital Asset (Fund 120)																						
	Asset Management Program		3 ES	\$750,000	\$160,039	\$139,961	\$450,000	\$589,961	\$400,000	\$189,961		\$250,000				\$689,961							
	Conveyance and Treatment Systems Reliability Improvements Energy and Water Efficiency Improvements	18107	3 RRS 3 ES	\$50,000 \$50,000			\$50,000 \$50,000	\$50,000 \$50,000			\$25,000 \$25,000	\$25,000 \$25,000	\$25,000 \$25,000	\$50,000 \$50,000	\$50,000 \$50,000	\$175,000 \$175,000		50%			+		
	Small District Capital Asset Project		3 ES	\$50,000			\$50,000	\$50,000			\$50,000	\$50,000	\$50,000	\$100,000	\$100,000	\$350,000					+	-+	
	Wastewaster Capita	al Asset I	Fund Tota	\$900,000	\$160,039	\$139,961	\$600,000	\$739,961	\$400,000	\$189,961	\$100,000	\$350,000	\$350,000	\$200,000	\$200,000	\$1,389,961							
Wastew	ater Capital Asset Replacement (Fund 130)				. ,	<u> </u>					. ,	<u> </u>					<u> </u>						
	Aboveground Fuel Storage Tank Rehabilitation	TBA	1 ES	\$300,000	\$21,481	\$78,519	\$200,000	\$278,519	\$50,000	\$228,519						\$228,519) 1	100%			$\overline{}$		
	BHPS Sewage Diversion Pump Rebuilds	TBA	1 RRS		42 1,101	\$10,010	\$60,000	\$60,000	\$60,000		\$80,000					\$80,000		100%					
	CCT Sluice Gates & Chemical Mixer Replacements	TBA	1 RRS		40.400.004	\$504.004	040 004 075	* 40.040.000	*40.000.000	2010.000	****			\$400,000	\$1,100,000	\$1,500,000		100%			\perp		
	Headworks Improvements IT Equipment Replacement	17117 TBA		\$14,100,000 \$325,000	\$3,483,094	\$581,931	\$10,034,975 \$325,000	\$10,616,906 \$325,000	\$325,000	\$616,906	\$300,000 \$50,000	\$50,000	\$50,000	\$400,000	\$50,000	\$916,906 \$600,000		100% 100%			+		-
	Lab Equipment Replacement	TBA	1 RRS				\$50,000	\$50,000	ψ323,000		\$25,000	\$25,000	\$25,000	\$25,000		\$125,000		100%			+ +		
	Site Security Improvements	TBA	1 ES	\$365,025	\$0	\$700,000	(\$334,975)	\$365,025	\$300,000	\$65,025		, ,,,,,,	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, ,,,,,,,,	\$65,025		70%				2	20% 10%
	Manhole, Gravity Interceptor, and Easement Road Improvements	TBA	1 ES	\$230,000	¢440.075	¢404.005	\$230,000	\$230,000	\$100,000	\$130,000	\$770,000	\$500,000				\$1,400,000		70%			+	3	30%
	On-Site Fueling Station Replacement District Office Building Roofing and Sheet Metal Replacement	19112 18112		\$550,000 \$2,300,000	\$148,075 \$1,672,340	\$401,925 \$627,660		\$401,925 \$627,660	\$200,000 \$627,660	\$201,925	\$100,000					\$301,925		100% 100%			+		
	PPS Raw Sewage Pump Rebuilds	20116		. , ,	ψ1,012,0 1 0	\$215,000		\$215,000	\$215,000									100%			+ +		
	Primary Clarifier Nos. 1 - 4 Coating	TBA											\$400,000	\$500,000	\$500,000	\$1,400,000		100%					
	Pump Station Facilities Repair Pump Station Grinder Replacements	80008 20115			\$8,131,243	\$2,387,671	\$3,500,000 \$100,000	\$5,887,671 \$100,000	\$5,887,671 \$100,000		\$300,000 \$100,000	¢400 000	\$100,000	¢100 000	\$100,000	\$300,000 \$500,000		100% 100%			+		
	Resource Recovery Facility Master Plan	80009		\$1,600,000	\$150,550	\$449,450	. ,	\$1,449,450		\$449,450	. ,	\$100,000	\$100,000	\$100,000	\$100,000	\$649,450			10	1%	+	5%	
	SCADA Communication Network/PLC Processor Upgrade	18114		. , ,	\$172,772	\$574,083	+ 1,000,000	\$574,083	\$100,000	\$474,083	+=00,000	\$200,000				\$674,083		90%			10%		
	SCADA Master Plan Update	TBA	1 ES	0000000	0000 455	0460.05	050.00	A =10.0==	05/0.05			-	\$500,000			\$500,000		100%					
	Sodium Bisulfite Tank Replacement Tower Mixing Chamber & Overflow Structure Rehabilitation	17139 TBA	1 ES 1 ES	\$800,000	\$286,132	\$463,868	\$50,000	\$513,868	\$513,868				\$550,000	\$870,000		\$1,420,000		100% 100%					
	Treatment Plant Switchgear Replacement	17120		\$4,201,305	\$1,259,899	\$2,191,406	\$750,000	\$2,941,406	\$1,500,000	\$1,441,406	\$3,000,000	\$5.000.000	\$550,000	φοτυ,υυυ		\$9,441,406		100%			+		
	Treatment Plant Roadway Maintenance Project	18115	1 BS			\$75,000	, ,	\$75,000	\$75,000		\$250,000	\$750,000				\$1,000,000) 1	100%					
	Triangle Pump Station and Force Main Replacement	19111		\$350,000	\$6,664	\$493,336	450.000	\$343,336	2000 004	\$343,336	****	\$650,000	****	****	****	\$993,336		100%					
	Unanticipated WW Treatment & Conveyance Infrastructure Repairs Biosolids Management Master Plan	21109 TBA	1 ES 2 ES	\$282,301		\$232,301	\$50,000	\$282,301	\$232,301		\$200,000	\$200,000	\$200,000	\$200,000	\$200,000 \$400.000	\$1,000,000 \$400,000		100% 100%			+		_
	Electrical System Master Plan	TBA	2 ES											\$300,000	Ψ+00,000	\$300,000		100%			+ +		
	Emergency Retention Basin Improvements	19110		\$50,000		\$50,000		\$50,000	\$50,000		\$850,000	\$50,000	\$50,000	\$50,000	\$50,000	\$1,050,000		100%					
	ERB Pump Rebuilds PFM 2401 Dresser Coupler Removal	TBA TBA	2 RRS 2 ES	\$80,000			\$80,000	\$80,000	\$80,000		\$80,000 \$250,000	\$80,000				\$160,000 \$250,000		100% 100%					_
	RAS Pump Rehabilitation	TBA									\$250,000			\$300,000		\$250,000		100%			+		
	Sewer Permit Software Replacement	18107		\$50,000		\$50,000		\$50,000	\$50,000					7000,000		7000,000		100%					
	Vehicle Replacements	TBA			\$89,945	\$555,055	\$300,000	\$855,055	\$817,000		\$100,000	\$400,000	\$100,000	\$100,000	\$100,000	\$800,000		100%					
	Primary Clarifier Area Improvements Shore Acres Pump Station Pump Replacement	17140 17138	ES ES	\$4,285,614 \$275,000	\$3,694,870 \$166,179	\$590,744 \$108,821		\$590,744 \$108,821	\$590,744 \$108,821									100% 100%			+		
	Remote Sites Connectivity Improvements	TBA	ES	\$300,000	ψ100,173	ψ100,021	\$300,000	\$300,000	ψ100,021	\$300,000						\$300,000		100%			+		
	Digester No. 1 Cleaning & Repair	TBA	ES	\$200,000			\$200,000	\$200,000		\$200,000	\$200,000					\$400,000		100%					
	Digester No. 3 Cleaning & Repair	TBA	ES ES	\$100,000			£400,000	£400.000	£400,000		* C00 000	\$200,000	\$200,000			\$400,000 \$600,000		100% 100%					
	Digester Gas Handling and Compressors Replacement Cogen System Improvements	TBA TBA	ES				\$100,000	\$100,000	\$100,000		\$600,000 \$250,000	\$750.000	\$4,000,000			\$5,000,000		100%			+		
	Secondary Clarifier Area Improvements	TBA	ES										V 1,000,000	\$350,000	\$650,000	\$1,000,000) 1	100%					
	Primary Clarifiers Area Improvements - Phase 2	TBA	ES				Ø400.000	#400.000		6400.000	\$150,000	\$350,000				\$500,000		100%			+		
	Primary Service Water Filter Replacement Antioch Pump Station and Conveyance System Improvements	TBA 20121	RRS ES	\$100,000 \$850,000	\$445,445	\$554,555	\$100,000 (\$150,000)	\$100,000 \$404,555	\$404,555	\$100,000	\$50,000		\$4,000,000	\$6,000 000		\$300,000 \$10,300,000		100% 80%	20%		+		-
	Bridgehead Temporary Pipeline Installation & Replacement	21123	ES	\$1,500,000	ψ.10,110	+++++++++++++++++++++++++++++++++++++	\$1,500,000		\$1,200,000	\$300,000	\$2,000,000		\$.,cco,cco	+0,000,000		\$2,300,000) 1	100%					
	CCT Service Water Pumps Replacement	TBA	RRS								\$150,000					\$300,000		100%					
	TTF Odor Control Rehabilitation Emergency Return Pumps Rebuild	TBA TBA	RRS RRS								\$100,000 \$60,000	\$100,000 \$60,000				\$200,000 \$180,000		100%			+		_
	Dewat Boiler Replacement	TBA	RRS								\$300,000	φυυ,υυυ	φυυ,υυυ			\$300,000		100%			+-+	-+	_
New	Primary Clarifiers 1 & 4 Drive Unit Replacement	TBA	RRS								\$100,000	\$100,000				\$200,000) 1	100%					
	Force Mains & Gravity Interceptors Cleaning and Maintenance	TBA	RRS								\$200,000	#202 ACC	\$50,000		\$50,000	\$300,000		100%					
	Vactor Decant Facility Arcy Lane Junction Structure Rehabilitation	TBA TBA	ES ES								\$200,000 \$500,000	\$300,000				\$500,000 \$500,000		100% 100%			+		
New	Gravity Belt Thickener Improvements	TBA	ES								4000,000	\$300,000	\$1,000,000			\$1,300,000		100%			+		
	WAS Pump Station Rehabilitation	TBA	ES									\$50,000				\$50,000		100%					
	RAS Meter Pit Improvements CCT Analyzer Building Improvements	TBA	ES ES								\$200,000	\$100,000	\$200,000			\$300,000 \$200,000		100% 100%			+		_
	CCT Analyzer Building Improvements Chemical Canopy Rehabilitation	TBA	ES								φ200,000			\$750,000		\$200,000		100%			+++	-	
New	FOG Receiving Facility Improvements	TBA	ES									\$50,000		,		\$50,000) 1	100%					
	FEB Slide Gate Replacements	TBA	ES										\$400,000	ACEO 22-		\$400,000		100%			$+$ \Box		\bot
	Condition Assessment of Treatment Plant Underground Piping Cathodic Protection Monitoring Program	TBA TBA	ES ES								\$50,000	\$50,000	\$50,000	\$350,000 \$50,000		\$350,000 \$250,000		100% 100%			+		
	Treatment Plant Outfall Pipeline Cleaning & Inspection	TBA	ES								ψου,υυυ	ψυυ,υυυ	ψου,υυυ	ψυυ,υυυ	\$600,000	\$600,000		100%			+ +		
New	Treatment Plant Structural Assessment & Rehabilitation	TBA	ES									\$250,000			,	\$700,000) 1	100%					
New	Operational Improvements at Aeration Basins	TBA	ES										\$400,000			\$400,000) 1	100%					

Delta Diablo 5-Year Capital Improvement Program FY2021/2022 - FY2025/2026

		Anticipated Budgets								Fund Distribution														
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Page	Project Name	Project No.		Total Approved Budget	Actual Expenditures to 6/30/20	Adjusted Budget FY19/20 to FY20/21	Approved Budget FY20/21	Total FY20/21 Budget Appropriation	Projected FY20/21 Cash Flow	Estimated Carryover Budget FY20/21 to FY21/22	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	5-Year Total		CAR	ww Exp A		W RW			ннw
New	Sanitary Drain PS Rehabilitation	TBA	ES											\$600,000	40.000.000	\$600,000		100%				+		
New	Centrifuge Platform Area Improvements	TBA	ES											\$1,500,000	\$2,000,000	\$3,500,000		100%				4	\perp	
New	Improvements at Secondary Effluent Feed to RWF	TBA	ES								*== *		*==	\$150,000	4=0.000	\$150,000		100%				+	\perp	
New	Manhole Performance Monitoring Program	TBA	ES								\$50,000	\$4.500.000	\$50,000		\$50,000	\$150,000	1	100%	100/	0/			\perp	
New	Secondary Process Improvements	TBA	ES				_	_	_	_		\$1,500,000	. , . ,	. , ,	. , ,	· , ,	1	78%	16% 6	%			Щ	
	Wastewaster Capital Asset Repla	cement Fur	nd Total	\$49,330,014	\$19,728,689	\$11,381,325	\$18,445,000	\$29,826,325	\$24,687,620	\$4,850,650	\$12,315,000	\$12,765,000	\$20,835,000	\$37,995,000	\$30,925,000	\$119,685,650								
Advan	ed Treatment (Fund 125)																							
	Nutrient Technology Research and Innovation	17123 1	1 ES	\$201,844										\$250,000	\$250,000	\$500,000			100	%			لــــــــــــــــــــــــــــــــــــــ	
	Advanced Tre	eatment Fur	nd Total	\$201,844										\$250,000	\$250,000	\$500,000								
Recycl	ed Water Capital Asset (Fund 220)																							
	RWF IPS, Process Line Modification, and Blowdown	TBA 3	B ES											\$250,000	\$850,000	\$1,100,000				10	0%	T	T	
	Recycled Water Master Plan Update		B ES										\$300,000			\$300,000			50	% 5	0%	T		
	Small Recycled Water Facility Capital Asset Project	19103 3	B ES	\$50,000			\$50,000	\$50,000			\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000				10	0%			
	Treatment Plant Flow Equalization Improvements - Emergency														* 405.000	* 405.000				40	00/			
	Storage Basin Recycled Water Capita		B ES				\$50,000	\$50,000			\$50.000	\$50,000	\$350,000	¢200.000	\$125,000	\$125,000				10	0%			
Deevel		ai Asset i ui	iu i otai				\$50,000	\$50,000			\$50,000	\$50,000	\$350,000	\$300,000	\$1,025,000	\$1,775,000	'							
Recyci	ed Water Capital Asset Replacement (Fund 230)																, ,				1		4	
	DEC and CCT Valves Replacement	TBA 1	1 ES											\$225,000	\$375,000	\$600,000					1009		\perp	
	DEC Storage Tank Rehabilitation	TBA 2												\$250,000	\$750,000	\$1,000,000					1009		\perp	
	Sand Filter and Filter Cover Improvements	TBA 2	- 11110											\$500,000	\$582,000	\$1,082,000					1009			
	Recycled Water Distribution System Improvements		B ES	£400,000			£400 000	¢400.000			£400.000	£400.000	£400 000	£400.000	\$500,000	\$500,000					1009		+	
	Unanticipated Recycled Water Infrastructure Repairs		B ES	\$100,000			\$100,000	\$100,000	\$050,000	\$500,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000								
	Sand Filter Intermittent Backwash System	TBA	RRS	\$750,000			\$750,000	\$750,000	\$250,000	\$500,000	\$100,000				\$100,000	\$600,000					1009		+	
	DEC Tank Isolation Valves Replacement Sand Filter Air Compressor Replacement	TBA TBA	RRS	\$90,000			\$90,000	\$90,000	\$90,000						\$100,000	\$100,000					1009		+	-
	RWF Clarifier Liner Rehabilitation	TBA	RRS	ψ90,000			φ90,000	φ90,000	φ90,000						\$50,000	\$50,000					100		+	
New	RWF Sand Pump Piping Replacement	TBA	RRS								\$100,000				ψ30,000	\$100,000					100		+	
New	Recycled Water Capital Asset Repla						\$940,000	\$940.000	\$340,000	\$500,000	\$300,000	\$100,000	\$100,000	\$1,075,000	\$2,457,000						100	4		
Pocycl	ed Water Expansion (Fund 240)						ψ3-10,000	\$340,000	ψ0-10,000	4000,000	Ψ000,000	Ψ100,000	Ψ100,000	Ψ1,070,000	ΨΣ, ΨΟΙ , ΟΟΟ	ψ4,002,000								
Recycl	Recycled Water Distribution System Expansion	18110 3) FC												\$150,000	\$150,000						100%	+	
	Recycled Water Distribution System Expansion Recycled Water Exp														\$150,000	\$150,000						100%		
Bay Do	int Collection (Fund 520)	Jansion i ui	iu i otai												\$150,000	\$150,000	1							
Day PC		TDA 4	L FC	#0E0 000		#2E0 000		\$0E0.000		¢050,000						6050 000							1000/	
<u> </u>	Bay Point Overlay Manhole Adjustments	TBA 1	I ES	\$250,000	#2 F44 C2F	\$250,000		\$250,000	£4 220 CCC	\$250,000						\$250,000						+	100%	
—	Bay Point Rehabilitation Phase 4	18119 1	I ES	\$4,850,000	\$3,511,035	. , ,	¢70.000	\$1,338,965	. , ,											-		+	100%	
	River Watch Settlement Compliance	TBA 1	1 ES 1 ES	\$740,000 \$100,000		\$670,000	\$70,000 \$100,000	\$740,000 \$100,000	\$740,000		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000						+	100%	
	Unanticipated Bay Point Repairs Bay Point Sewer Repairs - Phase 5	18119 1	_	φ100,000			φ 100,000	φ100,000			φ ι υ υ , υ υ υ	φ100,000	φ ι υυ,υυυ	φ100,000	\$3,000,000	\$3,000,000						+	100%	
	Bay Point Sewer Repairs - Priase 5			\$5,940,000	\$3,511,035	\$2,258,965	\$170,000	\$2,428,965	\$2,078,965	\$250,000	\$100,000	\$100,000	\$100,000	\$100 000	\$3,000,000	\$3,750,000							10070	
House	nold Hazardous Waste (Fund 310)			¥0,070,000	ψ0,011,000	4 ±,±00,000	ψ170,000	42,420,300	ψ±,010,000	¥200,000	ψ100,000	Ψ100,000	ψ100,000	ψ100,000	40,100,000	ψ0,700,000								
110036	Household Hazardous Waste Improvements	18105 3	2 EC	\$25,000	I		\$25,000	\$25,000			\$25,000	\$25,000	\$25,000	\$25,000	\$300,000	\$400,000	1					7	_	100%
	Household Hazardous waste improvements Household Hazardous			\$25,000 \$25,000				\$25,000 \$25,000			\$25,000 \$25.000	\$25,000 \$25,000	\$25,000 \$25,000	- 1	\$300,000		1						ш	100%
	Household Hazardous	o wasie fui					\$25,000			.	, .,					\$400,000	-							
			Total	\$56,396,858	\$23,399,763	\$13,780,251	\$20,230,000	\$34,010,251	\$27,506,585	\$5,790,611	\$12,890,000	\$13,390,000	\$21,760,000	\$39,945,000	\$38,407,000	\$132,182,611								