Attachment 1

Delta Diablo Five Year Capital Improvement Program

FY2020/2021 - FY2024/2025

						Anticipated Budgets							Anticipated Budget By Fund							
			25		Available															
		Project No.	Priori	Lead Dept.*	Budget through	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	5-Year Total	WW CA	WW CAR	WW Exp	AT	RW CA	RW CAR	RW Exp	BP Coll.	HHW
Page	Project Name		_	·	FY19/20															
Wastewa	ater Capital Asset (Fund 120)																			
	Recycled Water Facility and Treatment Plant Intertie	TBA	1	ES					\$500,000	\$1,200,000	\$1,700,000	\$850,000				\$850,000				
CA-5	Asset Management Program	19109	3	ES	\$250,391	\$700,000	\$300,000	\$300,000		\$200,000	\$1,700,000	\$1,700,000								
	Conveyance and Treatment Systems Reliability Improvements Energy and Water Efficiency Improvements	18107 18908	3	RRS ES	\$50,000 \$50,000	\$50,000 \$50,000	\$50,000 \$50,000	\$50,000 \$50,000	\$50,000 \$50,000	\$50,000 \$50,000	\$250,000 \$250,000	\$250,000 \$125,000	\$125,000							
	Small District Capital Asset Project	18908	3	ES	\$100,000	\$100,000	\$100,000	\$100,000		\$100,000	\$500,000	\$250,000	\$250,000							
	Permanent Brine Transfer Facility	18109	1	ES	\$776,986	7,	+===,===	7200,000	+ 200,000	+===,===	7000,000	7-00,000	4-00,000							
FY19/20	East County Bioenergy Project	16117	1	ES	\$4,555,784															
	Wastewaste	er Capital	Asset Fi	und Total	\$5,783,161	\$900,000	\$500,000	\$500,000	\$900,000	\$1,600,000	\$4,400,000	\$3,175,000	\$375,000			\$850,000				
Wastewa	ater Capital Asset Replacement (Fund 130)																			
	Aboveground Fuel Storage Tank Rehabilitation	TBA	1	ES	\$100,000	\$200,000					\$200,000		\$200,000							
	BHPS Sewage Diversion Pump Rebuilds	TBA	1	RRS		\$60,000	\$60,000				\$120,000		\$120,000							
	Chlorine Contact Influent Gates Replacement District Office Building Rehabilitation	TBA 18113	1	RRS ES	\$1,245,381		\$400,000	\$500,000 \$1,000,000	+-,,	\$2,082,837	\$2,000,000 \$5,482,837		\$2,000,000 \$5,482,837							
	Headworks Improvements	17117	1	ES	\$1,245,381	\$5,000,000	\$3,000,000	000,000 بدو	32,000,000	32,002,03 <i>/</i>	\$8,000,000		\$8,000,000							
	IT Equipment Replacement	TBA	1	IT	\$70,000	\$325,000	\$50,000	\$400,000	\$50,000	\$50,000	\$875,000		\$875,000							
	Lab Equipment Replacement	TBA	1	RRS	\$25,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000		\$250,000							
	Site Security Improvements	TBA	1	ES		\$400,000	\$600,000			-	\$1,000,000		\$700,000						\$200,000	\$100,000
	Manhole, Gravity Interceptor, and Easement Road Improvements	TBA	1	ES	4	\$600,000	\$1,500,000	\$900,000			\$3,000,000		\$2,100,000						\$900,000	
	On-Site Fueling Station Replacement Aeration Basin Area Rehabilitation	19112 TBA	1	ES RRS	\$490,749 \$90,000															
	District Office Building Roofing and Sheet Metal Replacement	18112	1	ES	\$90,000															
	PPS Raw Sewage Pump Rebuilds	TBA	1	RRS	\$215,000															
	Primary Clarifier Area Improvements	17140	1	ES	\$1,187,637															
	SAPS Sewage Pump Replacement	17120	1	RRS	\$116,320															
	Pittsburg Recycled Water Meter Standardization	15120	1	RRS	\$99,985															
	Primary Clarifier Nos. 1 - 4 Coating	TBA	1	ES			\$400,000	\$500,000	\$500,000		\$1,400,000		\$1,400,000							
	Pump Station Facilities Repair	80008	1	ES	\$9,313,678	\$3,500,000	¢100.000	¢100.000	¢100.000	¢100.000	\$3,500,000		\$3,500,000							
	Pump Station Grinder Replacements Resource Recovery Facility Master Plan	TBA 18120	1	RRS ES	\$100,000 \$600,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000 \$1,000,000	\$350,000	\$500,000 \$500,000		\$100,000			\$50,000		
	SCADA Communication Network/PLC Processor Upgrade	18114	1	RRS	\$617,585	71,000,000	\$253,145				\$253,145	Ş330,000	\$227,831		\$100,000		\$25,315	\$30,000		
	SCADA Master Plan Update	TBA	1	ES	, , , , , , , , , , , , , , , , , , , ,		,,	\$500,000			\$500,000		\$450,000				\$50,000			
CAR-24	Sodium Bisulfite Tank Replacement	13105	1	ES	\$506,261															
	Tower Mixing Chamber & Overflow Structure Rehabilitation	TBA	1	ES				\$550,000	\$870,000		\$1,420,000		\$1,420,000							
	Treatment Plant Switchgear Replacement	17117	1	ES	\$2,562,058	\$750,000	\$3,000,000			44 464 000	\$3,750,000		\$3,750,000							
	Treatment Plant Roadway Maintenance Project Triangle Pump Station Replacement	TBA 19111	1	BS ES	\$129,641 \$500,000					\$1,461,028	\$1,461,028		\$1,461,028							
	Unanticipated WW Treatment & Conveyance Infrastructure Repairs	20109	1	ES	\$960,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000		\$1.000.000							
CAR-30		TBA	2	ES	7000,000	+ ,	+,	7200,000	\$400,000	+,	\$400,000		\$400,000							
	Electrical System Master Plan	TBA	2	ES				\$400,000			\$400,000		\$400,000							
	Emergency Retention Basin Improvements	19110	2	RRS	\$50,000				\$750,000		\$750,000		\$750,000							
	ERB Pump Rebuilds	TBA	2	RRS		\$80,000	\$80,000	\$80,000			\$240,000		\$240,000							
	PFM 2401 Dresser Coupler Removal	TBA	2	ES		\$250,000		¢200.000			\$250,000		\$250,000							
	RAS Pump Rehabilitation Sewer Permit Software Replacement	TBA 18107	2	ES IT	\$50,000			\$300,000			\$300,000		\$300,000							
	Vehicle Replacements	TBA	2	RRS	\$645,000	\$400,000	\$100,000	\$100,000	\$100,000	\$100,000	\$800,000		\$800,000							
New	Remote Sites Connectivity Improvements	TBA		ES	+= .=,500	\$300,000	+,500	+ 222,500	7222,500	+,500	\$300,000		\$300,000							
New	Digester No. 1 Cleaning & Repair	TBA		ES		\$200,000	\$200,000				\$400,000		\$400,000							
New	Digester No. 3 Cleaning & Repair	TBA		ES			\$200,000	\$200,000			\$400,000		\$400,000							
New	Digester Gas Handling and Compressors Replacement	TBA		ES		\$100,000	\$600,000	63.000.00	A4 200 00 -		\$700,000		\$700,000							
New New	Cogen System Improvements Secondary Clarifier Area Improvements	TBA		ES ES			\$800,000	\$3,000,000	\$1,200,000 \$350,000	\$650,000	\$5,000,000 \$1,000,000		\$5,000,000 \$1,000,000							
New	Primary Clarifiers Area Control System Upgrade	TBA		ES				\$150,000	\$350,000	υυυ,υσος	\$1,000,000		\$1,000,000							
	Primary Service Water Filter Replacement	TBA		RRS		\$100,000		¥130,000			\$100,000		\$100,000							
	Antioch Pump Station and Conveyance System Improvements	TBA		ES	\$1,000,000	\$300,000	\$3,000,000	\$5,000,000			\$8,300,000		\$8,300,000							
	Wastewaster Capital Asse	et Replace	ment F	und Total	\$24,916,534	\$13,915,000	\$14,593,145	\$13,930,000	\$8,070,000	\$4,693,865	\$55,202,010	\$350,000	\$53,426,696		\$100,000		\$75,315	\$50,000	\$1,100,000	\$100,000
Wastewa	ater Expansion (Fund 140)				, , ,,,,,,	,,	. ,,	,,	, ,	. ,,	, , , , , , , , , , , , , , , , , , , ,		, .,			l		1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	. , ,	
	Bridgehead Phase IV Expansion - Force Main Completion	10178	3	ES					\$700,000	\$3,300,000	\$4,000,000			\$4,000,000						
-		<u> </u>	<u> </u>	L					4		4									
	Wastewa	ster Expa	nsion F	und Total					\$700,000	\$3,300,000	\$4,000,000			\$4,000,000						

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Delta Diablo Five Year Capital Improvement Program

FY2020/2021 - FY2024/2025

			Anticipated Budgets								Anticipated Budget By Fund									
Page	Project Name	Project No.	Priority	Lead Dept.*	Available Budget through FY19/20	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	5-Year Total	WW CA	WW CAR	WW Exp	AT	RW CA	RW CAR	RW Exp	BP Coll.	ннw
Advanced	Treatment (Fund 125)																			
AT-3	Nutrient Technology Research and Innovation	17123	1	ES	\$82,000				\$250,000	\$250,000	\$500,000			\$500,000						
AT-4	Secondary Treatment Upgrades with Nutrient Management	TBA	1	ES					\$2,000,000	\$4,000,000	\$6,000,000		\$3,000,000		\$3,000,000					
	Advan	ced Treat	mont E	and Total	\$82,000				\$2,250,000	\$4,250,000	\$6,500,000		\$3,000,000	\$500,000	\$3,000,000					
Pageslad 1	Water Capital Asset (Fund 220)	iceu ireac	illelit ri	iliu Total	\$82,000				\$2,250,000	\$4,250,000	\$6,500,000		\$3,000,000	\$500,000	\$3,000,000				\longrightarrow	
		TDA	2	50		1		6350.000	£050.000		Ć4 400 000		I			£4.400.000	1			
	RWF IPS, Process Line Modification, and Blowdown Recycled Water Master Plan Update	TBA TBA	3	ES ES				\$250,000	\$850,000 \$300,000		\$1,100,000 \$300,000				\$150,000	\$1,100,000 \$150,000			\vdash	
	Small Recycled Water Facility Capital Asset Project	19103	3	ES	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000				\$150,000	\$250,000			-	
	Freatment Plant Flow Equalization Improvements - Emergency Storage Basin	TBA	3	ES	\$30,000	\$30,000	330,000	330,000	\$125,000	\$30,000	\$125,000					\$125,000				
	Recycled Wate	ar Canital	Accat E	and Total	\$50,000	\$50,000	\$50,000	\$300,000	\$1,325,000	\$50,000	\$1,775,000				\$150,000	\$1,625,000				
Recycled 1	Vater Capital Asset Replacement (Fund 230)	Capital	- sact II	and rotal	\$30,000	\$30,000	\$50,000	\$300,000	\$1,323,000	\$50,000	\$1,775,000				\$150,000	\$1,025,000				
RWR-3	DEC and CCT Vavles Replacement	TBA	1	ES				\$225,000	\$375,000		\$600,000						\$600,000			
	DEC Storage Tank Rehabilitation	TBA	2	ES				7==0,000	\$250,000	\$750,000	\$1,000,000						\$1,000,000			
	Sand Filter and Filter Cover Improvements	TBA	2	RRS	\$75,000			\$500,000	\$582,000	,,	\$1,082,000						\$1,082,000			
	Recycled Water Distribution System Improvements	19114	3	ES					\$500,000		\$500,000						\$500,000			
RWR-6	Unanticipated Recycled Water Infrastructure Repairs	19114	3	ES	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000						\$500,000			
New	Sand Filter Intermittent Backwash System	TBA		RRS		\$750,000					\$750,000						\$750,000			
	DEC Tank Isolation Valves Replacement	TBA		RRS			\$100,000				\$100,000						\$100,000			
	Sand Filter Air Compressor Replacement	TBA		RRS		\$90,000					\$90,000						\$90,000			
New	RWF Clarifier Liner Rehabilitation	TBA		RRS				\$50,000	4		\$50,000				Ì		\$50,000			
Dl. d.	Recycled Water Capital Asse	t Replace	ment Fi	ind Total	\$175,000	\$940,000	\$200,000	\$875,000	\$1,807,000	\$850,000	\$4,672,000						\$4,672,000		\longrightarrow	
-	Vater Expansion (Fund 240)	10110			T	ı		ı		4450.000	4450.000		ı					4450.000		
RWE-3	Recycled Water Distribution System Expansion	18110	3	ES						\$150,000	\$150,000							\$150,000	\vdash	
	Recycled W	ater Expa	nsion Fi	and Total						\$150,000	\$150,000							\$150,000		
Bay Point	Collection (Fund 520)									, , , , ,	, ,							, ,		
-	Bay Point Overlay Manhole Adjustments	TBA	1	ES	\$250,000															
	Bay Point Rehabilitation Phase 4	18119	1	ES	\$4,422,117															
	Facility Condition Assessment	18121	1	ES	\$682,952															
	River Watch Settlement Compliance	TBA	1	ES	\$670,000	\$720,000					\$720,000								\$720,000	
	Unanticipated Bay Point Repairs	TBA	1	ES	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000								\$500,000	
New	Bay Point Sewer Repairs - Phase 5	18119	1	ES						\$3,000,000	\$3,000,000								\$3,000,000	
	Вау Ро	oint Collec	tions F	und Total	\$6,125,069	\$820,000	\$100,000	\$100,000	\$100,000	\$3,100,000	\$4,220,000								\$4,220,000	
Househol	Hazardous Waste (Fund 310)																			
HHW-3	Household Hazardous Waste Improvements	18105	3	ES	\$25,000	\$25,000	\$25,000	\$25,000	\$300,000	\$25,000	\$400,000									\$400,000
Household Hazardous Waste Fund Total					\$25,000	\$25,000	\$25,000	\$25,000	\$300,000	\$25,000	\$400,000									\$400,000
Tota						\$16,650,000	\$15,468,145		\$15,452,000	\$18,018,865	\$81,319,010	\$3 525 000	\$56,801,696	\$4 500 000	\$3,250,000	\$2,475,000	\$4,747,315	\$200,000	\$5,320,000	\$500,000
					\$37,156,764	420,030,000	Y23,400,143	¥13,730,000	Ç23, 7 32,000	y_0,010,003	701,313,010	73,323,000	430,001,030	Ç4,300,000	Ç3,230,000	Y2,473,000	Ç-1,1-1,313	7200,000	Ç3,320,000	7500,000