Detailed Capital Improvements Program

August 8, 2025

TREATMENT PLANT CIP

		CAPITAL	TOTAL 20 YR	TOTAL 10 YR	TOTAL 5 YR	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	SUBTOTALS	Comments / Notes
All Identified CIP Work		BUDGET	9,543,063	7,218,063	2,903,063	35,000	1,018,063	1,830,000	10,000	10,000	700,000	960,000	210,000	2,435,000	10,000	10,000	10,000	10,000	780,000	10,000	1,010,000	10,000	10,000	510,000	-							
WTP						35,000	1,018,063	1,830,000	10,000	10,000	700,000	960,000	210,000	2,435,000	10,000	10,000	10,000	10,000	780,000	10,000	1,010,000	10,000	10,000	510,000							9,598,063	
																															-	
Well 3																															-	
	Piping													20,000																	20,000	
	Pump													40,000																	40,000	
	MCC/PLC													40,000																	40,000	
	Sitework													10,000																	10,000	
Well 4																															-	
	Piping													20,000																	20,000	
	Pump													40,000																	40,000	
	MCC/PLC													40,000																	40,000	
	Sitework													10,000																	10,000	
Well 5																															-	
	Piping													20,000																	20,000	
	Pump													40,000																	40,000	
	MCC/PLC													40,000																	40,000	
	Sitework													10,000																	10,000	
Proposed Well																								500,000							500,000	
Skids 1 & 2																															-	
	Cartridge Filter																		30,000												30,000	
	Pumps											0																			-	
	Membranes											200,000																			200,000	
	MCC/PLC											50,000																			50,000	
Skids 3 & 4																															-	
	Cartridge Filter																		20,000												20,000	
	Pumps											0																			-	
	Membranes											200,000																			200,000	
	MCC/PLC					-						500,000																			500,000	
New Skid																			700,000												700,000	
RO Feed Pump	Improvements						968,063	1,820,000																							2,788,063	
Clearwell																															-	
	Pumps										240,000																				240,000	
	MCC/PLC										50,000																				50,000	
GST														400,000							1,000,000										1,400,000	
Scrubber														350,000																	350,000	
Degasifier														350,000																	350,000	
Generator											200,000			500,000																	700,000	
Yard Piping														200,000																	200,000	
Chemical Storage																																
Tanks													200,000																		200,000	
Chemical Pumps											100,000																				100,000	
Chlorine Building																			20,000												20,000	
Water MCC Room 2														120,000																	120,000	
High Service Pumps														125,000																	125,000	
Generator Pump											100,000																				100,000	
Membrane Building														50,000																	50,000	
Water Quality Eval						35,000																									35,000	
																															-	
																															-	
																															-	
																															-	
																															-	
																															-	
																															-	
Painting						-	-	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000							190,000	
																															-	
RO Building Beam Repairs							50,000																								50,000	
																															-	
																															-	
																															-	
Concentrate Outfall																															-	

WASTEWATER TREATMENT PLANT CIP

		CAPITAL BUDGET	TOTAL 20 YR	TOTAL 10 YR	TOTAL 5 YR	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	SUBTOTALS	Comments / Notes
All Identified CIP Work			15,892,890	13,852,890	983,690	115,000	100,000	185,000	301,000	282,690	12,499,700	132,000	162,500	40,000	35,000	500,000	190,000	85,000	460,000	40,000	495,000	40,000	40,000	190,000	-		
WWTP						115,000	100,000	185,000	301,000	282,690	12,499,700	132,000	162,500	40,000	35,000	500,000	190,000	85,000	460,000	40,000	495,000	40,000	40,000	190,000	-	14,639,390	
Influent PS																										-	
	Pumps										140,000															140,000	
	MCC/PLC										60,000															60,000	
	Wet Well										50,000															50,000	
	Valve Vault										300,000															300,000	
	Piping from Valve Vault										200,000															200,000	
Headworks																										-	
	Manual Bar Screen										40,000								50,000							90,000	
	Auto Bar Screen										500,000															500,000	
	Channel Rehab										20,000													50,000		70,000	
	MCC/PLC										300,000															300,000	
																										-	
Equalization Basin																										-	
	Aeration Header																		50,000							50,000	
	Structure																									-	
	Discharge Pumps/Piping										100,000															100,000	
	Blowers										120,000															120,000	
	MCC/PLC										200,000															200,000	
Aeration Process																										-	
	Influent Valves/Piping										100,000															100,000	
	Sanitaire Membranes & headers	160000									250,000															250,000	
	Structure																									-	
	SBR Equipment/Decanter																									-	
	Blower Replacement										180,000															180,000	
	MCC/PLC										220,000															220,000	
Process Air											20,000															20,000	
Filters																										-	
	1					90,000					80,000															170,000	
	2						100,000				80,000															180,000	
	3										80,000															80,000	
Disinfection																										-	
	CCC 1										150,000															150,000	plumbing and coatings
	CCC 2										100,000															100,000	coatings
	CCC 3										100,000															100,000	coatings
Effluent Pumps																										-	
											120,000															120,000	
											25,000															25,000	
Odor Control	Headworks											25,000														25,000	Expect Neighbor Complaints
Odor Control	Digesters								25,000																	25,000	Expect Neighbor Complaints
Biosolids																										-	
	Belt Filter Press										1,120,000															1,120,000	
	Wet Well										200,000															200,000	
	Pumps										100,000															100,000	
	MCC/PLC										250,000															250,000	
	Building										500,000															500,000	
Reclaimed PS																										-	
	Pumps										150,000															150,000	
	MCC/PLC										200,000															200,000	
	Piping										200,000															200,000	
	Wet Well																									-	
	Structure										500,000															500,000	
Reclaimed/Reject Ponds																										-	
	Liner Replacement										500,000															500,000	End of Life
	Cleaning										60,000															60,000	
	Valves/piping										100,000															100,000	End of Life
	Automatic Valves					-				64,690	1,334,700															1,399,390	
	Hammock Dunes Piping									150,000	600,000															750,000	
																										-	
																										-	
Tertiary Filter																										-	
	Structure																										
											25,000								20,000							45,000	Replace Structure-15 Years-New 2023
	Filter										50,000					250,000					400,000					700,000	Replace End of Life - New 2020
	MCC/PLC										25,000					10,000					10,000						
																										-	
Polymer Building																										-	
	Structure																				50,000					50,000	
																										-	
Digester																										-	
	1										90,000							blowers								90,000	New Diffusers
	2										90,000							blowers								90,000	New Diffusers
	Proposed										500,000															500,000	
	MCC/PLC										100,000							50,000								150,000	
Generator											400,000					200,000											
Administration Building											600,000															600,000	New Roof
Plant Paving											50,000													50,000		100,000	
Maintenance Building 1											50,000													25,000		75,000	Paint
Maintenance Building 2											60,000													30,000		90,000	Paint
Maintenance Building - Proposed											300,000						150,000									450,000	
Yard Piping											250,000															250,000	
Facillity Fencing									200,000																	200,000	
SCADA											300,000								300,000							600,000	
Material Containment Area																											
									25,000																	25,000	
Painting						-	-	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000		360,000	
A/C Units						-	-	20,000	15,000	20,000	20,000	15,000	20,000	20,000	15,000	20,000	20,000	15,000	20,000	20,000	15,000	20,000	20,000	15,000		310,000	
Vehicle Replacements						-		145,000	16,000	28,000	220,000	72,000	122,500														
SBR Painting & Rollup Door						25,000																					

PUMP STATIONS CIP

Pump Station ID	Component	Facility OM Description	# of Pumps	Design Capacity (gpm)	Pump TDH (ft)	HP	Redundancy	All Identified CIP Work	CAPITAL	TOTAL 20 YR	TOTAL 10 YR	TOTAL 5 YR	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	SUBTOTALS
									BUDGET	3,045,000	1,965,000	1,325,000	325,000	175,000	325,000	325,000	175,000	170,000	120,000	120,000	120,000	110,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	0	
													325,000	175,000	325,000	325,000	175,000	170,000	120,000	120,000	120,000	110,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	0	
PS-01		10 GRANADA DR	2	56	36	3	PORT GENSET																										
	Pumps	(1 PHASE)																															
	Electrical Panel																	60,000															
	Wet Well / Piping																	20,000															
	Valve Vault																	10,000															
	Site Work																	10,000															
	Misc - Engineering																	20,000															
	Pony Pump																																
PS-02		29 GRANADA DR	2	120	45	4	PORT GENSET																										
	Pumps																																
	Electrical Panel																		60,000														
	Wet Well / Piping																		20,000														
	Valve Vault																		10,000														
	Site Work																		10,000														
	Misc - Engineering																		20,000														
	Pony Pump																																
PS-03		18 RUE GRANDE MER	2	90	36	4	PORT GENSET																										
	Pumps																																
	Electrical Panel																			60,000													
	Wet Well / Piping																			20,000													
	Valve Vault																			10,000													
	Site Work																			10,000													
	Misc - Engineering																			20,000													
	Pony Pump																																
PS-04		202 CAMINO DEL MAR	2	350	47	10	PONY PUMP (F)																										
	Pumps												-				65,000																
	Electrical Panel												-				55,000																
	Wet Well / Piping												-				15,000																
	Valve Vault												-				5,000																
	Site Work												-				5,000																
	Misc - Engineering												-				30,000																
	Pony Pump	(PROPOSED 2025)													150,000																		
PS-05		300 CAMINO DEL SOL	2	390	86	20	PONY PUMP																										
	Pumps																																
	Electrical Panel																				60,000												
	Wet Well / Piping																				20,000												
	Valve Vault																				10,000												
	Site Work																				10,000												
	Misc - Engineering																				20,000												
	Pony Pump	(ORIGINAL INSTALL - 2018)																															
PS-06		400 CAMINO DEL REY	3	350	50	10	PONY PUMP																										
	Pumps	(TRIPLEX)																															
	Electrical Panel																					60,000											
	Wet Well / Piping																					20,000											
	Valve Vault																																
	Site Work																					10,000											
	Misc - Engineering	EMERG REP RISER PIPES 2022																				20,000											
	Pony Pump	(ORIGINAL INSTALL - 2019)																															
PS-07		200 CAMINO DEL REY	2	UKN	UKN	7.5	PONY PUMP																										
	Pumps															65,000																	
	Electrical Panel															55,000																	
	Wet Well / Piping															15,000																	
	Valve Vault															5,000																	
	Site Work															30,000																	
	Misc - Engineering															5,000																	
	Pony Pump	(ORIGINAL INSTALL - 2019)																															
PS-08		MADEIRA COURT	2	85	12	2.4	PORT GENSET																										
	Pumps	(1 PHASE)																															
	Electrical Panel																						60,000										
	Wet Well / Piping																						20,000										
	Valve Vault																						10,000										
	Site Work																						10,000										
	Misc - Engineering																						20,000										
	Pony Pump																																
PS-09		2 CAMINO DEL MAR	2	150	16	2.4	PORT GENSET																										
	Pumps																																
	Electrical Panel																																
	Wet Well / Piping																																
	Valve Vault																																
	Site Work	UPGRADES BY DEVELOPER OASIS																															
	Misc - Engineering	TBD																															
	Pony Pump																																
PS-10		32U ISLAND ESTATES PKWY	2	160	85	15	PONY PUMP																										
	Pumps	REHAB UPGRADED 2020																															
	Electrical Panel																																
	Wet Well / Piping																																
	Valve Vault																																
	Site Work																																
	Misc - Engineering																																
	Pony Pump	(ORIGINAL INSTALL - 2020)																															
PS-11		84 ISLAND ESTATES PKWY	2	120	47	5	PORT GENSET																										
	Pumps														65,000		-																
	Electrical Panel														55,000		-																
	Wet Well / Piping														15,000		-																
	Valve Vault														5,000		-																
	Site Work														30,000		-																
	Misc - Engineering														5,000		-																
	Pony Pump																																
PS-12		128 ISLAND ESTATES PKWY	2	VARIES	VARIES	5	PORT GENSET																										
	Pumps	CONCERTOR PUMPS W/ VFD																															
	Electrical Panel																																
	Wet Well / Piping																																
	Valve Vault																																
	Site Work																																
	Misc - Engineering																																
	Pony Pump																																
PS-13		172 ISLAND ESTATES PKWY	2	135	34	5	PORT GENSET																										
	Pumps													65,000	-																		
	Electrical Panel													55,000	-																		
	Wet Well / Piping													15,000	-																		
	Valve Vault													5,000	-																		
	Site Work													30,000	-																		
	Misc - Engineering													5,000	-																		
	Pony Pump																																

PUMP STATIONS CIP

Pump Station ID	Component	Facility OM Description	# of Pumps	Design Capacity (gpm)	Pump TDH (ft)	HP	Redundancy	All Identified CIP Work	CAPITAL	TOTAL 20 YR	TOTAL 10 YR	TOTAL 5 YR	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	SUBTOTALS
									BUDGET	3,045,000	1,965,000	1,325,000	325,000	175,000	325,000	325,000	175,000	170,000	120,000	120,000	120,000	110,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	0	
PS-14		37 SAN GABRIEL LANE	2	115	30	3	PORT GENSET																										
	Pumps																																
	Electrical Panel																							60,000									
	Wet Well / Piping																							20,000									
	Valve Vault																							10,000									
	Site Work																							20,000									
	Misc - Engineering																							10,000									
	Pony Pump																																
PS-15		OCEAN WAY S/ ATLANTIC PL	2	430	55	15	PONY PUMP																										
	Pumps																																
	Electrical Panel																								60,000								
	Wet Well / Piping																								20,000								
	Valve Vault																								10,000								
	Site Work																								20,000								
	Misc - Engineering																								10,000								
	Pony Pump	(ORIGINAL INSTALL - 2020)																															
PS-16		OCEAN WAY N/ CINNAMON BCH	2	250	34	5	PONY PUMP																										
	Pumps																																
	Electrical Panel																									60,000							
	Wet Well / Piping																									20,000							
	Valve Vault																									10,000							
	Site Work																									20,000							
	Misc - Engineering																									10,000							
	Pony Pump	(ORIGINAL INSTALL - 2021)																															
PS-17		200 NORTH SHORE DR	2	165	73	10	PORT GENSET																										
	Pumps																																
	Electrical Panel																										60,000						
	Wet Well / Piping																										20,000						
	Valve Vault																										10,000						
	Site Work																										20,000						
	Misc - Engineering																										10,000						
	Pony Pump																																
PS-18		5 OCEAN CREST WAY	2	310	85	20	PONY PUMP																										
	Pumps																																
	Electrical Panel																											60,000					
	Wet Well / Piping																											20,000					
	Valve Vault																											10,000					
	Site Work																											20,000					
	Misc - Engineering																											10,000					
	Pony Pump	(ORIGINAL INSTALL - 2018)																															
PS-19		HAMMOCK BEACH PKWY	2	118	44	5	PONY PUMP (F)											50,000															
	Pumps												65,000	-																			
	Electrical Panel												55,000	-															60,000				
	Wet Well / Piping												15,000	-															20,000				
	Valve Vault												5,000	-															10,000				
	Site Work												5,000	-															20,000				
	Misc - Engineering												30,000	-															10,000				
	Pony Pump	PROPOSED 2026											150,000	-		150,000																	
PS-20		3809 OCEAN SHORE	2	98	21	3	PORT GENSET																										
	Pumps																																
	Electrical Panel																													60,000			
	Wet Well / Piping																													20,000			
	Valve Vault																													10,000			
	Site Work																													20,000			
	Misc - Engineering																													10,000			
	Pony Pump																																
PS-21		78 OCEAN OAKS LANE	2	82	20	3	PORT GENSET																										
	Pumps																																
	Electrical Panel																														60,000		
	Wet Well / Piping																														20,000		
	Valve Vault																														10,000		
	Site Work																														20,000		
	Misc - Engineering																														10,000		
	Pony Pump																																
PS-22		209 YACHT HARBOR DR	2	182	45	5	PORT GENSET																										
	Pumps																																
	Electrical Panel																																
	Wet Well / Piping																																
	Valve Vault																																
	Site Work																																
	Misc - Engineering																																
	Pony Pump																																
PS-23		6 YACHT HARBOR DR	2	96	46	5	PORT GENSET																										
	Pumps																																
	Electrical Panel																																
	Wet Well / Piping																																
	Valve Vault																																
	Site Work																																
	Misc - Engineering																																
	Pony Pump																																
PS-24		ISLAND ESTATES GUARD HOUSE	1	UKN	UKN	UKN	NA																										
	Pumps	(PEP OR EONE SYSTEM)																															
	Electrical Panel																																
	Wet Well / Piping																																
	Valve Vault																																
	Site Work																																
	Misc - Engineering																																
	Pony Pump																																

COLLECTION/DISTRIBUTION PIPING CIP

	Size	Lineal Feet	Installed Cost $/LF	Installed Cost	TOTAL 20 YR	TOTAL 10 YR	TOTAL 5 YR	2025	2026	2027	2028	2029	2030	2031	2032	2033
All Identified CIP Work					**11,705,740**	**4,319,240**	**1,364,638**	**72,000**	**-**	**369,325**	**369,325**	**553,988**	**553,988**	**553,988**	**553,988**	**553,988**
Failure/Maintenance Reserve Rate Percentage								0.50%				0.75%				
Water Distribution	2-16"	150,000	$ 150	$ 22,500,000				-	-	112,500	112,500	168,750	168,750	168,750	168,750	168,750
Well Piping		2,900	$ 150	$ 435,000				-	-	2,175	2,175	3,263	3,263	3,263	3,263	3,263
Concentrate Line		3,000	$ 250	$ 750,000				-	-	3,750	3,750	5,625	5,625	5,625	5,625	5,625
Wastewater Gravity Lines	8-12"	114,000	$ 150	$ 17,100,000				-	-	85,500	85,500	128,250	128,250	128,250	128,250	128,250
Wastewater Force Mains	3-12"	48,000	$ 150	$ 7,200,000				-	-	36,000	36,000	54,000	54,000	54,000	54,000	54,000
Reclaimed Lines	1.5-16"	126,000	$ 150	$ 18,900,000				-	-	94,500	94,500	141,750	141,750	141,750	141,750	141,750
Potable Hydrants		260	$ 3,000	$ 780,000				-	-	3,900	3,900	5,850	5,850	5,850	5,850	5,850
Manholes		617	$ 10,000	$ 6,170,000				-	-	30,850	30,850	46,275	46,275	46,275	46,275	46,275
Structures				$ -				-	-	-	-	-	-	-	-	-
Reclaimed Hydrants		10	$ 3,000	$ 30,000				-	-	150	150	225	225	225	225	225
Fire Hyrant Painting								72,000								
TOTAL=				**$ 73,865,000**				**$ 72,000**	**$ -**	**$ 369,325**	**$ 369,325**	**$ 553,988**	**$ 553,988**	**$ 553,988**	**$ 553,988**	**$ 553,988**
					% of Total Installed											
					15.85%	**5.85%**	**1.85%**									

	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	SUBTOTALS	Comments / Notes
All Identified CIP Work	**738,650**	**738,650**	**738,650**	**738,650**	**738,650**	**738,650**	**738,650**	**738,650**	**738,650**	**738,650**	**738,650**		
Failure/Maintenance Reserve Rate Percentage	1.00%											22,528,825	
Water Distribution	225,000	225,000	225,000	225,000	225,000	225,000	225,000	225,000	225,000	225,000	225,000	**3,431,250**	
Well Piping	4,350	4,350	4,350	4,350	4,350	4,350	4,350	4,350	4,350	4,350	4,350	**66,338**	
Concentrate Line	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	**114,375**	
Wastewater Gravity Lines	171,000	171,000	171,000	171,000	171,000	171,000	171,000	171,000	171,000	171,000	171,000	**2,607,750**	
Wastewater Force Mains	72,000	72,000	72,000	72,000	72,000	72,000	72,000	72,000	72,000	72,000	72,000	**1,098,000**	
Reclaimed Lines	189,000	189,000	189,000	189,000	189,000	189,000	189,000	189,000	189,000	189,000	189,000	**2,882,250**	
Potable Hydrants	7,800	7,800	7,800	7,800	7,800	7,800	7,800	7,800	7,800	7,800	7,800	**118,950**	
Manholes	61,700	61,700	61,700	61,700	61,700	61,700	61,700	61,700	61,700	61,700	61,700	**940,925**	
Structures	-	-	-	-	-	-	-	-	-	-	-	**-**	
Reclaimed Hydrants	300	300	300	300	300	300	300	300	300	300	300	**4,575**	
Fire Hyrant Painting													
TOTAL=	**$ 738,650**	**$ 738,650**	**$ 738,650**	**$ 738,650**	**$ 738,650**	**$ 738,650**	**$ 738,650**	**$ 738,650**	**$ 738,650**	**$ 738,650**	**$ 738,650**	**$ 11,264,413**	