

AGENDA

BOARD OF DIRECTORS FINANCE COMMITTEE MEETING

DELTA DIABLO

(a California Special District)

2500 Pittsburg-Antioch Highway | Antioch, CA 94509

(Note: There will be no in-person meeting at the District.)

WEDNESDAY, MAY 4, 2022

5:00 P.M.

In lieu of a public gathering, the Board of Directors Finance Committee Meeting will be accessible via ZOOM to all members of the public as permitted by the Government Code Section 54953(e).

The Board of Directors Finance Committee Meeting on May 4, 2022 will not be physically open to the public and the Finance Committee Chair will be teleconferencing into the meeting. Members of the public can observe the meeting by following the steps listed below to view and listen to the Finance Committee Meeting.

Persons who wish to address the Finance Committee during the Public Comment period or with respect to an item on the Agenda will be limited to two (2) minutes. The Secretary to the Board will call on members of the public at the beginning of the meeting to establish a speaking order. Please indicate whether you wish to speak during the Public Comment period or on a specific Agenda item at that time.

Presentations will be made available online at <https://www.deltadiablo.org/finance-subcommittee-meetings> approximately one hour prior to the start of the Finance Committee meeting.

How to view, listen to, and provide a Public Comment during the meeting via ZOOM:

Using your computer, access the Zoom meeting at: <https://us02web.zoom.us/j/82964557947>

How to listen and provide a Public Comment during the meeting via ZOOM:

- § Using your telephone, access the Zoom meeting by dialing (669) 900-6833
- § Meeting ID: [829 6455 7947](https://us02web.zoom.us/j/82964557947)

The District will provide reasonable accommodations for persons with disabilities who plan to participate in Committee meetings by contacting the Secretary to the Board 24 hours prior to the scheduled meeting at (925) 756-1927. Disclosable public records related to an open session item on a meeting agenda and distributed by the District to the Committee members less than 72 hours prior to that meeting are available for public inspection on the District website at www.deltadiablo.org and at the District office located at 2500 Pittsburg-Antioch Highway, Antioch, CA 94509.



AGENDA

BOARD OF DIRECTORS FINANCE COMMITTEE MEETING

(Note: There will be no in-person meeting at the District.)

WEDNESDAY, MAY 4, 2022

5:00 P.M.

A. PUBLIC COMMENTS

B. REVIEW KEY ASSUMPTIONS FOR PROPOSED FISCAL YEAR 2022/2023 OPERATING BUDGET (Anika Lyons)

C. REVIEW REPORT ON PREPARATION OF PROPOSED FISCAL YEAR 2022/2023- 2026/2027 CAPITAL IMPROVEMENT PROGRAM (Thanh Vo)

D. ADJOURNMENT

The District will provide reasonable accommodations for persons with disabilities who plan to participate in Committee meetings by contacting the Secretary to the Board 24 hours prior to the scheduled meeting at (925) 756-1927. Disclosable public records related to an open session item on a meeting agenda and distributed by the District to the Committee members less than 72 hours prior to that meeting are available for public inspection on the District website at www.deltadiablo.org and at the District office located at 2500 Pittsburg-Antioch Highway, Antioch, CA 94509.





MEMORANDUM

DATE: May 4, 2022

TO: Juan Banales, Chair, Finance Committee

FROM: Anika Lyons, Finance Manager *AL*

SUBJECT: REVIEW KEY ASSUMPTIONS FOR PROPOSED FISCAL YEAR 2022/2023 OPERATING BUDGET

Recommendation

Review and comment on key assumptions for the proposed Fiscal Year 2022/2023 (FY22/23) Operating Budget.

Background Information

Following critical review of operating budget adjustment needs and opportunities, staff has developed a proposed FY22/23 Operating Budget, which served as the baseline for calculation of the proposed Sewer Service Charges (SSCs) presented to the Board on April 20, 2022. This critical review directly supports the District's focus on long-term financial sustainability and effective stewardship of limited ratepayer funds in operating the District's wastewater collection, conveyance, and treatment systems; recycled water system; household hazardous waste collection facility; and street sweeping services program. Following review of key assumptions for the FY22/23 Operating Budget by the Finance Committee on May 4, 2022, staff would present these assumptions to the Board on May 11, 2022. Staff would subsequently present the single-year FY22/23 Budget, which will include estimated revenues, operating expenses, and capital expenditures, for consideration and approval at the Board meeting on June 22, 2022.

Analysis

The proposed FY22/23 Operating Budget totals \$31.6 million, which represents a \$2.3 million increase (7.7%) relative to FY21/22 (\$29.3 million). This section highlights major cost categories in the FY22/23 Operating Budget, including salaries and benefits, chemicals, utilities, office and operating, and outside services. The District anticipates that it will continue to experience progressive increases in annual operating costs in future years due to escalations in labor, chemicals, energy, materials, supplies, equipment, hauling, and services costs, as well as increasingly more stringent regulatory requirements and has incorporated these cost increases in financial planning activities.

Salaries and Benefits (\$18.0 million): This category represents approximately 57% of the District's FY22/23 Operating Budget.

- § Cost-of-Living Adjustment (COLA): An annual COLA is specified in the memoranda of understanding (MOUs) for each of the District's three bargaining units. The MOUs (expired on July 1, 2021) specify that the District will adjust salaries for the first full pay period after July 1 each year, from a minimum of 2% up to 5% based on the April-to-April change in the Consumer Price Index (CPI), San Francisco/Bay Area Wage Earners. The actual percentage

will be available in May and associated labor cost increases will be included in the proposed FY22/23 Operating Budget for the Board's consideration in June.

- § Unfunded Positions: A total of 77.5 full-time equivalent (FTE) positions are budgeted for FY22/23, including 2.5 FTEs for part-time positions. Based on an assessment of resource needs, four positions are proposed to remain unfilled and unfunded in FY22/23, which results in an annual savings of \$0.9 million.
- § Position Changes: There is no change to total FTEs from FY21/22. The proposed FY22/23 Operating Budget includes funding the Deputy General Manager position and not funding the Government Affairs Manager position, which results in a net annual cost increase of approximately \$0.1 million.
- § Medical Insurance: Annual medical insurance premium costs have been increased by 14%, while most other health benefits (e.g., vision, Employee Assistance Program, dental, and life insurance) are not expected to increase significantly.
- § California Public Employees' Retirement System (CalPERS) Funding: In November 2011, the Board adopted CalPERS Tier 2 (2.0% at age 55), which applies to employees hired between July 1, 2012 and December 31, 2012, or hired on or after January 1, 2013, as a member of a qualified public pension plan (e.g., CalPERS, Contra Costa County Employee Retirement Plan, etc.). Prior to July 1, 2012, 100% of all employees were enrolled in CalPERS Tier 1 (2.7% at age 55). In addition, the Public Employees' Pension Reform Act of 2013 (PEPRA), effective January 1, 2013, established Tier 3 (2.0% at age 62), which applied to employees hired on or after January 1, 2013, who are not members of a qualified public pension plan.

In FY22/23, 68% of all employees are assumed to be in either Tier 2 or Tier 3, compared to 54% in FY21/22. Because new hires are no longer eligible to become members of Tier 1, the District receives ongoing savings as employees leave the District and vacant positions are filled at Tiers 2 and 3. The District assumes that new journey level, professional, and management hires will be in Tier 2, because it is probable that they would have been a CalPERS or a reciprocal plan member. The District assumes that new entry level hires will be in Tier 3, because it is unlikely that these hires would have been CalPERS or a reciprocal plan member. In addition to the lower employer-paid contributions into CalPERS, all new hires pay their full employee contributions into CalPERS, as well as contributions into the Other Post-employment Benefits (OPEB) Trust, which is 3.0% of base salary.

- § CalPERS Pension Unfunded Liability Contribution: This cost is budgeted at \$1.6 million, which is an increase of approximately \$0.3 million from FY21/22.
- § Contra Costa County Retirees' Association (CCCERA) Funding: In July 2014, the Board established Contributed Benefit Savings funding levels of 3.75% of salaries to maintain the integrity of the CCCERA plan for District retirees and employees who remained in the CCCERA system after the District transitioned from the CCCERA pension plan to CalPERS in July 2014.
- § OPEB Trust Fund Annual Funding: The Board's adopted OPEB Trust Funding Policy states the intent to fund the District's Actuarially Determined Contribution (ADC) within 30 years, which the District has done each year since the trust fund was established in February 2010. District employees pay 3% of base salaries into the trust and the District budgets the required 3% match, as well as actual retiree medical costs which are deposited into the OPEB Trust. The FY22/23 Operating Budget includes an ADC of \$0.6 million and will be evaluated in accordance with the OPEB Trust Funding Policy after receipt of the audited financial statements.

§ Public Agency Retirement Services (PARS) Funding: The FY22/23 Operating Budget includes a one-time payment of \$0.1 million to PARS. The PARS Trust account was established to pre-fund both CalPERS pension obligations and/or OPEB obligations. The additional funds in PARS will provide funding to mitigate future rate revenue required for projected sharp increases in pension or OPEB costs due to decreases in discount rates, an accelerated amortization schedule, and/or investment losses.

Chemicals (\$2.2 million): This cost is approximately 7% of the FY22/23 Operating Budget, and includes \$1.3 million for Wastewater and \$0.9 million for Recycled Water. The District participates in the Bay Area Chemical Consortium (BACC), which administers an annual bidding process for water and wastewater treatment chemicals, to leverage purchasing power among the members and receive cost-effective bids. Although this approach allows the District to benefit from the most competitive market prices, supply chain challenges have resulted in increased chemical unit costs. Staff continues to refine total annual chemical usage estimates, while working to optimize chemical consumption, to partially offset the impact of higher chemical supply costs. The Chemicals budget increased from \$1.7 million in FY21/22 to \$2.2 million (+26%) in FY22/23, which is driven largely by an increase of \$0.3 million in anticipated Recycled Water chemical expenditures.

Utilities (\$2.6 million): This category represents approximately 8% of the FY22/23 Operating Budget. The budget increased \$0.2 million (11%) due to increased natural gas supply costs. Staff has implemented several changes to reduce on-site energy demand and increase renewable energy production. The most recent action is construction of the Sand Filter Intermittent Backwash System Project, which decreases energy usage and chemical consumption at the Recycled Water Facility. The budget assumes 85% uptime for the on-site cogeneration engine at the District's Wastewater Treatment Plant, which is expected to meet over 50% of plant power demand and provide waste heat for the anaerobic digesters.

Office and Operating (\$3.4 million): This category represents approximately 11% of the FY22/23 Operating Budget. The budget increased 3% (\$0.1 million) due to expected increases in general insurance premiums, and staff training and professional development costs. This budget also includes allowances for general office supplies, technology systems and applications, hauling services, and program administration.

Outside Services (\$4.5 million): This category represents approximately 14% of the FY22/23 Operating Budget and includes items such as temporary, legal, and professional services. Outside Services increased 12% (\$0.5 million) over last year for planned organizational improvement initiatives, including Munis Enterprise Resource Planning enhancements, Capital Facilities Capacity Charges study, regulatory compliance support services, confined space rescue standby services, COVID-19 testing services, and updates to District standards in FY22/23.

Other (\$0.9 million): This category represents 3% of the FY22/23 Operating Budget and includes a contingency allowance of \$0.3 million and accounts for transfers to other District funds.

Fiscal Impact

The FY22/23 Operating Budget assumptions help ensure the District is recovering its operating expenses, while also highlighting efforts to implement budget adjustment strategies that support long-term financial sustainability and responsible stewardship of limited ratepayer funds. Staff has included these assumptions in the District's long-term 5-year SSC analysis, which was presented to the Board for review on April 20, 2022.

Attachment

None.



MEMORANDUM

DATE: May 4, 2022

TO: Juan Banales, Chair, Finance Committee

FROM: Thanh Vo, Acting Engineering Services Director *TSV*

SUBJECT: REVIEW REPORT ON PREPARATION OF PROPOSED FISCAL YEAR 2022/2023-2026/2027 CAPITAL IMPROVEMENT PROGRAM

Recommendation

Review and comment on the proposed Fiscal Year 2022/2023-2026/2027 (FY22/23-FY26/27) Capital Improvement Program (CIP).

Background Information

Staff has developed a new 5-year CIP for FY22/23-FY26/27 to guide planning, design, construction, and financing of prioritized capital projects in the District's wastewater collection, conveyance, and treatment systems, and recycled water system. These critical projects are necessary to ensure the continued effective and reliable operation of existing infrastructure, address future service needs, and meet current and future regulatory requirements. Staff prepares an updated 5-year CIP each year to reflect current priorities, address new project needs, and adjust estimated project costs and implementation schedules. In addition, this process assists in identifying long-term financial and resource needs, and budget appropriations required to support project implementation at the start of each fiscal year. The proposed 5-year CIP was considered in developing both the proposed Sewer Service Charges (SSCs) for FY22/23 and the 5-year SSC forecast, which were presented to the Board on April 20, 2022. Staff will present the proposed CIP to the Finance Committee and incorporate comments received into the draft CIP that will be presented to the Board for review on May 11, 2022.

Supporting documentation used during CIP development includes city and county General Plans, city collection system master plans, and detailed master plans prepared by the District for its wastewater treatment, recycled water, and conveyance system facilities. The District completed a Conveyance System Master Plan update in April 2010 and a Recycled Water Master Plan in August 2013 and is currently finalizing a Resource Recovery Facility Master Plan (RRFMP).

Analysis

The proposed FY22/23-FY26/27 CIP includes approximately \$136 million in prioritized capital improvements. As reported at Board Meeting on March 30, 2022, staff has incorporated significant findings and recommendations from recent condition assessment and master planning activities, as well as changes to existing projects, in developing the 5-year CIP. Key CIP highlights include the following:

- § **Secondary Process Improvements Project:** The RRFMP indicates that the District's Wastewater Treatment Plant (WWTP) is near 80 percent of loading capacity, which may be exceeded in 10 to 15 years due to growth in the service area and increased organics and solids concentrations. The District identified the \$60 million Secondary Process Improvements Project to address a significant regulatory compliance vulnerability associated with potential loss of critical infrastructure and associated treatment capacity, ensure

compatibility with long-term nutrient management plant upgrades, and accommodate growth in the District’s service area through 2040. While the estimated total cost remains unchanged from the current 5-year CIP, staff has adjusted cash flow estimates based on delays in initiating pre-design and design activities in FY21/22 with the bulk of the \$60 million cost occurring in FY23/24-FY25/26.

- § Addressing New Infrastructure Needs: The proposed 5-year CIP includes seven new projects with an estimated total project cost of \$3.0 million, including \$0.3 million for the RWF Condition Assessment Project and \$0.3 million for the Arc Flash Study, both of which will inform future infrastructure renewal needs.
- § Investing in Existing Wastewater Infrastructure Renewal: Approximately 78% of the CIP total is allocated to support rehabilitation and/or replacement of existing critical wastewater infrastructure, including Antioch Pump Station and Conveyance System Improvements (\$17.6 million), WWTP Electrical Switchgear Replacement (\$6.0 million), WWTP Cogeneration System Improvements (\$5.0 million), Bridgehead Pipeline Replacement (\$1.3 million), and Manhole, Gravity Interceptor, and Easement Road Improvements (\$1.5 million).
- § Ensuring Integrity of Bay Point Collection System: The District owns and operates 43 miles of gravity sewers in Bay Point. The CIP includes \$3.6 million to support inspection, repair, and rehabilitation of prioritized segments over the next five years.
- § Planning for the Future: The proposed 5-year CIP includes \$1.8 million for various master planning efforts to identify near- and long-term strategies, needs, and priorities associated with specific focus area, including electrical systems (\$0.3 million in FY24/25), supervisory control and data acquisition (SCADA) systems (\$0.5 million in FY23/24), biosolids management (\$0.4 million in FY25/26), and recycled water (\$0.3 million FY23/24).

The proposed 5-year CIP is provided in the CIP Program Summary (refer to Attachment). A summary of capital project expenditures by major fund is presented in Table 1 below.

Table 1 – Proposed FY22/23-FY26/27 CIP Totals by Major District Fund

Fund	5-year CIP Total (\$M)	% of 5-Year CIP Total
Wastewater		
Capital Asset	2.4	1.8
Capital Asset Replacement	105.5	77.6
Expansion	13.1	9.6
Advanced Treatment	4.2	3.1
Recycled Water		
Capital Asset	1.6	1.2
Capital Asset Replacement	4.2	3.1
Expansion	0.2	0.1
Bay Point Collection	4.2	3.1
Household Hazardous Waste	0.5	0.4
Total	\$136M	100%

The FY22/23-FY26/27 CIP includes information regarding the location, scope, schedule, budget, risk, financing needs, and other information to adequately justify the need for capital projects. During development of the CIP, staff coordinated with planning agencies in the District’s service area (i.e., the cities of Antioch and Pittsburg, and Contra Costa County) to ensure that recommended projects in the CIP are consistent with the respective agency’s applicable specific and general plans. Staff used previously developed District planning documents to determine the recommended timing, scope, and budget for projects in the CIP. In accordance with the District’s CIP development process, the CIP shall be adopted by, and shall be annually reviewed and revised by, resolution of the Board, following issuance of a notice of public hearing. Notice of

the hearing will be given in accordance with Government Code Section 65090. The final CIP will be presented for approval at the same time the budget is presented for approval. Following the Board's adoption of the CIP, staff will provide copies of the approved CIP to the planning agencies in the District's service area and update the District's website to describe priority projects. Staff anticipates presenting the draft and final CIP for consideration at the May 11, 2022 and June 22, 2022 Board meetings, respectively.

Fiscal Impact

The proposed FY22/23-FY26/27 CIP includes approximately \$136.0 million in capital investment needs. As presented at the Board Meeting on April 20, 2022, staff is recommending that the majority of the District's capital spending be cash funded (versus debt financed) to provide the highest overall value to the District's customers. The proposed CIP has been incorporated into the current FY22/23 SSC analysis, which would provide necessary funding to support planned capital expenditures in FY22/23.

Attachment

FY22/23-FY26/27 CIP Program Summary

**Delta Diablo 5-Year Capital Improvement Program
FY2022/2023 - FY2026/2027**

Page	Project Name	Project No.	Priority	Lead Dept. *	Total Approved Budget	Adjusted Budget FY20/21 to FY21/22	Approved Budget FY21/22	Total FY21/22 Budget Appropriation	Projected FY21/22 Cash Flow (as of Apr)	Estimated Carryover Budget FY21/22 to FY22/23	Anticipated Cashflows					Fund Distribution						
											FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	5-Year Total	WW CA	WW CAR	WW Exp	AT	RW CA	RW CAR
Wastewater Capital Asset (Fund 120)																						
	Asset Management Program	19109	3	ES	\$750,000	\$250,000		\$250,000	\$150,000	\$100,000	\$100,000	\$250,000	\$250,000		\$600,000	100%						
New	RWF & TP Intertie	TBD	3	ES									\$300,000	\$1,200,000	\$1,500,000	100%						
	Conveyance and Treatment Systems Reliability Improvements	23107	3	RRS	\$50,000		\$25,000	\$25,000		\$25,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000	100%						
Wastewater Capital Asset Fund Total					\$800,000	\$250,000	\$25,000	\$275,000	\$150,000	\$125,000	\$150,000	\$300,000	\$300,000	\$350,000	\$1,250,000	\$2,350,000						
Wastewater Capital Asset Replacement (Fund 130)																						
	Aboveground Fuel Storage Tank Rehabilitation	20113	1	ES	\$300,000	\$276,166	(\$100,000)	\$176,166		\$176,166	\$276,166				\$276,166	100%						
	Site Security Improvements	TBA	1	ES	\$365,025	\$355,276		\$355,276	\$50,000	\$305,276	\$355,276	\$500,000			\$855,276	70%				20%	10%	
	Manhole, Gravity Interceptor, and Easement Road Improvements	21114	1	ES	\$1,000,000	\$229,462	\$770,000	\$999,462	\$150,000	\$849,462	\$1,349,462				\$1,349,462	70%					30%	
	On-Site Fueling Station Replacement	19112	1	ES	\$650,000	\$363,391	\$100,000	\$463,391	\$150,000	\$313,391	\$763,391	\$150,000			\$913,391	100%						
	Pump Station Facilities Repair	80008	1	ES	\$14,318,914	\$577,428	\$300,000	\$877,428	\$650,000	\$227,428	\$227,428				\$227,428	100%						
	Treatment Plant Switchgear Replacement	17120	1	ES	\$7,201,305	\$1,964,736	\$3,000,000	\$4,964,736	\$4,000,000	\$964,736	\$5,964,736				\$5,964,736	100%						
	Unanticipated WW Treatment & Conveyance Infrastructure Repairs	23109	1	ES	\$260,000		\$260,000	\$260,000	\$260,000		\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$1,750,000	100%					
	Remote Sites Connectivity Improvements	TBA		ES	\$100,000	\$100,000		\$100,000	\$50,000	\$50,000	\$100,000				\$100,000	100%						
	Digester No. 1 Cleaning & Repair	TBA		ES	\$200,000	\$200,000	\$200,000	\$400,000	\$200,000	\$200,000	\$200,000	\$200,000			\$400,000	100%						
	Digester Gas Handling and Compressors Replacement	21119		ES	\$100,000	\$100,000	\$600,000	\$700,000	\$200,000	\$500,000	\$400,000	\$600,000			\$1,000,000	100%						
	Cogen System Improvements	TBA		ES			\$250,000	\$250,000	\$100,000	\$150,000	\$250,000	\$750,000	\$4,000,000		\$5,000,000	100%						
	Primary Clarifiers Controls System Improvements	TBA		ES			\$150,000	\$150,000		\$150,000	\$150,000	\$350,000			\$500,000	100%						
	Bridgehead Temporary Pipeline Installation & Replacement	21123		ES	\$3,800,000	\$307,905	\$2,300,000	\$2,607,905	\$2,000,000	\$607,905	\$1,307,905				\$1,307,905	100%						
	Dewat Boiler Replacement	TBA		ES			\$300,000	\$300,000		\$300,000	\$100,000	\$200,000			\$300,000	100%						
	Vactor Decant Facility	22121		ES			\$200,000	\$200,000		\$200,000	\$100,000		\$500,000		\$600,000	100%						
	Arcy Lane Junction Structure Rehabilitation	22122		ES			\$200,000	\$200,000	\$100,000	\$100,000	\$500,000				\$500,000	100%						
	Cathodic Protection Monitoring Program	22124		ES			\$50,000	\$50,000		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000	100%						
	Secondary Process Improvements	22126		ES			\$500,000	\$500,000	\$150,000	\$350,000	\$850,000	\$9,000,000	\$25,000,000	\$25,000,000	\$59,850,000	78%	16%	6%				
	Emergency Retention Basin Improvements	19110	2	ES	\$100,000		\$50,000	\$50,000	\$50,000		\$500,000	\$450,000	\$50,000	\$50,000	\$50,000	\$1,100,000	100%					
	IT Equipment Replacement	23111		BS	\$50,000		\$50,000	\$50,000			\$50,000	\$50,000	\$400,000	\$50,000	\$50,000	\$600,000	100%					
	Lab Equipment Replacement	23110		RRS	\$25,000		\$25,000	\$25,000			\$25,000	\$25,000	\$25,000	\$25,000	\$125,000	100%						
	SCADA Communication Network/PLC Processor Upgrade	18114	1	RRS	\$746,855	\$200,000	(\$50,000)	\$150,000		\$150,000	\$150,000				\$150,000	90%			10%			
	Vehicle Replacements	20117		RRS		\$437,712	\$100,000	\$537,712	\$537,712		\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000	100%					
	Primary Service Water Filter Replacement	TBA		RRS	\$100,000	\$100,000	\$50,000	\$150,000	\$150,000	\$150,000	\$100,000	\$50,000			\$150,000	100%						
	CCT Service Water Pumps Replacement	22116		RRS			\$150,000	\$150,000	\$150,000		\$150,000				\$150,000	100%						
	TTF Odor Control Rehabilitation	TBA		RRS			\$100,000	\$100,000	\$100,000		\$100,000				\$100,000	100%						
New	Dewat Polymer Separation	TBA		RRS							\$160,000	\$90,000			\$250,000	100%						
New	Cogen System Repair	TBA		RRS							\$400,000				\$400,000	100%						
New	POC Conduit and Generator Wiring Repair	TBA		ES				\$100,000	\$25,000	\$75,000	\$75,000				\$75,000	100%						
New	Camp Stoneman Interceptor Force Main Repair	TBA		ES							\$200,000				\$200,000	100%						
	Primary Clarifiers 1 & 4 Drive Unit Replacement	22119		RRS			\$100,000	\$100,000	\$100,000		\$100,000				\$100,000	100%						
	Force Mains & Gravity Interceptors Cleaning and Maintenance	22120		RRS			\$200,000	\$200,000		\$200,000	\$200,000		\$50,000		\$50,000	\$300,000	100%					
	PFM 2401 Dresser Coupler Removal	21116	2	ES			\$250,000	\$250,000		\$250,000			\$250,000		\$250,000	100%						
	Triangle Pump Station and Force Main Replacement	19111	1	ES	\$350,000	\$342,764		\$342,764		\$342,764		\$342,764	\$650,000		\$992,764	100%						
	Treatment Plant Roadway Maintenance Project	18115	1	ES			\$250,000	\$250,000		\$250,000		\$250,000	\$750,000		\$1,000,000	100%						
	Primary Clarifier Nos. 1 - 4 Coating	TBA	1	ES								\$400,000	\$500,000	\$500,000	\$1,400,000	100%						
	SCADA Master Plan Update	TBA	1	ES								\$500,000			\$500,000	100%						
	Tower Mixing Chamber & Overflow Structure Rehabilitation	TBA	1	ES								\$550,000	\$870,000		\$1,420,000	100%						
	Biosolids Management Master Plan	TBA	2	ES									\$400,000		\$400,000	100%						
	Electrical System Master Plan	TBA	2	ES									\$300,000		\$300,000	100%						
New	Arc Flash Study	TBA	2	ES									\$300,000		\$300,000	100%						
	RAS Pump Rehabilitation	TBA	2	ES									\$300,000		\$300,000	100%						
	Digester No. 3 Cleaning & Repair	TBA		ES								\$200,000	\$200,000		\$400,000	100%						
	Secondary Clarifier Area Improvements	TBA		ES									\$350,000	\$650,000	\$1,000,000	100%						
	Antioch Pump Station and Conveyance System Improvements	20121		ES	\$850,000	\$114,085		\$114,085	\$114,085		\$300,000	\$800,000	\$2,500,000	\$6,000,000	\$8,000,000	\$17,600,000	80%	20%				
	Treatment Plant Structural Assessment & Rehabilitation	TBA		ES								\$250,000	\$450,000		\$700,000	100%						
	Gravity Belt Thickener Improvements	TBA		ES								\$300,000	\$1,000,000		\$1,300,000	100%						
	WAS Pump Station Rehabilitation	TBA		ES								\$50,000			\$50,000	100%						
	RAS Meter Pit Improvements	TBA		ES								\$100,000	\$200,000		\$300,000	100%						
	CCT Analyzer Building Improvements	TBA		ES			\$200,000	\$200,000		\$200,000		\$250,000			\$250,000	100%						
	Chemical Canopy Rehabilitation	TBA		ES									\$750,000		\$750,000	100%						
	FOG Receiving Facility Improvements	TBA		ES									\$50,000		\$50,000	100%						
	FEB Slide Gate Replacements	TBA		ES								\$400,000			\$400,000	100%						
	Condition Assessment of Treatment Plant Underground Piping	TBA		ES									\$350,000		\$350,000	100%						
	Treatment Plant Outfall Pipeline Cleaning & Inspection	TBA		ES									\$600,000		\$600,000	100%						
	Operational Improvements at Aeration Basins	TBA		ES									\$400,000		\$400,000	100%						
	Sanitary Drain PS Rehabilitation	TBA		ES									\$600,000		\$600,000	100%						
	Centrifuge Platform Area Improvements	TBA		ES									\$1,500,000	\$2,000,000	\$3,500,000	100%						
	Improvements at Secondary Effluent Feed to RWF	TBA		ES									\$150,000		\$150,000	100%						
	Manhole Performance Monitoring Program	TBA		ES			\$50,000	\$50,000		\$50,000	\$50,000		\$50,000		\$150,000	100%						

