

**RESOLUTION OF THE BOARD OF DIRECTORS OF WEST COUNTY
WASTEWATER DISTRICT, COUNTY OF CONTRA COSTA, CALIFORNIA**

RESOLUTION NO. 2019-36

**APPROVE THE FISCAL YEAR (FY) 2020-2024 FIVE YEAR CAPITAL
IMPROVEMENT PLAN AND AUTHORIZE FUNDING OF \$29,248,790 FOR FISCAL
YEAR (FY) 2020 AND FUNDING OF \$12,950,000 FOR FY 2021 CAPITAL
PROJECTS AND ADDITIONAL STAFF POSITIONS**

The Board of Directors finds and determines as follows:

- A. As part of the annual budgeting process, the Board approves the allocation of a sum of money annually to fund the capital expenditure budget and project initiatives, and
- B. The Board also approves a 5-Year Capital Improvement Plan (CIP) at appropriate intervals, last occurring in 2014, which provides staff with prioritized direction concerning capital improvement project opportunities for the District, and
- C. The biennial budget allocations for FY 2020 have not yet been made, and staff has presented a new FY 2020-2024 CIP which recommends budgeting the sum of \$29,248,790 for project costs including staffing for the first year of the 5-year CIP starting July 1, 2020, and
- D. Staff has presented a 5-year CIP that spans FY 2020-2024, which the Board accepts and approves as the appropriate plan for the District Capital projects initiatives, and
- E. That there is an urgent need to provide direction and funding to allow the immediate initiation of time-sensitive projects as quickly as possible in FY 2020.

**NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE WEST
COUNTY WASTEWATER DISTRICT AS FOLLOWS:**

- 1. The foregoing recitals are true and correct statements of fact and are incorporated into this Resolution.
- 2. The Board of Directors adopts the proposed 5-Year Capital Improvement Plan as presented and as attached to this resolution.
- 3. The General Manager is authorized to include the sum of \$29,248,790 in the FY 2020 biennial budget and \$12,950,000 in the FY 2021 Capital Projects budget for project costs including staffing expenses.

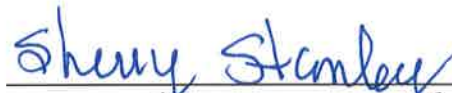
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I HEREBY CERTIFY that the foregoing resolution was duly and regularly adopted at a regular meeting of the Board of Directors of the West County Wastewater District held on the 22nd day of May, 2019, by the following vote of the Board:

AYES: Alvarado, Sudduth, Stanley, Wiener
NOES: None
ABSENT: None



Vice President of the Board of Directors
West County Wastewater District
Contra Costa County, California

PROJECT NAME	SRF	PREVIOUS YEARS SPENT	FY 2019 APPROVED	FY 2020 PROPOSED	FY 2021 PROPOSED	FY 2022 PROPOSED	FY 2023 PROPOSED	FY 2024 PROPOSED	FY2025 and Beyond	ESTIMATED PROJECT TOTAL
Committed Projects										
Sodium Hypo Tank Replacements		\$1,313,774	\$238,159	\$0	\$0	\$0	\$0	\$0	\$0	\$1,551,933
Electrical Improvements	1	\$6,505,520	\$256,744	\$0	\$0	\$0	\$0	\$0	\$0	\$6,762,264
Recycled Water Reliability Upgrade	2	\$29,902,196	\$1,129,700	\$0	\$0	\$0	\$0	\$0	\$0	\$31,031,896
Miscellaneous Mechanical Imp.	1	\$2,452,365	\$326,875	\$0	\$0	\$0	\$0	\$0	\$0	\$2,779,240
Primary Clarifier Improvements	1	\$2,947,317	\$130,345	\$0	\$0	\$0	\$0	\$0	\$0	\$3,077,662
Bar Screen Replacements		\$308,979	\$61,021	\$0	\$0	\$0	\$0	\$0	\$0	\$370,000
Inflow & Infiltration study		\$251,059	\$178,941	\$0	\$0	\$0	\$0	\$0	\$0	\$430,000
WPCP Facility Improvements		\$199,429	\$148,333	\$335,000	\$0	\$0	\$0	\$0	\$0	\$682,762
Pipe Bursting of Sanitary Sewers		\$8,789	\$1,216,211	\$0	\$0	\$0	\$0	\$0	\$0	\$1,225,000
Foster Lane Sewer		\$37,708	\$50,000	\$1,250,000	\$0	\$0	\$0	\$0	\$0	\$1,337,708
Via Verdi Landslide		\$211,945	\$34,055	\$34,000	\$0	\$0	\$0	\$0	\$0	\$280,000
CSO Feasibility/Structural Review		\$24,251	\$50,749	\$0	\$0	\$0	\$0	\$0	\$0	\$75,000
Cogeneration feasibility study		\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
La Paloma		\$0	\$300,000	\$1,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$3,300,000
Security Improvements at Plant		\$0	\$0	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500,000
SRF assistance		\$221,603	\$28,000	\$30,072	\$0	\$0	\$0	\$0	\$0	\$279,675
Replace Caustic Tank at WPCP		\$0	\$60,000	\$1,115,000	\$0	\$0	\$0	\$0	\$0	\$1,175,000
Security Camera repair at WPCP		\$0	\$66,612	\$133,388	\$0	\$0	\$0	\$0	\$0	\$200,000
Subtotal		\$44,384,935	\$4,325,745	\$4,397,460	\$2,000,000	\$0	\$0	\$0	\$0	\$55,108,140
Projects in design										
Maintenance Bldg at WPCP	3	\$90,875	\$659,125	\$0	\$0	\$0	\$6,000,000	\$6,000,000	\$1,250,000	\$14,000,000
Bid Package #3.1: priority sewers	3	\$32,312	\$250,688	\$3,758,000	\$0	\$0	\$0	\$0	\$0	\$4,041,000
Various Lift Stations (BP#3)	1	\$165,569	\$294,690	\$3,000,000	\$1,800,000	\$0	\$0	\$0	\$0	\$5,260,259
Roofs at WPCP phase 2		\$0	\$38,170	\$436,830	\$0	\$0	\$0	\$0	\$0	\$475,000
Replace Valves at Effluent Structure		\$0	\$75,000	\$1,125,000	\$0	\$0	\$0	\$0	\$0	\$1,200,000
Sonoma Ave. Line replacement		\$0	\$0	\$1,700,000	\$0	\$0	\$0	\$0	\$0	\$1,700,000
Replace Valves at Headworks		\$0	\$75,000	\$1,125,000	\$0	\$0	\$0	\$0	\$0	\$1,200,000
Subtotal		\$288,756	\$1,392,673	\$11,144,830	\$1,800,000	\$0	\$6,000,000	\$6,000,000	\$1,250,000	\$27,876,259
Projects that have not started										
CSO Facilities		\$24,250	\$0	\$2,586,500	\$0	\$0	\$6,000,000	\$0	\$0	\$8,610,750
DAFT rehabilitation		\$0	\$100,000	\$1,150,000	\$1,150,000	\$0	\$0	\$0	\$0	\$2,400,000
VFD & MCC at Headworks		\$0	\$50,000	\$950,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000
Replace Engine-Driven Blowers		\$0	\$10,000	\$1,490,000	\$0	\$0	\$0	\$0	\$0	\$1,500,000
Digester 2 interior coating		\$0	\$0	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500,000
Cathodic Protection		\$82,285	\$50,000	\$100,000	\$100,000	\$100,000	\$0	\$0	\$0	\$432,285
Acoustics at Hilltop		\$2,400	\$167,600	\$180,000	\$0	\$0	\$0	\$0	\$0	\$350,000
Repairs to WCA Joint Outfall		\$0	\$100,000	\$200,000	\$0	\$0	\$0	\$0	\$0	\$300,000
CCTV of collection system		\$0	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
Wetland / horizontal levee		\$0	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
Additional Staff to deliver CIP		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Leachate MOSCAD Upgrade		\$0	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
Effluent Dechlorination		\$0	\$0	\$2,500,000	\$0	\$0	\$0	\$0	\$0	\$2,500,000
Subtotal		\$108,935	\$1,477,600	\$9,706,500	\$1,250,000	\$100,000	\$6,000,000	\$0	\$0	\$18,643,035

PROJECT NAME	SRF	PREVIOUS YEARS SPENT	FY 2019 APPROVED	FY 2020 PROPOSED	FY 2021 PROPOSED	FY 2022 PROPOSED	FY 2023 PROPOSED	FY 2024 PROPOSED	FY2025 and Beyond	ESTIMATED PROJECT TOTAL
Individual Gravity Sewer Projects										
Bid Package #3.2	3	\$5,214	\$0	\$0	\$1,500,000	\$2,800,000	\$1,032,386	\$0	\$0	\$5,337,600
Bid Package #3.3	3	\$0	\$0	\$0	\$750,000	\$1,496,000	\$750,000	\$0	\$0	\$2,996,000
Bid Package #3.4	3	\$0	\$0	\$0	\$500,000	\$1,200,000	\$1,704,000	\$0	\$0	\$3,404,000
Bid Package #3.6	3	\$0	\$0	\$0	\$150,000	\$500,000	\$1,043,000	\$0	\$0	\$1,693,000
State Mandate additional pipes		\$0	\$0	\$4,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$0	\$24,000,000
Subtotal		\$5,214	\$0	\$4,000,000	\$7,900,000	\$10,996,000	\$9,529,386	\$5,000,000	\$0	\$37,430,600
Individual Lift Station Projects										
Tara Hills Lift Station		\$0	\$0	\$0	\$0	\$247,443	\$1,650,557	\$0	\$0	\$1,898,000
D'Avila Lift Station		\$0	\$0	\$0	\$0	\$53,843	\$359,157	\$0	\$0	\$413,000
La Honda Lift Station		\$0	\$0	\$0	\$0	\$46,152	\$307,848	\$0	\$0	\$354,000
Carriage Hills Lift Station		\$0	\$0	\$0	\$0	\$21,251	\$141,749	\$0	\$0	\$163,000
Subtotal		\$0	\$0	\$0	\$0	\$368,689	\$2,459,311	\$0	\$0	\$2,828,000
		\$44,787,840	\$7,196,018	\$29,248,790	\$12,950,000	\$11,464,689	\$23,988,697	\$11,000,000	\$1,250,000	\$141,886,034
Projects not currently included										
Cogeneration improvements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,203,000
Digester heating & mixing upgrade		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,744,007
Other planning studies		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,800,000
Training Facility		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000
Environmental Center at WPCP		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000
Sludge dewatering improvements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$37,199,727
Aeration Rehabilitation		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,425,159
Odor Control phase 1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,121,539
RAS rehabilitation		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,187,967
Secondary sedimentation		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,233,693
Equalization expansion		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,959,542
Lift Station SCADA communication		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000
Energy efficiency phase 1)Cogen Esco)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000
Planning		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Master Plan updates		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,513,704
		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$103,638,338