

Notice and Agenda

REGULAR MEETING — BOARD OF DIRECTORS — COUNTY SANITATION DISTRICT NO. 2

To be held at the OFFICE OF THE DISTRICT
1955 Workman Mill Road, Whittier, California

For the public to join the meeting virtually, click <https://us02web.zoom.us/j/8091438308> or enter the Meeting ID 809 143 8308 into the Zoom app on your smartphone or computer. Alternatively, you may join by phone by calling (669) 900-9128 and entering the Meeting ID. You may find further information at: <http://www.lacsd.org/agendas>

THE DISTRICT MAY TAKE ACTION ON ANY AGENDA ITEM LISTED BELOW

WEDNESDAY	March 8, 2023	At 1:30 P.M.
Governing Body	Director	Alternate
ALHAMBRA	ANDRADE-STADLER	MAZA
ARTESIA	MANALO	TAJ
BELL	ARROYO	SALEH
BELL GARDENS	CORTEZ	BARCENA
BELLFLOWER	SANTA INES	HAMADA
CERRITOS	VO	BARROWS
COMMERCE	REBOLLO	ALTAMIRANO
COMPTON	SHARIF	-----
DOWNEY	FROMETA	TRUJILLO
LONG BEACH	RICHARDSON	SARO
LOS ANGELES CITY	KREKORIAN	MC OSKER
MONTEBELLO	TORRES	JIMENEZ
MONTEREY PARK	SANCHEZ	WONG
NORWALK	VALENCIA	PEREZ
PARAMOUNT	CUELLAR STALLINGS	AGUAYO
PICO RIVERA	LUTZ	CAMACHO
SAN GABRIEL	DING	MENCHACA
SOUTH GATE	AVALOS	DAVILA
VERNON	LOPEZ	-----
WHITTIER	VINATIERI	WARNER (Chairperson)
LOS ANGELES COUNTY	HAHN	HORVATH

CONSENT AGENDA

1. Public Comment
2. Receive and Order Filed Action Appointing Ms. Suely Saro as Alternate Director of the City of Long Beach
3. Approve Minutes of Regular Meeting Held February 22, 2023
4. Approve December 2022 Expenses in Amount of \$81,134,820.21

Summary: Local District expenses represent costs incurred for operations, maintenance, and capital projects that are the sole responsibility of the individual District. Allocated expenses represent the District’s proportionate share of expenses made by District No. 2, the Administrative District, on its behalf pursuant to either the Joint Administration Agreement or the Joint Outfall Agreement. These Agreements provide for the joint administration, technical support and management of the operations, maintenance, and capital costs associated with all of the shared facilities for all of the signatory Districts, along with the methodology for determining the proportionate costs for each participating District. District No. 2 also acts as the Administrative District for the Solid Waste System expenses which are managed pursuant to the Solid Waste Management System Agreement, the Los Angeles County Refuse Disposal Trust Fund Agreement, and a series of Joint Powers Agreements. District No. 2 also acts as the Administrative District for Stormwater Management expenses the Districts incur, and are later reimbursed for, in assisting their member cities and unincorporated Los Angeles County address stormwater compliance issues. A listing of Districts’ payments and previously approved budgets can be found on the Districts’ website at lacsd.org/financial-documents. This item is consistent with the Districts’ Guiding Principle of commitment to fiscal responsibility and prudent financial stewardship.

	District No. 2	Joint Outfall System	Solid Waste System	Stormwater
Operations & Maintenance	\$ 127,119.40	\$21,693,262.65	\$6,724,115.22	<u>\$10,090.81</u>
Capital		16,645,930.97	724,295.89	
Allocated Expenses:				
Joint Administration		4,760,801.22	1,690,483.09	
Joint Outfall	<u>24,322,694.30</u>			
Technical Support		4,218,430.98	217,596.04	
Total Expenses	<u>\$24,449,813.34</u>	<u>\$47,318,425.82</u>	<u>\$9,356,490.24</u>	<u>\$10,090.81</u>

REGULAR AGENDA

1. Approve Director Request to Participate by Teleconference and Utilize Just Cause per Assembly Bill (AB) 2449, *California Government Code, Section 54953(f) and (j)*

Summary: On February 25, 2023, Director Taj, City of Artesia, requested to attend the Board meetings, virtually, utilizing the just cause provisions of AB 2449, while he is traveling to Washington DC for city business. The Director shall participate through both audio and visual technology. At the beginning of the meeting, the Director must also give a general description of the circumstances relating to the need to appear remotely, state whether any individuals, 18 years of age or older, are present in the room at the remote location, and state the general nature of the member's relationship with them. This item is consistent with the Districts' Guiding Principle to provide transparent communication to our Boards and the public.

2. Re: Contract with Nu Line Technologies, LLC, in Amount of Approximately \$2,196,752, for Construction of [Ben Lomond Trunk Sewer Rehabilitation](#) (Project)
 - (a) Report on Bids and Award and Order Executed Contract
 - (b) Order Staff to Review Insurance and Surety Bonds for Performance and Payment and, if Sufficient, Order Secretary to Execute Contract Evidencing Approval of Bonds and Insurance

Summary: The Project will consist of rehabilitation of approximately 15,035 feet of existing 12- to 15-inch-diameter corroded concrete pipe, approximately 672 feet of existing 15-inch-diameter damaged vitrified clay pipe and appurtenant structures that were constructed in the 1950s and 1960s. The work is located within the Cities of Covina, Glendora, La Verne, San Dimas, and unincorporated area of Los Angeles County as shown on the attached map. The bid summary/recommendation to award is attached. Staff has determined that the Project is exempt or otherwise not subject to the provisions of the California Environmental Quality Act (CEQA) pursuant to California Public Resources Code Section 21080(b)(4) and Title 14 of the California Code of Regulations ("CEQA Guidelines") Section 15301. This item is consistent with the Districts' Guiding Principles to protect financial and facility assets through prudent investment and maintenance programs; and commitment to operational excellence (protection of public health and the environment, regulatory compliance, and cost effectiveness).

3. Re: Contract with Sancon Technologies, Inc., in Amount of Approximately \$2,882,197, for Construction of [Artesia Extension Trunk Sewer Rehabilitation Phase 2](#) (Project)
 - (a) Report on Bids and Award and Order Executed Contract
 - (b) Order Staff to Review Insurance and Surety Bonds for Performance and Payment and, if Sufficient, Order Secretary to Execute Contract Evidencing Approval of Bonds and Insurance

Summary: The Project will consist of rehabilitation of approximately 5,798 feet of 10- to 39-inch corroded concrete pipe, cracked vitrified clay pipe and appurtenant structures that were constructed between 1931 and 1983. The work is located within the Cities of Bellflower, Cerritos, and Norwalk as shown on the attached map. The bid summary/recommendation to award is attached. Staff has determined that the Project is exempt or otherwise not subject to the provisions of the California Environmental Quality Act (CEQA) pursuant to California Public Resources Code Sections 21080(b)(4) and Title 14 of the California Code of Regulations ("CEQA Guidelines") Section 15301. This item is consistent with the Districts' Guiding Principles to protect financial and facility assets through prudent investment and maintenance programs; and commitment to operational excellence (protection of public health and the environment, regulatory compliance, and cost effectiveness).

4. Re: Contract with Sancon Technologies, Inc., in Amount of Approximately \$5,376,658, for Construction of [Joint Outfall B Trunk Sewers Group 2 Rehabilitation](#) (Project)
 - (a) Report on Bids and Award and Order Executed Contract
 - (b) Order Staff to Review Insurance and Surety Bonds for Performance and Payment and, if Sufficient, Order Secretary to Execute Contract Evidencing Approval of Bonds and Insurance

Summary: The Project will consist of rehabilitation of approximately 17,664 feet of existing 18-, 21-, and 24-inch-diameter corroded concrete pipe, approximately 140 feet of existing 21-inch-diameter damaged vitrified clay pipe and appurtenant structures that were constructed in the 1940s. The work is located within the Cities of Arcadia, Rosemead, Temple City, and unincorporated area of Los Angeles County as shown on the attached map. The bid summary/recommendation to award is attached. Staff has determined that the Project is exempt or otherwise not subject to the provisions of the California

4. Contd.

Environmental Quality Act (CEQA) pursuant to California Public Resources Code Section 21080(b)(4) and Title 14 of the California Code of Regulations (“CEQA Guidelines”) Section 15301. This item is consistent with the Districts’ Guiding Principles to protect financial and facility assets through prudent investment and maintenance programs; and commitment to operational excellence (protection of public health and the environment, regulatory compliance, and cost effectiveness).

5. Authorize Issuance of Purchase Orders as Follows:

- (a) To West Yost Associates in Amount of Approximately \$195,327 for Enhancements to Sewer Risk Model for Risk-Based Capital Planning

Summary: Following the December 2021 sewer spill in the City of Carson, the Districts retained the services of GHD, a third-party engineering consulting firm, to perform an independent external audit of the spill including a programmatic review of the Districts’ sewer maintenance and capital improvement programs relative to industry standards. One of the recommendations of the GHD audit report was to implement a risk-based prioritization process for capital planning for sewer rehabilitation. Subsequently, the Districts retained West Yost to develop a base risk model of the sewer system that was completed in December 2022 utilizing specialized software. This second purchase order will implement enhancements to the sewer risk model to include capital planning work flows, incorporate additional sewer system asset types, and implement advanced features of the software. West Yost is uniquely qualified to perform these enhancements based on their successful development of the base risk model and experience with the specialized software. This item is consistent with the Districts’ Guiding Principles of commitment to continual improvement; and commitment to operational excellence (protection of public health and the environment, regulatory compliance, and cost effectiveness).

- (b) To Royal Industrial Solutions in Amount of Approximately \$221,627 for Annual Software and Hardware Support Services for Rockwell Automation Supervisory Control and Data Acquisition (SCADA) System

Summary: The SCADA system consists of Rockwell Automation software and hardware providing computer-based control over major processes at the Districts’ wastewater treatment plants, pumping plants, and energy recovery facilities. Previous service agreements with Rockwell Automation have proven to be a cost-effective method for providing required maintenance, support, and software updates. Royal Industrial Solutions is the only authorized representative to provide support service agreements to the Districts on behalf of Rockwell Automation. This item is consistent with the Districts’ Guiding Principle to protect financial and facility assets through prudent investment and maintenance program.

- (c) To Tetra Tech, Inc., (TetraTech) in Amount of Approximately \$250,000 to Provide Operation and Maintenance for Biogas Conditioning System (BCS) for Approximately One Year at Joint Water Pollution Control Plant (JWPCP)

Summary: The BCS converts digester gas from JWPCP into renewable natural gas vehicle fuel that is dispensed at JWPCP’s compressed natural gas fueling station. TetraTech designed and constructed the BCS. In August 2021, the Board approved issuance of a purchase order to TetraTech in the amount of \$300,000 to operate and maintain the BCS for a one-year period. Since contractor support is still necessary, the requested purchase order will provide for TetraTech to operate and maintain the BCS for approximately one year with an option for two 1-year extensions with CPI adjustments. TetraTech would conduct inspections, routine services, preventative maintenance, and emergency call-out services to ensure proper function of the BCS. This item is consistent with the Districts’ Guiding Principles to protect financial and facility assets through prudent investment and maintenance programs; and commitment to operational excellence (protection of public health and the environment, regulatory compliance, and cost effectiveness).

- (d) To Warrior Machinery, LLC, in Amount of Approximately \$330,014 for One LiuGong 856H-E Plug-In Electric Wheel Loader at Joint Water Pollution Control Plant (JWPCP)

Summary: The JWPCP uses two mid-size wheel loaders for various maintenance activities at the facility and based on the application and duty cycle, the facility was determined to be the most suitable to receive the first electrified wheel loader. Staff recently demonstrated the LiuGong new plug-in electric wheel loader at the JWPCP. LiuGong is the only manufacturer with a mid-size plug-in electric wheel loader currently available, and Warrior Machinery is the local LiuGong equipment dealer based in Rialto. The plug-in electric wheel loader will produce zero tailpipe emissions. It will be powered by renewable electricity created from biogas at the facility, reducing the Districts’ reliance on fossil fuels. This item is consistent with the Districts’ Guiding Principles of commitment to operational excellence (protection of public health and the environment, regulatory compliance, and cost effectiveness); and provide leadership in our industry through innovation, compliance, and cost effectiveness.

5. Contd.

- (e) To Advanced Earth Sciences, Inc., (AES) in Amount of Approximately \$400,000 for Construction Quality Assurance Services at Scholl Canyon Landfill (SCLF)

Summary: Independent Construction Quality Assurance (CQA) monitoring is required by state regulations during construction of final cover, which will be built as part of a contract previously awarded by the Board in December 2022. Proposals were requested from eight qualified consulting engineering firms, and five were received. AES was ranked as the most qualified to provide the required services and submitted a cost-effective proposal. Staff has determined that the Project is exempt or otherwise not subject to the provisions of the California Environmental Quality Act (CEQA) pursuant to California Public Resources Code Section 21084 and Title 14 of the California Code of Regulations (“CEQA Guidelines”) Section 15301. This item is consistent with the Districts’ Guiding Principle of commitment to operational excellence (protection of public health and the environment, regulatory compliance, and cost effectiveness).

- (f) To American Global Security (AGS) in Amount of Approximately \$1,524,515 for Security Services at Various Districts’ Facilities for One-Year Period

Summary: At the January 11, 2023, meeting, the Board authorized issuance of Purchase Orders for Security Services to Allied Universal, Superior Protection Service, and AGS, with each providing security services for certain District facilities. The recommendations were based on ratings of the firms’ capabilities and site-specific pricing. Subsequently, Allied Universal and Superior Protection Service declined the award. AGS is able to service the sites originally awarded to Allied Universal and Superior Protection Service. AGS’s pricing for those sites is reasonable, and their proposal was highly rated. The overall cost is 2 percent higher than if the order was divided among the three proposers per the previous Board action. The amount shown covers all sites for a one-year period and replaces the award approved at the January 11, 2023, meeting. This item is consistent with the Districts’ Guiding Principles to protect financial and facility assets through prudent investment and maintenance programs; and commitment to fiscal responsibility and prudent financial stewardship.

6. Authorize Settlement of Industrial Wastewater Surcharge Obligations of Angelo & Franco The Mozzarella Guys, in Principal Sum of \$55,131.60, Plus Penalty and Interest, and Authorize Chief Engineer and General Manager and District Counsel to Take All Appropriate Steps to Secure Collection of All Past Due Amounts Including Authority to Institute Litigation, Stipulate to Judgment, and Execute Settlement Agreement That Provides for Payment of Indebtedness on Periodic Basis

Summary: Company representatives have not responded to requests to remedy their outstanding balance and have not yet agreed to proposals to pay the balance in monthly installments. This authorization includes any amounts otherwise due and any additional amounts that become due prior to institution of litigation or settlement. This item is consistent with the Districts’ Guiding Principle of commitment to fiscal responsibility and prudent financial stewardship.

7. Approve Change Orders Nos. 15 and 17 to Contract No. 5322 with J.F. Shea Construction, Inc., for Construction of *Los Coyotes Water Reclamation Plant (LCWRP) Primary Structures Concrete and Lining Repairs* (Project); Resulting in Total Payment of \$305,146.18 for Extra Work

Summary: As part of the Project, the contractor was required to remove and reinstall existing handrails and aluminum covers from the step feed channels at the LCWRP. During construction, it was determined that the existing aluminum covers were severely corroded and therefore could not be reused. The Districts supplied the contractor with new aluminum covers for the Project, and the contractor was directed to modify the existing handrail supports to avoid cutting the new aluminum covers. Separately, to accommodate the proposed work, the contractor was required to remove and reinstall existing slide gate valve stems located within the aeration tanks. During construction it was determined that the existing slide gates were severely corroded and no longer operational. Upon further review, it was determined that the slide gates were no longer required; therefore, the contractor was directed to remove the slide gates, and all appurtenances, and repair the concrete tank walls prior to installation of the protective liner. These items are consistent with the Districts’ Guiding Principles to protect financial and facility assets through prudent investment and maintenance programs; and the commitment to operational excellence (protection of public health and the environment, regulatory compliance, and cost effectiveness).

8. Reject Claim of Injuries by Jose De Jesus Ruiz Torres, Alleging Injuries Sustained at Scholl Canyon Landfill (SCLF)

Summary: On February 2, 2023, a claim of injuries was received from Jose De Jesus Ruiz Torres, alleging he was injured on January 9, 2023, while emptying out his truck at SCLF. He claims that while emptying out his truck, he was struck by a dozer machine causing him to sustain injuries to his neck, left leg, left knee, left ankle, right leg, and back; the claim is for an undisclosed amount. Districts’ staff has

8. Contd.

investigated the incident, and District Counsel has reviewed the claim and recommends that the claim be rejected. This item is consistent with the Districts' Guiding Principle of commitment to fiscal responsibility and prudent financial stewardship.

9. Authorize Chief Engineer and General Manager (Chief Engineer) to Execute [*Sixth Amendment to License Agreement*](#) (Amendment) with Friends of Wilmington Sports Complex, LLC, (FWSC) for Interim Operation of Wilmington Athletic Complex (WAC)

Summary: The WAC is located adjacent to the Joint Water Pollution Control Plant (JWPCP) on 18 acres of Districts' property in the Wilmington neighborhood of the City of Los Angeles (City). In the 1960s, the Districts purchased what was then vacant land to act as buffer for the JWPCP and support potential plant expansion. In the late 1970s, the Districts leased the property to a local organization, which constructed athletic fields and ancillary facilities on the premises. In July 2021, the Board authorized the Chief Engineer to terminate the lease and enter into a License Agreement (License) with FWSC to operate the WAC on an interim basis while the Districts negotiates a long-term Lease Agreement (Lease) with the City's Department of Recreation and Parks (RAP). In June 2022, the Board approved a deal term sheet for the Lease and authorized the Chief Engineer to execute the Lease, which is now in final form. The License expires on March 31, 2023, but staff continues to work with the City on final approval of the Lease. To allow additional time for the Lease approval process, it is recommended that the Board authorize the Chief Engineer to execute the linked Amendment, which extends the term of the License by three months, through June 30, 2023. Staff has determined that authorizing the Chief Engineer to execute the Amendment does not constitute a "Project" under the California Environmental Quality Act (CEQA) pursuant to California Public Resources Code Section 21065 and Title 14 of the California Code of Regulations ("CEQA Guidelines") Section 15378. As fee title holder of the WAC property, District No. 8 must authorize the action requested, and District No. 2, as the administrative District, must approve the authority granted by District No. 8. This item is consistent with the Districts' Guiding Principle of commitment to continual improvement.

10. Re: Transportation of Municipal Solid Waste Collected at Puente Hills Material Recovery Facility and South Gate Transfer Station (SGTS) and Biosolids and Waste Generated at Joint Water Pollution Control Plant (JWPCP)

- (a) Approve and Order Executed [*Agreement for the Transportation of Municipal Solid Waste*](#) (Agreement) with Custom Lumber Designs (CLD) through June 30, 2025.
- (b) Confirm Purchase Order to CLD in Amount of Approximately \$264,000 for Transportation of Municipal Solid Waste from SGTS to Olinda Alpha Landfill
- (c) Approve and Order Executed [*Amendment No. 1 to Agreement for the Transportation of Biosolids and Waste*](#) (Amendment) with Ecology Auto Parts, Inc., (Ecology)

Summary: In 2019, following a competitive selection process, the Districts entered into agreements with Ecology and K&I Services, Inc., (K&I) for the transportation of commodities and residual solid waste. The transportation services commenced on January 1, 2020, for an initial duration of approximately five years. K&I has not provided reliable service and ceased all transportation services provided under their agreement on December 7, 2022. As a result, the K&I agreement has been terminated due to contractor being non-responsive to load requests. CLD provided transportation services at times that K&I was not responsive and acquired the CNG-powered tractors previously owned by K&I and expressed an interest in providing transportation services under the same terms of the K&I agreement. The proposed Agreement will provide transportation services through June 2025 and, upon mutual agreement, will provide for two 24-month extensions. The proposed Agreement and Amendment with Ecology provides for two major modifications. First, they include provisions for a new fuel cost adjustment index to account for the fluctuations in the price of CNG; the original fuel cost adjustment calculation referenced a retail fuel price index that is no longer supported. Second, the documents incorporate the California Supreme Court's recent direction that required special districts to pay prevailing wage. Additionally, the Amendment further expands the scope of work to allow hauling biosolids. Current expenditures are significantly less due to a reduction of tonnage at the Districts' solid waste facilities, therefore Ecology has the ability to support the Districts' short-term needs for biosolids transportation from the JWPCP. This item is consistent with the Districts' Guiding Principle of commitment to operational excellence (protection of public health and the environment, regulatory compliance, and cost effectiveness).

11. Adopt *Final Initial Study/Mitigated Negative Declaration* (IS/MND) and *Mitigation Monitoring and Reporting Program* (MMRP) in Accordance with State Guidelines and Local Procedures Implementing California Environmental Quality Act (CEQA); Make Findings Identified in MND and that MND Reflects District's Independent Judgement for the *San Jose Creek Water Reclamation Plant (SJCWRP) Stage III Primary Sedimentation System Expansion* (Project)

Summary: The District is proposing construction of the Project at SJCWRP to maximize wet-weather treatment capacity and improve operational flexibility. The proposed activities include construction of two new primary sedimentation tanks and repair of damaged concrete and protective lining in the existing secondary treatment channels. The work would occur entirely within the existing footprint and boundaries of the SJCWRP. An IS/MND and MMRP were prepared for the Project in accordance with CEQA guidelines. The Project, with proposed mitigation, will not have a significant effect on the environment. The Board will review and consider the Final IS/MND, Findings, and MMRP together with comments received during the public review process and consider approval of the Final IS/MND, Findings, and MMRP. Two comment letters were received during the public comment period, and responses to these comments have been included in the Final IS/MND. This item is consistent with the Districts' Guiding Principle to provide reliable and responsible services with safety first.

12. Re: Biomethane Interconnection Project at Joint Water Pollution Control Plant (JWPCP)

- (a) Adopt *Resolution of the Board of Directors of County Sanitation District No. 2 of Los Angeles County Declaring Support for Application for Congressionally Directed Spending Request For Biomethane Interconnection Project at Joint Water Pollution Control Plant* (Resolution)
- (b) Authorize Chief Engineer and General Manager, or His Designee, to Execute Documents and Take All Necessary Actions Related to Obtaining Congressionally Directed Funding

Summary: To support Districts' member cities' efforts to divert food waste from landfills and help reduce greenhouse gas emissions, the Districts have undertaken a food waste recycling program where food waste is co-digested with wastewater solids at the JWPCP. This program results in increased biogas production, which is currently used at the JWPCP to generate electricity and make vehicle fuel. Due to increasing deliveries of food waste to JWPCP, there is currently more biogas being generated than can be beneficially used. To develop additional uses for the biogas produced from this program, staff are in the planning stages for a project to clean the biogas to natural gas standards and inject it into SoCalGas' pipeline system. To help fund this project, the Districts plan to submit Congressionally Directed Spending Requests for Fiscal Year 2024 to several Members of Congress asking for up to \$5 million in funding. If funding is appropriated by Congress and the Districts elects to move forward with the project, the Districts would be required to provide 50 percent matching funds. Adoption of the Resolution authorizes the Districts to apply for Congressionally Directed Spending but does not obligate the Districts to accept the funding, provide the matching funds, approve, or construct the project. Staff has determined that the adoption of the Resolution does not constitute a "Project" under the California Environmental Quality Act (CEQA) pursuant to California Public Resources Code Section 21065 and Title 14 of the California Code of Regulations ("CEQA Guidelines") Section 15378. This item is consistent with the Districts' Guiding Principles of commitment to fiscal responsibility and prudent financial stewardship; and to maximize use of our assets and resources (recycled water, recyclables, and energy).

13. Re: Pure Water Southern California (PWSC) Project

- (a) Adopt *Resolution Declaring Support for Grant Application to United States Bureau of Reclamation (USBR) WaterSMART: Water Recycling and Desalination Planning Grant for PWSC* (Resolution)
- (b) Authorize Chief Engineer and General Manager to Execute Subgrant Agreement with Metropolitan Water District of Southern California (Metropolitan) for Administration of USBR WaterSMART Grant Funding

Summary: The Board previously approved the *Regional Recycled Water Program Agreement* with Metropolitan to jointly investigate production and distribution of purified water for the PWSC project. The proposed Resolution supports a joint application with Metropolitan to the USBR for a \$5 million grant to fund planning and preliminary engineering activities by Metropolitan and the Districts. If the grant is awarded, the Districts could receive up to \$1 million for its portion of the activities proposed in the grant application and would be required to provide up to \$3 million in matching funds. Adoption of the Resolution authorizes the Districts to provide these matching funds, but does not obligate the Districts to accept the grant funding or provide the matching funds. Staff recommends that the Board authorize the Chief Engineer and General Manager to enter into a subgrant agreement with Metropolitan to address issues of grant administration. Staff has determined that adoption of the Resolution does not constitute a "Project" under the California Environmental Quality Act (CEQA) pursuant to California Public Resources Code Section 21065 and Title 14 of the California Code of Regulations ("CEQA Guidelines") Section 15378.1. This item is consistent with the Districts' Guiding Principle of commitment to fiscal responsibility and prudent financial stewardship.

14. Re: Wastewater Revenue Program

- (a) Order Wastewater Service Charge Report Containing Description of Each Parcel and Amount of Proposed Wastewater Service Charge for Fiscal Year 2023-24 for Each Parcel; Filed with Clerk of Board of Directors of District
- (b) Establish Date, Time, and Place for Public Hearing on Report; Order Publication of Required Public Notices

Summary: Filing of the Service Charge Report is required each year to collect the wastewater service charge on the property tax roll. The current service charge rate per single-family home is \$15.42 per month (\$185 per year). The rate for fiscal year 2023-24, as previously adopted by the Board of Directors, is \$15.75 per month (\$189 per year). A letter discussing the service charge rate, the fiscal year 2023-24 preliminary budget, and related matters accompanies the agenda. Staff recommends the Public Hearing be held at the Board meeting scheduled for May 10, 2023. This item is consistent with the Districts' Guiding Principles of commitment to fiscal responsibility and prudent financial stewardship; and to plan for both short-term and long-term needs to minimize the need for significant rate increases.

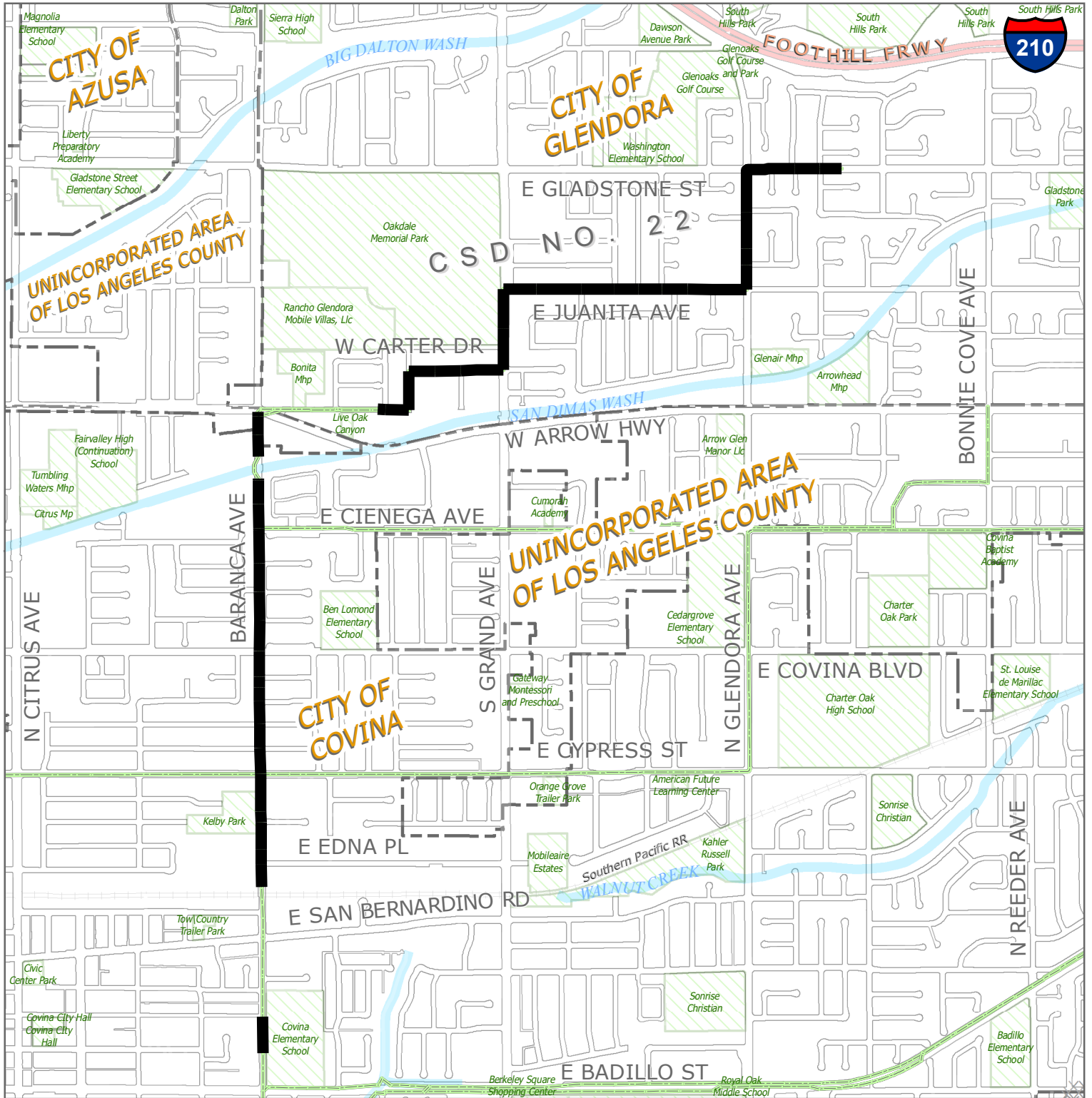
Adjourn

Status Report: Prior to or during the meeting session, the Chief Engineer and General Manager may update the Directors on various matters concerning the Districts that may be of current interest to the Directors.

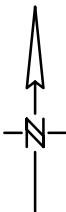
Public Comment: Members of the public may address the Board of Directors on any item shown on the agenda or matter under the Board's authority. A "Request to Address Board of Directors" form is available. In compliance with the Americans with Disabilities Act, if you require special assistance to participate in this meeting, please contact the Secretary to the Boards' Office (562) 908-4288, extension 1100. Notification of 48 hours prior to the meeting will enable staff to make reasonable arrangements to ensure accessibility to this meeting. (28CFR 35.101 et seq. ADA Title II).

Document Requests: Links to supporting documents are available online at the time of posting. Agendas and supporting documents or other writings that will be distributed to Board members in connection with matters subject to discussion or consideration at this meeting that are not exempt from disclosure under the Public Records Act are available for inspection following the posting of this agenda at the office of the Secretary to the Boards of Directors located at the Districts' Joint Administration Building, 1955 Workman Mill Road, Whittier, California, 90601, or at the time of the meeting at the address posted on this agenda.

BEN LOMOND TRUNK SEWER REHABILITATION



PROJECT ROUTE



TO: BOARD OF DIRECTORS OF LOS ANGELES
COUNTY SANITATION DISTRICT NO. 2

RE: AGENDA ITEM NO. R-2(a)

FOR BOARD MEETING March 8, 2023

BIDS were received at the District Office on February 2, 2023

FOR Ben Lomond Trunk Sewer Rehabilitation


No. of Bids Received: 4

<u>BIDDER</u>	<u>TOTAL BID</u>
Nu Line Technologies, LLC	<u>\$2,196,752.00</u>
Insituform Technologies	\$2,567,867.00
Sancon Technologies, Inc.	\$2,786,321.00
Nor-Cal Pipeline	\$3,153,327.00

RECOMMENDATION:

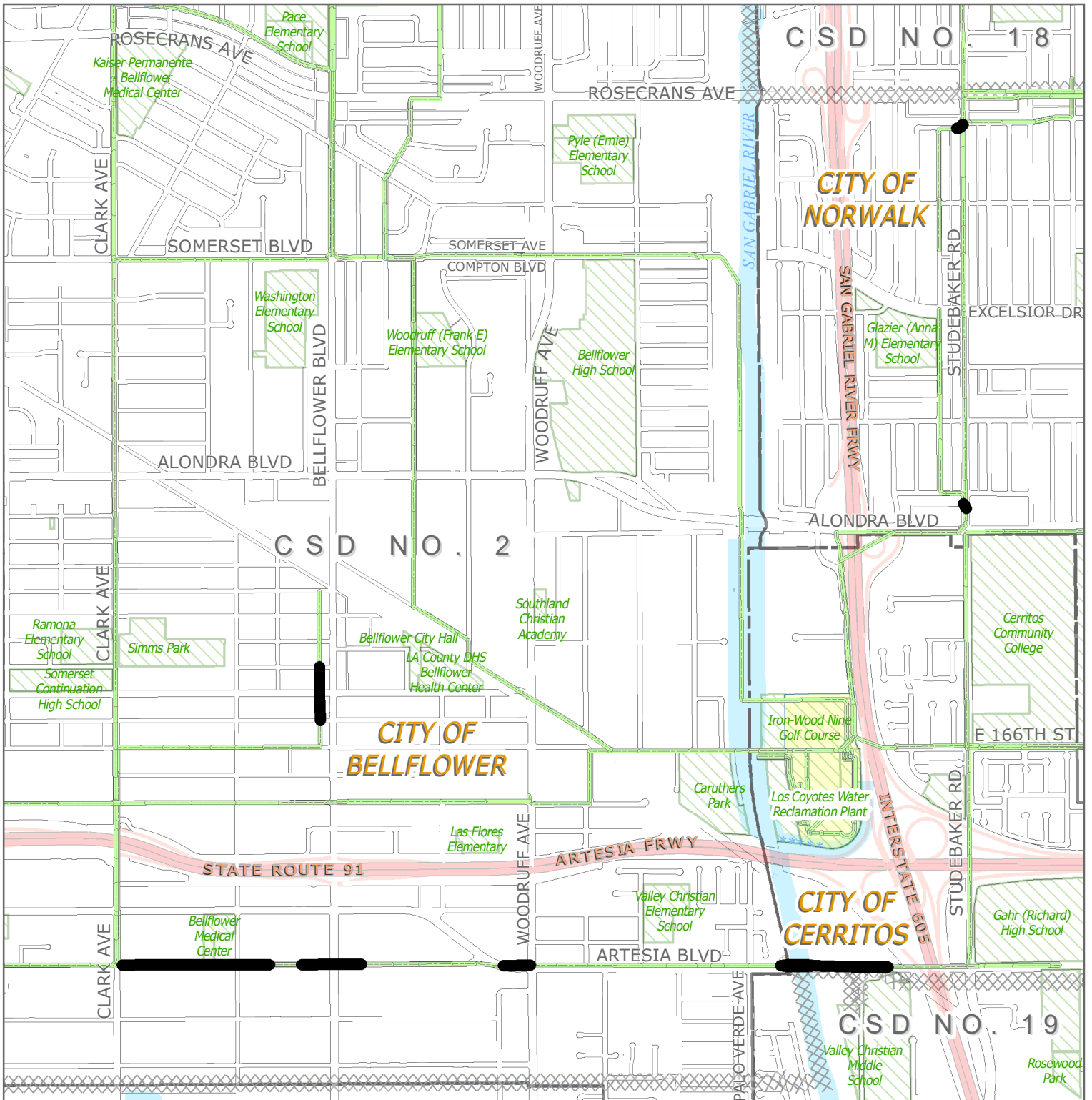
Award contract to Nu Line Technologies, LLC, low bidder, in the amount of \$2,196,752.00.

Engineer's Estimate: \$3,240,000.00

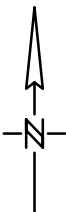


Robert C. Ferrante
Chief Engineer and
General Manager

ARTESIA EXTENSION TRUNK SEWER REHABILITATION PHASE 2



PROJECT ROUTE



TO: BOARD OF DIRECTORS OF LOS ANGELES
COUNTY SANITATION DISTRICT NO. 2

RE: AGENDA ITEM NO. R-3(a)

FOR BOARD MEETING March 8, 2023

BIDS were received at the District Office on February 16, 2023

FOR Artesia Extension Trunk Sewer Rehabilitation Phase 2

No. of Bids Received: 3

<u>BIDDER</u>	<u>TOTAL BID</u>
Sancon Technologies, Inc.	<u>\$2,882,197.00</u>
Insituform Technologies, LLC	<u>\$3,089,802.00</u>
SAK Construction, LLC	<u>\$3,538,842.00</u>

RECOMMENDATION:

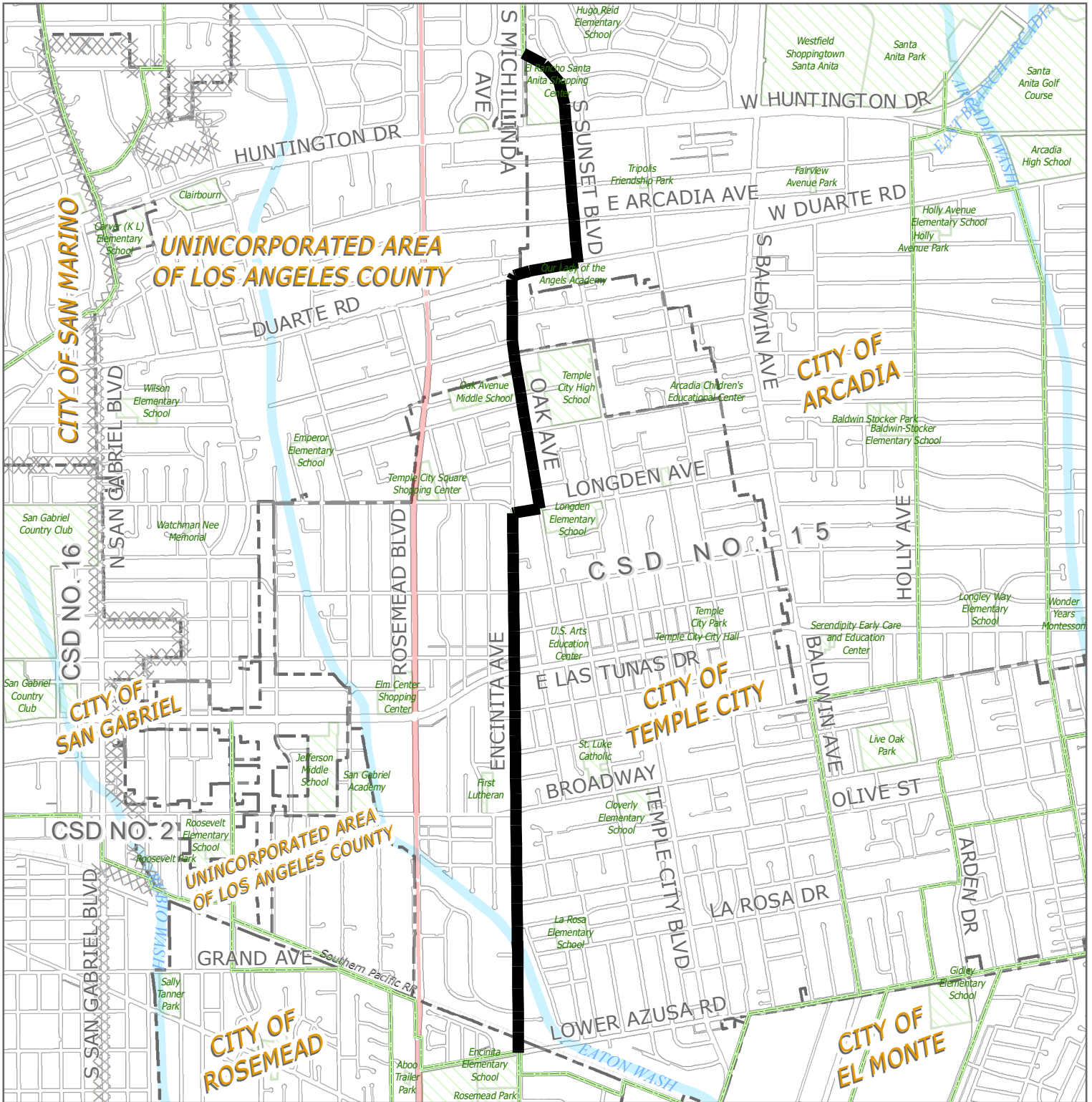
Award contract to Sancon Technologies, Inc., low bidder, in the amount of \$2,882,197.00.

Engineer's Estimate: \$3,000,000.00

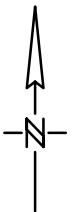


Robert C. Ferrante
Chief Engineer and
General Manager

JOINT OUTFALL B TRUNK SEWERS GROUP 2 REHABILITATION



 PROJECT ROUTE



TO: BOARD OF DIRECTORS OF LOS ANGELES
COUNTY SANITATION DISTRICT NO. 2

RE: AGENDA ITEM NO. R-4(a)

FOR BOARD MEETING March 8, 2023

BIDS were received at the District Office on February 9, 2023

FOR Joint Outfall B Trunk Sewers Group 2 Rehabilitation

No. of Bids Received: 4

<u>BIDDER</u>	<u>TOTAL BID</u>
Sancon Technologies, Inc.	<u>\$5,376,658.00</u>
Insituform Technologies	\$5,626,248.00
Southwest Pipeline and Trenchless Corp.	\$5,793,849.00
SAK Construction, LLC	\$6,505,541.00

RECOMMENDATION:

Award contract to Sancon Technologies, Inc., low bidder, in the amount of \$5,376,658.00.

Engineer's Estimate: \$5,800,000



Robert C. Ferrante
Chief Engineer and
General Manager

**RESOLUTION OF THE BOARD OF DIRECTORS OF
COUNTY SANITATION DISTRICT NO. 2 OF LOS ANGELES COUNTY
DECLARING SUPPORT FOR APPLICATION FOR CONGRESSIONALLY DIRECTED
SPENDING REQUEST FOR BIOMETHANE INTERCONNECTION PROJECT AT
JOINT WATER POLLUTION CONTROL PLANT**

WHEREAS, County Sanitation District No. 2 of Los Angeles County (the “**District**”) and 23 other County Sanitation Districts of Los Angeles County, each organized and existing under the provisions of the County Sanitation District Act, California Health and Safety Code Section 4700 et seq., make up the Los Angeles County Sanitation Districts (“**Sanitation Districts**”); and

WHEREAS, the District is empowered to act as the administrative district for the Sanitation Districts, including on matters concerning the Joint Outfall System and the Joint Water Pollution Control Plant (“**JWPCP**”); and

WHEREAS, in 2017, California enacted Senate Bill (SB) 1383 which requires cities and other jurisdictions to divert organic waste from landfills and either capture the edible food to provide to people in need or divert it to composting or anaerobic digestion, and these requirements took effect in January 2022; and

WHEREAS, in a wastewater treatment plant's anaerobic digester, the decomposition takes place in a few weeks, none of the methane leaks to the atmosphere, and by digesting rather than landfilling food waste, greenhouse gases that contribute to climate change are reduced. A product of this process is biogas which can be used for electricity, fuel or, after additional processing and cleaning, can become biomethane that is injected into natural gas pipelines; and

WHEREAS, the Sanitation Districts have a food waste recycling program involving preprocessing up to 165 tons per day of food waste into slurry at the Puente Hills Materials Recovery Facility and accepting up to 600 tons per day of food waste slurry at JWPCP; and

WHEREAS, the biogas currently is sent to the power plant located at the JWPCP where it is converted into electricity that runs the treatment plant or treated with a gas purification system to make up to the equivalent of 2,000 gallons of gasoline per day of fuel grade Compressed Natural Gas (CNG) which is sold to users at the Sanitation Districts’ existing CNG fueling station at the JWPCP; and

WHEREAS, staff recognizes there is a need to develop new uses for the biogas produced at the JWPCP as the food waste recycling program grows. Feasibility Studies are currently underway to evaluate the ability to further treat biogas to remove impurities so the gas meets the necessary standards to allow for direct injection into existing natural gas pipelines owned and operated by the Southern California Gas Company or other gas utility companies (known as the “**JWPCP Biomethane Interconnection Project**”); and

WHEREAS, the California Public Utilities Commission adopted a rulemaking in 2022 that requires natural gas utilities to procure specified quantities of biomethane to decarbonize the natural gas system in California to reduce climate change impacts; and

WHEREAS, interconnection and injection of biomethane, which can be done at the JWPCP for an estimated capital cost of approximately \$10 million, into Southern California Gas Company's natural gas pipeline will allow the Sanitation Districts to develop and market new diverse and sustainable uses of the biogas produced at JWPCP; and

WHEREAS, California's United States Senators and Members of the House of Representatives have invited local governments to submit requests for funding for Congressionally Directed Spending that are transparent and meet all requirements and guidelines of the Senate and House, respectively. In addition, applicants must provide a minimum 50% cost share for projects requesting federal funds from the United States Department of Energy which would be the source of funding for this request.

NOW, THEREFORE, the District's Board of Directors finds and resolves as follows:

Section 1. The above recitals are true, correct and are specifically incorporated in and made a substantive part of this Resolution.

Section 2. The District's Board of Directors hereby supports and directs the District to submit a Congressionally Directed Spending Request to members of California's Congressional delegation, as appropriate, for \$5 million in funding to support the JWPCP Biomethane Interconnection Project.

Section 3. If the project is selected by Congress for funding, the Board of Directors of the District authorizes the Chief Engineer and General Manager to enter into an agreement with USDOE, or any other designated agency of the United States Government authorized to disburse such funding, to provide funding for the JWPCP Biomethane Interconnection Project.

Section 4. The Board of Directors of the District declares that the District is authorized to provide a cost-share of at least 50%.

PASSED AND ADOPTED by the Board of Directors of County Sanitation District No. 2 of Los Angeles County at its meeting on March 8, 2023.

By: _____
Chairperson, Board of Directors

ATTEST:

By: _____
Secretary to the Board

**RESOLUTION OF THE BOARD OF DIRECTORS OF
COUNTY SANITATION DISTRICT NO. 2 OF LOS ANGELES COUNTY
DECLARING SUPPORT FOR GRANT APPLICATION TO
UNITED STATES BUREAU OF RECLAMATION WATERSMART:
WATER RECYCLING AND DESALINATION PLANNING GRANT
FOR PURE WATER SOUTHERN CALIFORNIA**

WHEREAS, County Sanitation District No. 2 of Los Angeles County (the “**District**”) and 23 other County Sanitation Districts of Los Angeles County, each organized and existing under the provisions of the County Sanitation District Act, California Health and Safety Code Section 4700 et seq., make up the Los Angeles County Sanitation Districts (“**Sanitation Districts**”); and

WHEREAS, the District is empowered to act as the administrative district for the Sanitation Districts, including on matters concerning the Joint Outfall System and the Joint Water Pollution Control Plant (“**JWPCP**”); and

WHEREAS, on November 16, 2015, the District’s Board of Directors approved the *Regional Recycled Water Program Agreement* (CSD Contract No. 4940,) with Metropolitan Water District of Southern California (“**Metropolitan**”) for a potential advanced water purification facility (“**AWPF**”) at the JWPCP that would produce up to 150 million gallons per day of purified water.

WHEREAS, on November 16, 2020, the District’s Board of Directors approved the *First Amendment to the Regional Recycled Water Program Agreement* (CSD Contract No. 4940A) with Metropolitan to define the responsibilities of each party and guides the environmental planning phase for a full-scale project, including the joint preparation of conceptual facilities plan and environmental documentation.

WHEREAS, Metropolitan and the Sanitation Districts subsequently renamed Regional Recycled Water Program as Pure Water Southern California (“**Pure Water**”).

WHEREAS, preliminary planning studies indicate the project will require modifications to the JWPCP facilities to reduce the nitrogen levels in order to produce suitable source water for the AWPF. One approach to reduce nitrogen in the JWPCP produced source water is to remove centrate nitrogen from the solids processing. A sidestream centrate treatment process known as deammonification is a proven and cost-effective treatment process used in other treatment facilities around the world and was successfully demonstrated by Sanitation Districts’ staff to achieve nitrogen reduction during pilot-scale testing from 2013-2014. Sidestream centrate treatment will also reduce discharge of nutrients to the ocean and will likely be included in the Capital Improvement Project list for approval consideration in 2024.

WHEREAS, in December 2022, U.S. Bureau of Reclamation released Notice of Funding Opportunity (NOFO) No. R23AS00076 under the Title XVI Program for the Water Recycling and Desalination Planning Grant (WaterSMART) that would provide grants for feasibility studies, planning, preliminary design, and environmental compliance activities for planned projects with an estimated cost of over \$500 million that meet the requirements of the Large-Scale Water Recycling Funding Program authorized by the Infrastructure Investment and Jobs Act of 2021.

WHEREAS, qualifying projects may receive grants up to \$5 million, applicants must provide a minimum 75 percent cost share and grant funds must be used within two years of award.

WHEREAS, jointly pursuing these funds for the Pure Water project with Metropolitan staff will provide mutual benefits to the Sanitation Districts and Metropolitan. If awarded, Metropolitan would receive up to \$4 million to augment their previously-prepared Title XVI feasibility study to comply with the requirements of the new Large-Scale Water Recycling Funding Program and conduct preliminary design of the planned backbone conveyance pipeline infrastructure and the Sanitation Districts would receive up to \$1 million for preliminary engineering and design studies of the sidestream centrate treatment system at the JWPCP.

WHEREAS, use of grant funds would substantially reduce the Sanitation Districts' and Metropolitan's costs for these activities.

NOW, THEREFORE, the District's Board of Directors finds and resolves as follows:

Section 1. The above recitals are true, correct and are specifically incorporated in and made a substantive part of this Resolution.

Section 2. The District's Board of Directors hereby supports the joint pursuit of the WaterSMART: Water Recycling and Desalination Planning Grant with Metropolitan. Metropolitan will be responsible for the preparation and submittal of the application.

Section 3. If the grant is awarded, the District's Board of Directors authorizes the Chief Engineer and General Manager to enter into a subgrant agreement with Metropolitan and accept up to \$1 million in grants for preliminary design of a sidestream centrate treatment system at the JWPCP.

Section 4. The District's Board of Directors declares that the District is authorized to provide matching funds up to \$3 million.

[signatures appear on following page]

PASSED AND ADOPTED by the Board of Directors of County Sanitation District No. 2 of Los Angeles County at its meeting on March 8, 2023.

By: _____
Chairperson, Board of Directors

ATTEST:

By: _____
Secretary to the Board

**RESOLUTION OF THE BOARD OF DIRECTORS OF
COUNTY SANITATION DISTRICT NO. 2 OF LOS ANGELES COUNTY
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UNITED STATES BUREAU OF RECLAMATION WATERSMART:
WATER RECYCLING AND DESALINATION PLANNING GRANT
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[signatures appear on following page]

PASSED AND ADOPTED by the Board of Directors of County Sanitation District No. 2 of Los Angeles County at its meeting on March 8, 2023.

By: _____
Chairperson, Board of Directors

ATTEST:

By: _____
Secretary to the Board



February 3, 2023

Boards of Directors
Los Angeles County Sanitation Districts

Directors:

Wastewater Revenue Program for Fiscal Year 2023-24

The agendas for the upcoming meetings of the Boards of Directors contain an item regarding the District's service charges for residential, commercial, and small industrial dischargers which are collected on the property tax roll.

The current service charge rates have previously been adopted by the Boards and no changes are being proposed to these rates. However, in order to continue to collect the service charge on the property tax roll the Boards must take certain actions. Specifically, pursuant to state law, the Boards must: (1) order a Service Charge Report be filed with the District Clerk, (2) establish the date, time, and place for a public hearing on the report; and (3) direct the publication of the required notices.

SERVICE CHARGE AND SURCHARGE RATES

The service charge rates for the current fiscal year are attached. No change to the adopted rates is proposed for fiscal year 2023-24. Multi-family residential units will pay 60% of the adopted single-family home rate and condominiums will pay 75% of the adopted single-family home rate. Likewise, commercial and industrial dischargers will pay in proportion to their use of the wastewater management system compared to a single-family home. Dischargers with verified low water usage (particularly seniors and retirees) may also qualify for a reduced charge.

BUDGET FOR FISCAL YEAR 2023-24

Enclosed for your review is the preliminary budget for fiscal year 2023-24; a list of proposed capital projects (if any); a list of user fees; information on the monies set aside in various funds/reserves; and an explanation of terms used in the budget. The funds and reserves were established and funded in accordance with the District's Wastewater Financial Reserve Policy. If applicable, a preliminary budget for the Joint Outfall System (JOS) for fiscal year 2023-24, a list of proposed JOS capital projects, and information on JOS reserves has also been included to provide more detail on the District's share of Joint Outfall expenses, but will only be adopted by District 2, the administrative District for the JOS.

A final budget will be presented to the Board for consideration in June as part of the overall budgetary process, adoption of which will authorize budget appropriations.

LOW WATER REBATE PROGRAM

Because the cost of metering wastewater discharges from individual parcels is impractical and cost prohibitive, discharges are estimated using standard loading factors based on the size and types of facilities located on the parcel. With the ongoing efforts by local communities to conserve water and install low-flow plumbing fixtures, many parcels may be discharging at lower rates than is currently estimated. The Districts' low water rebate program allows parcel owners to apply for a reduction in their service charge rate based on their actual water usage. Staff has conducted a concerted public outreach program, including information on the program in our Proposition

218 notices, newspaper advertisements, and the Districts' website, to ensure that parcel owners are aware of the program.

SUMMARY OF REQUIRED ACTIONS

As previously discussed, the Board must order the filing of a Service Charge Report (enclosed) with the District Clerk. The Board must also schedule a public hearing and instruct the District Clerk to publish newspaper notices to inform the public of the hearing. After the close of its public hearing, the Board will consider adoption of the Service Charge Report, as is required under the California Health and Safety Code in order for the District to continue to collect the previously approved wastewater service charge as a separate line item on the property tax roll. This is the most cost-effective and efficient means of collecting the service charges. It is recommended that the public hearing be set for the date, time and location listed on the agenda.

At the June Board meetings, final budgets will be presented to the Boards of Directors for consideration as part of the overall budgetary process, adoption of which will authorize budget appropriations. In addition, the Boards must take certain administrative actions that are required of all agencies that receive ad valorem taxes. These include establishing by resolution the amount of the tax levy Districts will request from the Los Angeles County Tax Collector and adopting a limit on authorized expenditures of tax proceeds.

Very truly yours,



Robert C. Ferrante

RCF:gc
Enclosures

COUNTY SANITATION DISTRICT NO. 2 SERVICE CHARGE REPORT FOR FISCAL YEAR 2023-24

INTRODUCTION

County Sanitation District No. 2 of Los Angeles County encompasses all or portions of the cities of Alhambra, Artesia, Bell, Bellflower, Bell Gardens, Cerritos, Commerce, Compton, Downey, Long Beach, Los Angeles, Montebello, Monterey Park, Norwalk, Paramount, Pico Rivera, San Gabriel, South Gate, Vernon, and Whittier and unincorporated Los Angeles County.

District No. 2 is one of seventeen (17) contiguous sanitation districts within the urbanized Los Angeles Basin signatory to the Amended Joint Outfall Agreement. These Districts, known as the Joint Outfall Districts, have formed a regional wastewater management system known as the Joint Outfall System. This regional system provides for operation and maintenance of large sewers, pumping plants, inland water reclamation plants, and the Joint Water Pollution Control Plant. These services are essential to protect the public health of the people served by the system.

District No. 2, as a member of the Joint Outfall System, must provide a proportionate share of the revenue required to operate and maintain the facilities. Additionally, District No. 2 is responsible for any costs associated with the local sewers and pumping plants that are owned by District No. 2 and are solely for its benefit. The general revenue sources currently available to the District include a pro rata share of the ad valorem (property) taxes, service charges, industrial wastewater surcharges, grants, state low-interest loans, interest income, contract revenue and reserves. Any surplus will be transferred to designated reserves to meet targeted reserve requirements.

PROPOSED SYSTEM DESCRIPTION

The supplemental revenue required under the *Master Service Charge Ordinance of County Sanitation District No. 2 of Los Angeles County* will be allocated among classes of developed parcels of real property on the basis of use of the sewerage system. The revenue derived from the service charge will be used for operation and maintenance and capital costs.

All industrial dischargers in District No. 2 discharging more than 1.0 million gallons per year are required to file a wastewater surcharge statement as prescribed in the Wastewater Ordinance to pay their appropriate share of the costs based on their use of the sewerage system. All other users of the sewerage system, except for contractual and local government users, will pay service charges.

The basic term used to define the service charge is a sewage unit. A sewage unit represents the average daily quantity of sewage flow and strength from a single-family home measured in terms of flow, chemical oxygen demand, and suspended solids. The number of sewage units (SU) per unit of measure shall be determined by the following formula:

$$\text{SU} = A \left(\frac{\text{FLOW}_{\text{avg}}}{\text{FLOW}_{\text{sfh}}} \right) + B \left(\frac{\text{COD}_{\text{avg}}}{\text{COD}_{\text{sfh}}} \right) + C \left(\frac{\text{SS}_{\text{avg}}}{\text{SS}_{\text{sfh}}} \right)$$

where:

- A = The proportion of the total operation and maintenance and capital costs required for conveyance, treatment, and disposal of wastewater for the fiscal year which is attributable to flow;
- B = The proportion of the total operation and maintenance and capital costs required for conveyance, treatment, and disposal of wastewater for the fiscal year which is attributable to COD;

- C = The proportion of the total operation and maintenance and capital costs required for conveyance, treatment, and disposal of wastewater for the fiscal year which is attributable to suspended solids;
- FLOW_{sfh} = Average flow of wastewater from a single-family home in gallons per day;
- COD_{sfh} = Average loading of COD in the wastewater from a single-family home in pounds per day;
- SS_{sfh} = Average loading of suspended solids in the wastewater from a single-family home in pounds per day;
- FLOW_{avg} = Estimated flow of wastewater which will enter the sewerage system from a user in gallons per day;
- COD_{avg} = Estimated loading of COD which will enter the sewerage system from a user in pounds per day;
- SS_{avg} = Estimated loading of suspended solids which will enter the sewerage system from a user in pounds per day.

For fiscal year 2023-24, the proportions of the total operation and maintenance and capital costs attributable to flow, chemical oxygen demand, and suspended solids have been assigned the following values:

A	=	0.3049
B	=	0.3348
C	=	0.3603

The service charge for each sewage unit is determined by dividing the total required supplemental revenue by the total number of sewage units in the District. The service charge for each parcel is determined by multiplying the service charge for each sewage unit by the number of sewage units attributable to the parcel, which in turn, is determined by the class of real property and the sewage unit formula and the flow, COD and SS loadings from Table 1, which shows the corresponding value for each class of real property in District No. 2.

Based upon presently anticipated sources of funds, the service charge rate for fiscal year 2023-24 \$189 per sewage unit. Parcels with significantly lower water usage may be eligible for a reduced rate pursuant to the terms of the *Master Service Charge Ordinance of County Sanitation District No. 2 of Los Angeles County*.

DESCRIPTION OF PARCELS RECEIVING SERVICES AND IDENTIFICATION OF AMOUNT OF CHARGE FOR EACH PARCEL

All parcels of real property within the 2023-24 Tax Rate Areas as shown in Table 2 are receiving or benefiting from the services and facilities of District No. 2. Additionally, the parcels listed in Table 3, which do not fall within the Tax Rate Areas shown in Table 2, are receiving or benefiting from the services and facilities of District No. 2. Said parcels are more particularly described in maps prepared in accordance with Section 327, Revenue and Taxation Code, which are on file in the office of the County Assessor, which maps are hereby incorporated herein by reference.

All commercial and institutional parcels assessed a service charge based on the Los Angeles County Assessor's current tax roll shall be charged on the basis of not less than one (1.0) sewage unit.

No charge shall be imposed on the owner or owners of any parcels as to which the fair market value of improvements is less than \$1,000 as determined on the basis of the Assessor's current tax roll. This assumption is predicated on the fact that this type of parcel would be a vacant piece of land; however, should subsequent evaluation reveal that the property is not vacant, then an appropriate service charge would be levied.

**TABLE 1
LOADINGS FOR EACH CLASS OF LAND USE**

<u>DESCRIPTION</u>	<u>UNIT OF MEASURE</u>	<u>FLOW (Gallons per Day)</u>	<u>COD (Pounds per Day)</u>	<u>SUSPENDED SOLIDS (Pounds per Day)</u>
RESIDENTIAL				
Single Family Home	Dwelling Unit	260	1.22	0.59
Condominiums	Dwelling Unit	195	0.92	0.44
Multi-Unit Residential	Dwelling Unit	156	0.73	0.35
Mobile Home Parks	No. of Spaces	156	0.73	0.35
COMMERCIAL				
Hotel/Motel/Rooming House	Room	125	0.54	0.28
Store	1000 ft ²	100	0.43	0.23
Supermarket	1000 ft ²	150	2.00	1.00
Shopping Center	1000 ft ²	325	3.00	1.17
Regional Mall	1000 ft ²	150	2.10	0.77
Office Building	1000 ft ²	200	0.86	0.45
Medical, Dental, Veterinary Clinic or Building	1000 ft ²	300	1.29	0.68
Restaurant	1000 ft ²	1,000	16.68	5.00
Indoor Theatre	1000 ft ²	125	0.54	0.28
Car Wash				
Tunnel - No Recycling	1000 ft ²	3,700	15.86	8.33
Tunnel - Recycling	1000 ft ²	2,700	11.74	6.16
Wand	1000 ft ²	700	3.00	1.58
Bank, Credit Union	1000 ft ²	100	0.43	0.23
Service Shop, Vehicle Maintenance & Repair Shop	1000 ft ²	100	0.43	0.23
Animal Kennels	1000 ft ²	100	0.43	0.23
Gas Station	1000 ft ²	100	0.43	0.23
Auto Sales	1000 ft ²	100	0.43	0.23
Wholesale Outlet	1000 ft ²	100	0.43	0.23
Nursery/Greenhouse	1000 ft ²	25	0.11	0.06
Manufacturing	1000 ft ²	200	1.86	0.70
Light Manufacturing	1000 ft ²	25	0.23	0.09
Lumber Yard	1000 ft ²	25	0.23	0.09
Warehousing	1000 ft ²	25	0.23	0.09
Open Storage	1000 ft ²	25	0.23	0.09
Drive-in Theatre	1000 ft ²	20	0.09	0.05
Night Club	1000 ft ²	350	1.50	0.79
Bowling/Skating	1000 ft ²	150	1.76	0.55
Club & Lodge Halls	1000 ft ²	125	0.54	0.27
Auditorium, Amusement	1000 ft ²	350	1.50	0.79
Golf Course and Park (Structures and Improvements)	1000 ft ²	100	0.43	0.23
Campground, Marina, Recreational Vehicle Park	Sites, Slips, or Spaces	55	0.34	0.14
Convalescent Home	Bed	125	0.54	0.28
Horse Stables	Stalls	25	0.23	0.09
Laundromat	1000 ft ²	3,825	16.40	8.61

<u>DESCRIPTION</u>	<u>UNIT OF MEASURE</u>	<u>FLOW (Gallons per Day)</u>	<u>COD (Pounds per Day)</u>	<u>SUSPENDED SOLIDS (Pounds per Day)</u>
COMMERCIAL				
Mortuary, Funeral Home	1000 ft ²	100	1.33	0.67
Health Spa, Gymnasium				
With Showers	1000 ft ²	600	2.58	1.35
Without Showers	1000 ft ²	300	1.29	0.68
Convention Center, Fairground, Racetrack, Sports Stadium/Arena	Average Daily Attendance	10	0.04	0.02
INSTITUTIONAL				
College/University	Student	20	0.09	0.05
Private School	1000 ft ²	200	0.86	0.45
Library, Museum	1000 ft ²	100	0.43	0.23
Post Office (Local)	1000 ft ²	100	0.43	0.23
Post Office (Regional)	1000 ft ²	25	0.23	0.09
Church	1000 ft ²	50	0.21	0.11

**TABLE 2
TAX RATE AREAS IN SANITATION DISTRICT NO. 2**

000078	000079	000111	000115	000116
000117	000118	000119	000120	000121
000140	000141	000143	000146	000166
000167	000171	000194	000195	000202
000228	000373	000486	000517	000526
000532	000747	000748	000822	000827
000841	000877	000884	000885	000886
000894	000895	000901	000902	000903
000904	000905	000916	000917	000923
000924	000926	000928	000929	000930
000932	000940	000960	000964	000984
000985	000986	000996	001008	001010
001019	001032	001040	001048	001053
001058	001059	001061	001076	001079
001080	001084	001091	001097	001318
001817	001820	001822	001832	001834
001836	001839	001840	001841	001843
001846	001847	001848	001850	001851
001965	001966	001967	001971	001976
001979	001989	001997	002000	002004
002009	002013	002014	002019	002151
002244	002247	002248	002252	002254
002255	002257	002259	002263	002267
002268	002269	002271	002272	002273
002275	002277	002282	002290	002308
002315	002335	002336	002339	002350
002369	002373	002375	002524	002569
002578	002623	002624	002808	002824
002825	002867	002868	002883	002891

002892	002893	002897	002911	002946
002965	002972	002978	002985	002996
002998	003000	003005	003006	003007
003230	003231	003233	003234	003235
003236	003237	003238	003242	003243
003246	003247	003248	003249	003251
003252	003253	003261	003263	003264
003265	003266	003267	003268	003269
003271	003273	003274	003275	003276
003278	003281	003282	003283	003284
003285	003286	003289	003291	003292
003294	003297	003301	003304	003305
003307	003310	003313	003314	003319
003324	003334	003342	003347	003669
003670	003673	003676	003678	003679
003832	003879	003880	003922	003925
003926	003927	003930	003933	003963
003967	003969	003983	004979	005301
005316	005350	005496	005924	005956
006229	006232	006289	006290	006293
006294	006296	006307	006308	006309
006310	006311	006313	006314	006315
006316	006318	006319	006320	006321
006323	006324	006325	006326	006327
006328	006329	006330	006331	006332
006333	006334	006336	006337	006338
006340	006341	006342	006348	006349
006350	006351	006352	006353	006354
006355	006356	006357	006358	006359
006361	006362	006363	006364	006365
006367	006368	006370	006372	006377

006383	006384	006385	006386	006388
006391	006392	006396	006397	006399
006404	006410	006411	006435	006436
006443	006451	006457	006459	006467
006468	006480	006484	006485	006486
006487	006488	006489	006490	006491
006492	006493	006494	006495	006496
006497	006498	006500	006510	006512
006513	006514	006515	006516	006517
006518	006519	006520	006521	006522
006534	006537	006637	006638	006651
006652	006655	006656	006670	006671
006758	006764	006765	006769	006771
006772	006870	007224	007227	007256
007257	007258	007259	007260	007261
007262	007272	007273	007275	007290
007294	007300	007316	007324	007339
007340	007341	007342	007343	007344
007346	007347	007348	007349	007351
007354	007356	007357	007358	007359
007362	007367	007370	007371	007372
007373	007375	007376	007377	007379
007381	007579	007933	007934	007935
007936	007937	007942	007944	007946
007947	007948	007950	007951	007952
007953	007954	007955	007956	007957
007958	007959	007960	007961	007962
007963	007965	007966	007967	007968
007969	007971	007972	007973	007975
007976	007977	007978	007979	007980
007983	007984	007985	007986	007987

007988	007990	007991	007992	007993
007995	007996	007997	007998	008003
008010	008200	008461	008465	008467
009188	009200	009201	009213	009215
009220	009236	009417	009614	009698
009874	009881	009883	009975	009976
010207	010495	010496	010615	010717
011103	011104	011105	011106	011125
011126	011250	011271	011272	011273
011274	011275	011276	011277	011278
011280	011281	011282	011283	011284
011285	011296	011380	011976	012131
012384	012385	012460	012462	012464
012465	012681	012682	012683	012733
012734	013186	013232	013237	013242
013353	013456	013885	014358	014365
014388	014461	015189	015190	015191
015192	015461	015510	015623	015624
015698	015700	015708	015715	015721
015767	015768	016085	016086	016088
016102	016103	016104	016232	016269
016297	016318	016466	016474	016500
016751	016948	016960	016961	016979
016981				

**TABLE 3
PARCEL NUMBERS SERVED BY SANITATION DISTRICT NO. 2
OUTSIDE OF TAX RATE AREAS**

4231027001	4231027004	4231027008	4231027029	4231027030	4231027031
4231028001	4231028026	4231028027	4231028029	4231028031	4231028032
4231028033	4231028034	4231028035	4231028037	4231028039	4231028040
5223002007	6233034216	7014001019	7014001020	7014001021	7014001022
7014001023	7014001025	7014001026	7014001027	7014001028	7014001029
7014001030	7014001031	7014001032	7014001033	7014001034	7014001035
7014001036	7014001037	7014001038	7014001041	7101003025	7101004024
7101005025	7101006026	8078023065	8078023066	8078023067	

**County Sanitation District No. 2 of Los Angeles County
Preliminary Operating Fund Budget (\$000)
Fiscal Year 2023-24**

	<u>Adopted 2022-23</u>	<u>Proposed 2023-24</u>
<u>Starting Balance</u>	\$ 48,451	\$ 18,090
<u>Sources of Funds</u>		
Service Charge	\$ 40,820	\$ 41,758
Total Operating Revenue	<u>40,820</u>	<u>41,758</u>
Ad Valorem Tax Revenue	8,736	9,195
Interest	83	452
Total Non-Operating Revenue	<u>8,819</u>	<u>9,647</u>
Total Sources of Funds	<u>\$ 49,639</u>	<u>\$ 51,406</u>
<u>Use of Funds</u>		
Joint Outfall Operations	\$ 33,756	\$ 41,529
Other Operational Expenditures	146	167
Operations and Maintenance Expense	<u>33,902</u>	<u>41,697</u>
Joint Outfall Capital	14,890	8,736
Capital Expense	<u>14,890</u>	<u>8,736</u>
Transfers to Joint Outfall System	31,913	-
Transfers Out	<u>31,913</u>	<u>-</u>
Total Use of Funds	<u>\$ 80,704</u>	<u>\$ 50,432</u>
<u>Ending Balance</u>	<u>\$ 17,385</u>	<u>\$ 19,063</u>

**County Sanitation District No. 2 of Los Angeles County
Reserve Funds Proposed Budget (\$000)
Fiscal Year 2023-24**

	Unrestricted	
	Operating	Total
Starting Balance	\$ 18,090	18,090
Operating Revenue	41,758	41,758
Non-Operating Revenue	9,647	9,647
Operations and Maintenance Expense	41,697	41,697
Capital Expense	8,736	8,736
Ending Balance	<u>19,063</u>	<u>19,063</u>

**County Sanitation District No. 2 of Los Angeles County
Wastewater Budget Rate and Other Information Summary
Fiscal Year 2023-24**

	<u>Adopted 2022-23</u>	<u>Proposed 2023-24</u>
<u>Service Charge Rate</u>	185.00	189.00
<u>Industrial Waste (Surcharge) Rates</u>		
Flow (\$ per MGY)	811.00	839.00
COD (\$ per 1000 lbs)	162.40	167.80
SS (\$ per 1000 lbs)	388.10	401.30
Peak Flow (\$ per gpm)	111.00	114.80
Short Form Rate (\$ per million gallon per year)	3,588.33	3,709.51
Liquid Waste Disposal (\$ per 100 gallon)	5.30	5.50
<u>Total Connection Fee Rate (\$ per Capacity Unit)</u>	1,755.00	1,759.00
<u>Projected Sewage Units</u>		
Residential/Commercial	<u>220,647</u>	<u>220,943</u>
Total Served Sewage Units	220,647	220,943

**Joint Outfall System
Preliminary Operating Fund Budget (\$000)
Fiscal Year 2023-24**

	Adopted 2022-23	Proposed 2023-24
<u>Starting Balance</u>	\$ 16,693	\$ 297,791
<u>Sources of Funds</u>		
Industrial Waste Charges	\$ 73,486	\$ 64,909
Operating Payments by Districts	260,060	320,690
Contract Revenue	3,651	5,185
Agricultural and Recycled Water Sales	9,767	9,784
Total Operating Revenue	346,965	400,567
Interest	828	7,636
Total Non-Operating Revenue	828	7,636
Loan Proceeds	62,250	141,647
Bond Proceeds	-	226,422
Capital Payments by Districts	114,712	67,458
Total Capital Revenue	176,962	435,527
Transfers from Designated Funds	212,786	184,832
Transfers from Restricted Funds	299,140	80,016
Transfers From Districts	148,962	7,654
Total Transfers In	660,888	272,503
Total Sources of Funds	\$ 1,185,643	\$ 1,116,233
<u>Use of Funds</u>		
Joint Administration Operations	\$ 103,230	\$ 116,150
Sewer System Operations	49,974	57,573
Treatment Plant Operations	174,819	205,806
Composting Facility Operations	7,668	14,484
Contract Disposal Operations	1,514	1,863
Other Operational Expenditures	12,254	12,329
Operations and Maintenance Expense	349,460	408,204
Joint Administration Capital	7,322	14,597
Sewer System Capital	96,513	153,497
Treatment Plant Capital	254,853	275,018
Composting Facility Capital	1,310	2,125
Field Office Capital	750	2,150
Contract Disposal Capital	642	698
Capital Expense	361,390	448,085
Loan Repayment	-	600
Bond Repayment	10,733	10,733
Debt Service	10,733	11,333
Total Use of Funds	\$ 721,584	\$ 867,622
<u>Ending Balance</u>	\$ 480,753	\$ 546,402

Joint Outfall System
Capital Improvement Projects - Wastewater (\$000)

Project Name	Description	FY23-24 Budget	Estimated Completion	Total Budget ¹
Joint Outfall System Non-Reinforced Concrete Sewer Rehabilitation (Misc Projects)	Rehabilitation of corroded sewer	\$ 13,175	2029-30	\$ 105,400
Joint Outfall B Unit 1A Trunk Sewer Rehabilitation Phase 2	Rehabilitation of corroded sewer	12,475	2023-24	21,000
Oak Street-Center Avenue Trunk Sewer Rehabilitation	Rehabilitation of corroded sewer	5,250	2024-25	6,500
Joint Outfall G Unit 8 Rehabilitation Phase 1	Rehabilitation of corroded sewer	4,700	2023-24	8,700
District 18 Trunk Sewers Group 1 Rehabilitation	Rehabilitation of corroded sewer	4,620	2023-24	5,700
Main Street Pumping Plant Facility Upgrades	Pumping plant improvements	4,300	2025-26	20,000
Sunflower Trunk Sewer Rehabilitation	Rehabilitation of corroded sewer	4,095	2023-24	6,000
Joint Outfall System Clay Tile Lined Sewer Rehabilitation (Misc Projects)	Rehabilitation of corroded sewer	3,525	2029-30	35,250
Ben Lomond Trunk Sewer Rehabilitation	Rehabilitation of corroded sewer	3,500	2024-25	6,320
District 22 Trunk Sewers Group 2 Rehabilitation	Rehabilitation of corroded sewer	3,400	2023-24	5,300
Joint Outfall B Unit 1A Trunk Sewer Rehabilitation Phase 3	Rehabilitation of corroded sewer	3,300	2024-25	8,500
Santa Fe Street Trunk and South Whittier Outfall Relief Trunk Sewer Rehabilitation	Rehabilitation of corroded sewer	3,260	2024-25	4,560
Joint Outfall B Unit 6G Trunk Sewer Rehabilitation	Rehabilitation of corroded sewer	3,120	2023-24	6,200
Joint Outfall A Unit 3C Trunk Sewer Rehabilitation Phase 2	Rehabilitation of corroded sewer	3,000	2024-25	12,000
Allen Avenue Trunk Sewer Rehabilitation Phase II	Rehabilitation of corroded sewer	2,980	2023-24	3,600
Holmes-Willowbrook Trunk Sewer Rehabilitation Phase III	Rehabilitation of corroded sewer	2,870	2023-24	3,300
Marina Pumping Plant No. 2 Site Improvements	Pumping plant improvements	2,870	2024-25	4,500
El Nido Trunk Sewer Rehabilitation	Rehabilitation of corroded sewer	2,600	2023-24	3,600
Joint Outfall B Trunk Sewers Group 1 Rehabilitation	Rehabilitation of corroded sewer	2,600	2023-24	3,600
Joint Outfall H Unit 9B Rehabilitation Phase I	Rehabilitation of corroded sewer	2,490	2024-25	6,224
California Avenue Trunk Sewer Rehabilitation	Rehabilitation of corroded sewer	2,300	2024-25	4,550
District 22 Trunk Sewers Group 1 Rehabilitation	Rehabilitation of corroded sewer	2,300	2024-25	4,600
Pomona Pumping Plant No. 1 Facility Upgrades	Pumping plant improvements	2,200	2024-25	6,800
Gardena Pumping Plant Facility Upgrades	Pumping plant improvements	2,000	2027-28	49,500
Joint Outfall B Unit 1D Trunk Sewer Rehabilitation Phase I	Rehabilitation of corroded sewer	2,000	2023-24	2,600
Spring Street Pumping Plant Facility Improvements	Pumping plant improvements	2,000	2025-26	9,200
District 2 Trunk Sewers Group 1 Rehabilitation	Rehabilitation of corroded sewer	1,999	2024-25	4,997
Joint Outfall D Unit 5 Trunk Sewer Rehabilitation	Rehabilitation of corroded sewer	1,950	2023-24	2,300
District 2 Interceptor Trunk Sewer Rehabilitation	Rehabilitation of corroded sewer	1,800	2023-24	18,150
Joint Outfall H Unit 9B Rehabilitation Phase II	Rehabilitation of corroded sewer	1,785	2024-25	5,099
San Jose Creek Trunk Sewer Rehabilitation	Rehabilitation of corroded sewer	1,780	2023-24	1,900
District 1 Trunk Sewers Group 1 Rehabilitation	Rehabilitation of corroded sewer	1,708	2024-25	4,269
District 17 Trunk Sewers Group 1 Rehabilitation	Rehabilitation of corroded sewer	1,686	2024-25	3,371
District 15 Trunk Sewers Group 2 Rehabilitation	Rehabilitation of corroded sewer	1,631	2024-25	4,076
Joint Outfall H Unit 2B Trunk Sewer Rehabilitation	Rehabilitation of corroded sewer	1,630	2023-24	3,100
Joint Outfall H Unit 9B Rehabilitation Phase III	Rehabilitation of corroded sewer	1,579	2024-25	4,510
District 21 Interceptor Sewer Rehabilitation Phase 1	Rehabilitation of corroded sewer	1,575	2023-24	6,140
Joint Outfall B Trunk Sewers Group 2 Rehabilitation	Rehabilitation of corroded sewer	1,500	2024-25	2,600
Joint Outfall C Unit 8A Trunk Sewer Rehabilitation	Rehabilitation of corroded sewer	1,500	2024-25	6,210
216th Street Replacement Trunk Sewer Phase 2	Rehabilitation of corroded sewer	1,450	2023-24	16,500
Joint Outfall B Trunk Sewers Group 3 Rehabilitation	Rehabilitation of corroded sewer	1,449	2024-25	4,140
District 22 Trunk Sewers Group 3 Rehabilitation	Rehabilitation of corroded sewer	1,391	2024-25	3,975
District 15 Trunk Sewers Group 1 Rehabilitation	Rehabilitation of corroded sewer	1,328	2024-25	3,793
Joint Outfall H Unit 9B Rehabilitation Phase IV	Rehabilitation of corroded sewer	1,280	2024-25	6,401
Baldwin Park Trunk Sewer Rehabilitation	Rehabilitation of corroded sewer	1,200	2023-24	2,900
Artesia Extension Trunk Sewer Rehabilitation Phase 2	Rehabilitation of corroded sewer	1,140	2023-24	2,400
District 18 Trunk Sewers Group 2 Rehabilitation	Rehabilitation of corroded sewer	1,060	2024-25	2,651
Joint Outfall H Unit 9B Rehabilitation Phase V	Rehabilitation of corroded sewer	1,038	2024-25	4,153
Bloomfield Pumping Plant Force Main Upgrades	Pumping plant improvements	1,000	2024-25	5,000
Joint Outfall C Unit 1 Force Main Rehabilitation	Pumping plant improvements	1,000	2025-26	33,300
Joint Outfall C Units 8C and 8D Trunk Sewer Rehabilitation	Rehabilitation of corroded sewer	1,000	2025-26	7,200
Joint Outfall J Unit 1F Force Main Relocation	Pumping plant improvements	1,000	2027-28	57,000
Marina Pumping Plant No. 1 Site Improvements	Pumping plant improvements	1,000	2025-26	5,100
Western Avenue Pumping Plant Submergence Protection of Electrical Equipment	Pumping plant improvements	1,000	2023-24	2,000
District 5 Trunk Sewers Group 1 Rehabilitation	Rehabilitation of corroded sewer	998	2024-25	2,851
Douglas Avenue Trunk Sewer Rehabilitation	Rehabilitation of corroded sewer	950	2023-24	1,200
Joint Outfall C Unit 6E Siphon Rehabilitation at San Gabriel River	Rehabilitation of corroded sewer	800	2023-24	1,000
Western Avenue Pumping Plant Force Main Upgrades	Pumping plant improvements	750	2024-25	2,900
Marina Trunk Sewer Section 1A Relief	Rehabilitation of corroded sewer	710	2024-25	1,620
La Mirada Trunk Sewer Rehabilitation	Rehabilitation of corroded sewer	625	2024-25	1,400
South Bay Cities Main Trunk Sewer Rehabilitation	Rehabilitation of corroded sewer	500	2025-26	9,500
Worsham Creek Relief Trunk Sewer Section 1	Rehabilitation of corroded sewer	500	2024-25	1,830
Heronado Street Pumping Plant Force Main Upgrades	Pumping plant improvements	480	2023-24	1,000
Joint Outfall C Unit 6F Trunk Sewer Rehabilitation	Rehabilitation of corroded sewer	435	2023-24	1,350
Joint Outfall F Unit 1 Trunk Sewer Rehabilitation	Rehabilitation of corroded sewer	400	2025-26	5,500
Joint Outfall D Unit 1B Airline Improvements and Blower Facility	Rehabilitation of corroded sewer	325	2025-26	1,500
Bluff Cove Pumping Plant Site Improvements and Pump Replacement	Pumping plant improvements	315	2023-24	450
California Avenue Extension Trunk Sewer Rehabilitation Phase II	Rehabilitation of corroded sewer	300	2024-25	5,000
Chino Basin Wastewater Line Rehabilitation	Rehabilitation of corroded sewer	300	2024-25	700
Joint Outfall B Unit 1D Diversion Structure	Rehabilitation of corroded sewer	300	2024-25	3,000
Joint Outfall F Unit 7A Trunk Sewer Rehabilitation	Rehabilitation of corroded sewer	300	2024-25	5,400
Soil Stockpile Removal over Sewers in Pico Rivera	Soil stockpile removal	300	2023-24	995
San Jose Creek Water Reclamation Plant Interceptor Sewer Connection 2	Rehabilitation of corroded sewer	295	2023-24	1,500
Douglas Cut Pumping Plant Site Improvements and Pump Replacement	Pumping plant improvements	225	2023-24	450
Elaine Avenue Trunk Sewer Rehabilitation	Rehabilitation of corroded sewer	220	2023-24	320
District 5 Main Trunk Rehabilitation	Rehabilitation of corroded sewer	200	2024-25	9,800
Foothill Boulevard Main Trunk - Repair of Sag Between MHs 28 0083 and 28 0084	Rehabilitation of corroded sewer	200	2023-24	400
Joint Outfall B Unit 6G Trunk Sewer Rehabilitation Phase 2	Rehabilitation of corroded sewer	200	2024-25	3,000
Joint Outfall G Unit 9 Trunk Sewer Rehabilitation Phase V	Rehabilitation of corroded sewer	200	2024-25	3,593
Lomita Trunk Sewer Relocation Rehabilitation	Rehabilitation of corroded sewer	200	2023-24	1,000
Malaga Cove No. 2 PP Pump Replacement and Site Improvements	Pumping plant improvements	200	2024-25	450

Joint Outfall System
Capital Improvement Projects - Wastewater (\$000)

Project Name	Description	FY23-24 Budget	Estimated Completion	Total Budget ¹
North Torrance Trunk Rehabilitation	Rehabilitation of corroded sewer	200	2023-24	1,700
South Bay Cities Main Pumping Plant Replacement of Pumps	Pumping plant improvements	195	2026-27	1,300
Coyote Creek Pumping Plant Site Improvements and Pump Replacement	Pumping plant improvements	140	2025-26	700
District 21 Interceptor Sewer Rehabilitation Phase 2	Rehabilitation of corroded sewer	100	2025-26	7,000
Indiana Street Pumping Plant Replacement of Force Main	Pumping plant improvements	100	2024-25	900
Joint Outfall D Unit 4 Trunk Sewer Rehabilitation	Rehabilitation of corroded sewer	100	2026-27	1,850
Joint Outfall D Unit 6 Relief Trunk Sewer Rehabilitation	Rehabilitation of corroded sewer	100	2026-27	3,000
Joint Outfall F Unit 3A Trunk Sewer Rehabilitation	Rehabilitation of corroded sewer	100	2026-27	6,100
Joint Outfall F Unit 4 Relief Trunk Sewer Rehabilitation	Rehabilitation of corroded sewer	100	2026-27	2,000
Marina Pumping Plant No. 2 Force Main Upgrades	Pumping plant improvements	100	2024-25	1,300
Montebello Interceptor Trunk Sewer Rehabilitation	Rehabilitation of corroded sewer	100	2025-26	3,500
Wilcox Avenue Trunk Rehabilitation	Rehabilitation of corroded sewer	100	2025-26	1,600
Wilder Avenue Pumping Plant Force Main Replacement	Pumping plant improvements	75	2025-26	550
Marina Trunk Sewer Rehabilitation	Rehabilitation of corroded sewer	70	2024-25	175
District 17 Main Trunk Sewer Rehabilitation	Rehabilitation of corroded sewer	50	2025-26	2,200
Fawcett Avenue Pumping Plant Force Main Replacement	Pumping plant improvements	50	2024-25	200
Joint Outfall A Unit 1A Diamond St. PP Force Main Improvements	Pumping plant improvements	50	2025-26	1,000
Joint Outfall H Unit 3 Trunk Sewer Rehabilitation	Rehabilitation of corroded sewer	50	2025-26	3,200
Long Beach Interceptor Pumping Plant Sewage VFD Replacement	Pumping plant improvements	50	2024-25	500
San Dimas Connection Extension Trunk Sewer Rehabilitation	Rehabilitation of corroded sewer	50	2025-26	500
Joint Outfall Conveyance System Total		\$ 153,497		
JWPCP Effluent Outfall Tunnel	Improvements to effluent outfalls	\$ 150,000	2027-28	800,000
JWPCP FORCO Property Remediation	Improvements to advanced water treatment facilities	11,750	2024-25	34,500
JWPCP Replacement of Cryogenic Oxygen Plant Nos. One and Two	Improvements to secondary treatment facilities	10,000	2024-25	44,100
Pure Water Southern California	Improvements to advanced water treatment facilities	10,000	2036-37	1,041,000
Los Coyotes WRP Process Air Compressor Replacement	Process infrastructure improvements	9,300	2025-26	21,300
Pure Water Southern California - Site Preparation	Improvements to advanced water treatment facilities	7,560	2027-28	15,660
JWPCP Conveyor Truss Support Structures Rehabilitation	Infrastructure improvements	7,500	2025-26	20,000
San Jose Creek WRP Stage III Primary Sedimentation System Expansion	Improvements to primary treatment facilities	7,000	2025-26	24,000
JWPCP Demolition and Removal of JWPCP Rectangular Digesters	Improvements to secondary treatment facilities	6,500	2024-25	20,000
Pomona WRP Primary Structures Concrete Lining and Biotrickling Filters	Improvements to primary treatment facilities	6,000	2025-26	21,600
Pomona WRP Power Distribution System Modifications	Electrical and instrumentation infrastructure improvements	4,000	2024-25	8,500
San Jose Creek WRP Stages I and II Concrete and Protective Lining Repair and Biotrickling Filters	Improvements to primary treatment facilities	4,000	2026-27	22,700
JWPCP TEF Steam Turbine Five-Year Overhaul	Process infrastructure improvements	3,500	2023-24	14,000
Stockpile Removal at FORCO	Soil stockpile removal	3,500	2024-25	4,700
JWPCP Emergency Repair of Total Energy Facility Fuel Gas Compressors	Process infrastructure improvements	3,100	2023-24	6,100
Long Beach WRP Power Distribution System Modifications	Electrical and instrumentation infrastructure improvements	3,000	2023-24	19,000
San Jose Creek East WRP PAC Replacement and Biotrickling Filters	Improvements to secondary treatment facilities	2,700	2023-24	17,100
JWPCP Replacement of Return Activate Sludge Pumps	Improvements to secondary treatment facilities	2,500	2024-25	5,000
JWPCP Gas Turbine Overhaul and 5-Year Maintenance Agreement	Process infrastructure improvements	2,470	2028-29	33,000
JWPCP Effluent Outfalls - Cathodic Protection Repair	Improvements to effluent outfalls	1,750	2024-25	4,000
JWPCP Replacement of Primary Sedimentation Tank Covers - Phase II	Improvements to primary treatment facilities	1,500	2023-24	8,500
JWPCP Secondary Reactor Aerator Gearbox Overhaul	Improvements to secondary treatment facilities	1,500	2024-25	5,500
San Jose Creek East WRP Maintenance Building Restrooms & Lunch Room Improvements	Infrastructure improvements	1,500	2023-24	1,500
Los Coyotes WRP Laboratory and Control Building Modifications	Improvements to laboratory and infrastructure facilities	1,200	2025-26	11,800
San Jose Creek East WRP Biology Lab Expansion	Improvements to laboratory facilities	1,100	2023-24	1,100
JWPCP Cryogenic Plant No. 3 Major Inspection and Overhaul	Improvements to secondary treatment facilities	1,000	2023-24	1,000
San Jose Creek West WRP PAC Replacement	Improvements to secondary treatment facilities	1,000	2028-29	20,000
San Jose Creek East WRP TPL Lab Capital Equipment Purchase and Replacement	Improvements to laboratory facilities	904	N/A	6,343
Whittier Narrows WRP Influent Pump Station Replacement	Process infrastructure improvements	900	2026-27	12,000
San Jose Creek WRP Generator Switchgear Control System Upgrades	Electrical and instrumentation infrastructure improvements	790	2023-24	1,900
San Jose Creek West WRP Emulsion Polymer Station	Process infrastructure improvements	650	2023-24	750
Pomona WRP PAC Replacement	Improvements to secondary treatment facilities	516	2023-24	2,600
San Jose Creek WRP Stage III Security Fence Improvements	Infrastructure improvements	500	2023-24	3,500
San Jose Creek West WRP Replacement of Aeration Tank Baffles and Foam Spray System	Improvements to secondary treatment facilities	400	2023-24	400
JWPCP Replacement of Radiators at Secondary Influent Pump Station	Improvements to secondary treatment facilities	375	2023-24	1,500
Long Beach WRP Security Camera and Facility Access Control Systems	Improvements to security systems	350	2024-25	400
Pomona WRP Generator Switchgear Control System Upgrades	Electrical and instrumentation infrastructure improvements	350	2024-25	450

**Joint Outfall System
Capital Improvement Projects - Wastewater (\$000)**

Project Name	Description	FY23-24 Budget	Estimated Completion	Total Budget ¹
San Jose Creek East WRP Replacement of Stage One Sec Sed Tank Launderers	Improvements to secondary treatment facilities	350	2023-24	600
JWPCP Switchboard 1L Replacement	Electrical and instrumentation infrastructure improvements	310	2023-24	650
Long Beach WRP Washwater and Nonpotable Water Systems Improvements	Infrastructure improvements	300	2023-24	450
Los Coyotes WRP Process Improvements	Process infrastructure improvements	300	2025-26	800
JWPCP East Laboratory Building Biosafety Improvements	Improvements to laboratory facilities	250	2024-25	1,500
Pomona WRP Replacement of Secondary Clarifier Launderers	Improvements to secondary treatment facilities	240	2023-24	250
JWPCP Misc Capital Projects (WM)	Infrastructure improvements	200	N/A	4,700
Long Beach WRP Primary Influent Channel No. 1 Mixing System	Improvements to primary treatment facilities	200	2023-24	350
San Jose Creek East WRP East Miscellaneous Maintenance and E&I Capital Improvement Projects	Infrastructure improvements	200	N/A	4,218
San Jose Creek West WRP Miscellaneous Maintenance and E&I Capital Improvement Projects	Infrastructure improvements	200	N/A	2,900
Long Beach WRP Final Analyzer Building	Infrastructure improvements	180	2024-25	250
Los Coyotes WRP Storm Water Drainage System Improvements	Infrastructure improvements	170	2024-25	400
JWPCP East Lab Sample Receiving & Storage Annex	Improvements to laboratory facilities	150	2023-24	500
La Canada WRP Process Improvements	Process infrastructure improvements	125	2024-25	625
Long Beach WRP Miscellaneous Maintenance and E&I Capital Improvement Projects	Infrastructure improvements	100	N/A	2,125
Los Coyotes WRP Influent Channel No. 1 Mixing System	Improvements to primary treatment facilities	100	2024-25	350
Los Coyotes WRP Miscellaneous Maintenance and E&I Capital Improvement Projects	Infrastructure improvements	100	N/A	2,010
Los Coyotes WRP Replacement of Filter Influent, Effluent, and Waste Backwash Valves	Process infrastructure improvements	100	2024-25	500
Pomona WRP Miscellaneous Maintenance and E&I Capital Improvement Projects	Infrastructure improvements	100	N/A	1,832
Whittier Narrows WRP Miscellaneous Maintenance and E&I Capital Improvement Projects	Infrastructure improvements	100	N/A	2,000
San Jose Creek East WRP Gallery Lighting Upgrades (East and West)	Infrastructure improvements	85	2023-24	220
JWPCP Lab Capital Equipment Purchase and Replacement	Improvements to laboratory facilities	80	N/A	7,762
Long Beach WRP Effluent Forebay Modifications	Process infrastructure improvements	75	2023-24	200
Long Beach WRP Replacement of CCT Baffles	Process infrastructure improvements	60	2024-25	250
Los Coyotes WRP Filter Control Station Enclosure	Infrastructure improvements	50	2024-25	200
Los Coyotes WRP Primary Structures Concrete and Lining Repair	Improvements to primary treatment facilities	50	2023-24	26,000
Pomona WRP Security Camera and Facility Access Control Systems	Improvements to security systems	50	2024-25	300
La Canada WRP SCADA Improvements	Process infrastructure improvements	45	2023-24	200
San Jose Creek East WRP Security Camera System	Improvements to security systems	25	2024-25	250
Los Coyotes WRP Security Camera and Facility Access Control Systems	Improvements to security systems	20	2024-25	500
San Jose Creek West WRP Security Camera System	Improvements to security systems	20	2024-25	250
Los Coyotes WRP Replacement of CCT Inlet and Outlet Gates and Actuators	Improvements to secondary treatment facilities	10	2024-25	250
San Jose Creek West WRP Upgrade Various PCUs and Control Panels-West	Electrical and instrumentation infrastructure improvements	8	2023-24	320
Treatment Plants Total		\$ 275,018		
TLC Compost Storage Improvements	Infrastructure improvements	\$ 2,000	2023-24	2,000
TLC Proposed Projects	Infrastructure improvements	125	2040-41	4,580
Composting Facilities Total		\$ 2,125		
Compton Field Office Renovations	Infrastructure improvements	\$ 2,150	2027-28	70,000
Field Offices Total		\$ 2,150		
D16 City of LA WW Capital Charges	Capital expenses for disposal contracts	\$ 347	N/A	8,329
D05 City of LA WW Capital Charges	Capital expenses for disposal contracts	341	N/A	7,479
D16 City of LA WW Amalgamated System Sewerage Facilities Charge	Capital expenses for disposal contracts	9	N/A	477
D05 City of LA WW Amalgamated System Sewerage Facilities Charge	Capital expenses for disposal contracts	1	N/A	44
Contract Disposal Total		\$ 698		
Total Capital Projects		\$ 433,488		

¹ Includes past, present, and future amounts
N/A = Not available.

**Joint Outfall System
Reserve Funds Proposed Budget (\$000)
Fiscal Year 2023-24**

	Unrestricted	Designated			Restricted		Total
	Operating	Emergency	O&M Financial Stability	Capital Projects Financial Stability	Capital Improvement	Closure/Postclosure Reserves	
Starting Balance	\$ 297,791	8,214	190,242	156,004	170,427	441	823,118
Operating Revenue	400,567	-	-	-	-	-	400,567
Non-Operating Revenue	7,636	205	4,756	3,900	4,261	11	20,769
Capital Revenue	435,527	-	-	-	7,491	-	443,018
Transfers In	272,503	4,803	-	-	-	-	277,306
Operations and Maintenance Expense	408,204	-	-	-	-	-	408,204
Capital Expense	448,085	-	-	-	-	-	448,085
Debt Service	11,333	-	-	-	-	-	11,333
Transfers Out	-	-	29,832	159,804	80,016	-	269,651
Ending Balance	546,402	13,222	165,166	100	102,163	452	827,505

Sanitation Districts of Los Angeles County
Wastewater Budget Explanation and Glossary of Terms
Fiscal Year 2023-24

Introduction

The budget package for each District consists of the following sections:

- **Operating Fund Wastewater Budget:** Details of the sources and uses of funds for the Operating Fund, which is the only Unrestricted Reserve fund as described in the District’s wastewater reserve policy. The budget for the upcoming fiscal year is compared to the final adopted budget for the current fiscal year.
- **Proposed Capital Projects:** Shows major capital projects budgeted expenditures for the fiscal year. If a District has no major capital projects budgeted, this section is omitted.
- **Designated and Restricted Reserve Budget:** Provides beginning and ending balances of each category of reserves along with major inflows to and outflows from that reserve.
- **Rate and Other Information Summary:** Shows current and budgeted rates for the various user fees; summary of projected sewage units; and other metrics.

Terms used in the Budget

Below are explanations of budget line items and other terms used in the budgets. Note that some terms may not apply for certain Districts.

Ad Valorem Taxes Revenue	The District’s share of Ad Valorem (property) taxes paid by property owners in the District.
Agricultural and Recycled Water Sales Revenue	Sales of reclaimed water.
Bond Proceeds	Funds received from the issuance of bonds.
Bond Repayment	Interest and principal payments toward bond debt.
Capital Payments by Districts	Payments received by Joint Outfall System Districts to be used toward system’s capital expenditures.
Composting Facility Capital Expenditures	Capital expenditures related to upgrade, repair or expansion of composting facilities.
Composting Facility Operations and Maintenance Expenditures	Expenditures related to operating and maintaining composting facilities.
Contract Disposal Capital Expenditures	Capital expenditures related to conveyance and treatment of wastewater performed by another entity.

Contract Disposal Operations and Maintenance Expenditures	Expenditures related to the operation and maintenance for conveyance and treatment of wastewater performed by another entity.
Contract Revenue	Commodity and energy revenue; leases; and other similar sources of revenue.
District Sewer System Capital Expenditures	Capital expenditures related to rehabilitation or expansion of the District's sewers and pumping plants.
District's Sewer System Operations Expenditures	Expenditures related to operating and maintaining the District's sewers and pumping plants.
Field Office Capital Expenditures	Capital expenditures related to upgrade, repair or expansion of field offices.
Grant Revenue	Grant proceeds received, generally state and/or federal grants toward capital projects.
Industrial Waste Revenue	Fees paid by large industrial users of the District's wastewater system.
Interest Revenue	Interest generated by District's Reserves.
Joint Administration Capital Expenditures	The District's share of Joint Capital Expenses minus Joint Capital Revenues.
Joint Administration Operations Expenditures	The District's share of Joint Administration Operating Expenditures less any operational or non-operational Joint Administration Revenues.
Joint Outfall Capital Expenditures	The District's share of the Joint Outfall capital payment.
Joint Outfall Operations Expenditures	The District's share of Joint Outfall System Operating Expenditures less any operational or non-operational Joint Outfall System Revenues.
Loan Proceeds	Funds received from loans taken out to finance capital projects, primarily State Revolving Fund Clean Water Loans.
Loan Repayment	Interest and principal payments toward loans, primarily State Revolving Fund Clean Water Loans.
Operating Fund Ending Balance	Projected balance in the Operating Fund as of June 30 at the end of the fiscal year shown.
Operating Fund Starting Balance	Projected cash balance in the Operating Fund as of July 1 at the beginning of the fiscal year shown.

Operating Payments by Districts	Payments received by Joint Outfall System Districts to be used for system's net operating expenditures.
Other Capital Expenditures	Capital expenditures not related to District's sewers, treatment plants, composing facilities, field offices, or contract disposal.
Other Operational Expenditures	The District's operational expenditures that are not directly related to the District's facilities, such as insurance, annexations, and certain regulatory work.
Service Charge Revenue	Fees paid by residential, commercial and small industrial users of the District's wastewater system. These fees are generally collected on the property tax bill as a separate line item.
Total Served Sewage Units	Total number of Sewage Units (single family home equivalent dischargers) that are served by treatment plants owned by the Districts.
Transfers from Designated Funds	Funds transferred from Designated Funds when projected operating reserve balance is below target; these funds are to be used toward operating expenditures.
Transfers from Districts	Payments received from Joint Outfall System Districts to fund the Joint Outfall reserves per 7/1/22 Joint Outfall Agreement.
Transfers from Restricted Funds	Funds transferred from Restricted Funds to be used toward capital expenditures.
Transfers to Designated Reserves	Surplus funds at the end of the fiscal year not required for operating or cash-flow purposes that are transferred to designated reserves. Designated reserves are primarily used to help stabilize future rates and to set aside funds for future capital projects.
Transfers to Joint Outfall System	Individual District's contribution to the Joint Outfall System reserves per 7/1/22 Joint Outfall Agreement.
Treatment Plant Capital Expenditures	Capital expenditures related to upgrade, repair or expansion of treatment plants.
Treatment Plant Operations Expenditures	Expenditures related to operating and maintaining treatment plants.