

**MINUTES OF THE REGULAR MEETING OF THE  
BOARD OF DIRECTORS OF  
COUNTY SANITATION DISTRICT NO. 2  
HELD AT THE OFFICE OF THE DISTRICT  
VIA TELECONFERENCE**

July 13, 2022  
1:30 o'clock, P.M.

The Board of Directors of County Sanitation District No. 2 of Los Angeles County met in regular session via teleconference.

- There were present: Jeffrey Maloney, Director from Alhambra  
Ali Sajjad Taj, Director from Artesia  
Ali Saleh, Director from Bell  
Lisseth Flores, Alternate Director from Bell Gardens  
Sonny Santa Ines, Alternate Director from Bellflower  
Bruce Barrows, Alternate Director from Cerritos  
Emma Sharif, Director from Compton  
Blanca Pacheco, Director from Downey  
Robert Garcia, Director from Long Beach  
Joe Buscaino, Alternate Director from Los Angeles City  
Kimberly Ann Cobos-Cawthorne, Director from Montebello  
Rick Ramirez, Director from Norwalk  
Vilma Cuellar Stallings, Director from Paramount  
Tony Ding, Director from San Gabriel  
Maria Davila, Alternate Director from South Gate  
Leticia Lopez, Director from Vernon  
Cathy Warner, Chairperson, Alternate Director from Whittier

- Absent: Oralia Rebollo, Director from Commerce  
Henry Lo, Director from Monterey Park  
Monica Sanchez, Director from Pico Rivera  
Holly Mitchell, Director from Los Angeles County

- Also present: Kimberly S. Christensen, Secretary to the Board  
Wes Beverlin, District Counsel

**CONSENT AGENDA**

Upon motion of Director Taj, duly seconded and unanimously carried by a roll-call vote, the Consent Agenda was approved as follows:

- RE: PUBLIC COMMENT** The Chairperson announced this was the time for any questions or comments by members of the public. There were no public comments or questions to address the Board on any matters.
- RE: MINUTES** The minutes of the regular meeting held June 22, 2022, were approved.
- RE: DISTRICT EXPENSES** The following expenses for the month of April 2022 were presented and approved:

Local District Expenses:	
Operations & Maintenance (O & M)	\$ 114,169.46
Capital	86,106.89
Allocated Expenses:	
Joint Administration	521,361.26
Technical Support	615,926.00
Joint Outfall	2,360,713.48
Solid Waste System Expenses:	
Operations & Maintenance (O&M)	10,157,031.39

Allocated Expenses	1,077,305.41
Capital	2,976,991.79
Stormwater Expenses:	
Operations & Maintenance	15,092.27
Total Expenses	<u>\$17,924,697.95</u>

**RE: LEGAL SERVICES  
PAYMENT AND  
REIMBURSEMENT OF  
EXPENSES ADVANCED**

An invoice dated May 31, 2022, from Lewis Brisbois, Bisgaard & Smith LLP, in the amount of \$198,827.82 for professional services rendered and reimbursement of expenses advanced in various Districts' matters during the month of April 2022, was approved, and the Chief

Engineer and General Manager was authorized to have a warrant drawn in full payment of the invoice, the charges to be distributed to the affected Districts.

**RE: WASTEWATER MANAGEMENT  
JOINT WATER POLLUTION CONTROL  
PLANT SECONDARY TREATMENT  
CONCRETE REPAIR-PHASE II - HOUALLA  
ENTERPRISES LTD. DBA METRO BUILDERS  
& ENGINEERS GROUP, LTD. - CONTRACT  
NO. 5135 - ACCEPTANCE OF THE WORK**

Houalla Enterprises Ltd. dba Metro Builders & Engineers Group, Ltd., has completed the work in connection with Contract No. 5135 for construction of the *Joint Water Pollution Control Plant Secondary Treatment Concrete Repair-Phase II* (Project) within the time allowed by the contract, and in accordance with its terms. The Project consisted of repairing cracked and spalled concrete walkways and decks of 156 final clarifiers. The

Project also included replacement of deteriorated steel handrails and the upgrade of the foam spray system for all final clarifiers. Twelve change orders totaling \$562,604.24 were approved for this Project. A recommendation was made to accept this work.

The work in connection with Contract No. 5135, entered into by Houalla Enterprises Ltd. dba Metro Builders & Engineers Group, Ltd., on July 12, 2018, for construction of the *Joint Water Pollution Control Plant Secondary Treatment Concrete Repair-Phase II*, was approved and accepted by this Board of Directors; the Chief Engineer and General Manager was directed to execute and record a Notice of Completion with respect to this work of improvement; and final payment of \$19,793,722.43 was authorized in accordance with the terms of the contract.

**REGULAR AGENDA**

**RE: SOLID WASTE MANAGEMENT  
LANDFILL GAS WELLS AND HEADER LINE  
REPAIR AT VARIOUS DISTRICT LANDFILLS  
2022 FOR THREE-YEAR PERIOD - AWARD  
CONTRACT NO. 5459 TO STEARNS, CONRAD  
AND SCHMIDT CONSULTING ENGINEERS,  
INC. - ORDER STAFF TO EXECUTE**

The Landfill Gas Wells and Header Line Repair at Various District Landfills - 2022 (Project) will consist of the construction of gas wells and header lines as necessary to remain in compliance with South Coast Air Quality Management District and United States Environmental Protection Agency regulations for landfill gas emissions. The work includes construction of up to 25 gas wells and 5,500 linear feet of header line and

associated work. The bid summary/recommendation to award was attached to the agenda. For the Spadra Landfill, staff has determined that the Project activities are 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. For the Calabasas, Palos Verdes, Puente Hills, and Scholl Canyon Landfills, the Project activities are covered under CEQA documents that were previously approved by the Board for each landfill. 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). The bid received at the District's office on June 7, 2022, for construction of the Project is as follows:

<u>BIDDER</u>	TOTAL BID
Stearns, Conrad and Schmidt Consulting Engineers, Inc.	\$3,023,266.70

The bid of Stearns, Conrad and Schmidt Consulting Engineers, Inc., was the sole bid received and that Stearns, Conrad and Schmidt Consulting Engineers, Inc., was the lowest, regular, responsible bidder for the work, and a recommendation was made to award a contract to Stearns, Conrad and Schmidt Consulting Engineers, Inc., at the unit prices and lump sums stated in its bid amounting to approximately \$3,023,266.70. Furthermore, a recommendation was made to order staff to review the insurance and surety bonds for

performance and payment and, if sufficient, order the Secretary to execute the contract with Stearns, Conrad and Schmidt Consulting Engineers, Inc., for construction of the Project.

Upon motion of Director Taj, duly seconded and unanimously carried by a roll-call vote, Contract No. 5459 for construction of the Landfill Gas Wells and Header Line Repair at Various District Landfills - 2022 was awarded to the sole bidder, to wit: Stearns, Conrad and Schmidt Consulting Engineers, Inc., at the unit prices and lump sums stated in its bid amounting to approximately \$3,023,266.70. Furthermore, the Board of Directors of County Sanitation District No. 2 of Los Angeles County ordered staff to review the insurance and surety bonds for performance and payment and, if sufficient, ordered Secretary to execute the contract with Stearns, Conrad and Schmidt Consulting Engineers, Inc., for construction of the Project.

RE: WASTEWATER MANAGEMENT  
DISTRICT 21 INTERCEPTOR SEWER  
REHABILITATION PHASE 1 - AWARD  
CONTRACT NO. 5451 TO LUCAS  
BUILDERS, INC. - ORDER STAFF  
TO EXECUTE

The District 21 Interceptor Sewer Rehabilitation Phase 1 (Project) consists of the rehabilitation of approximately 3,031 feet of existing 33-inch to 54-inch-diameter corroded reinforced concrete pipe sewer constructed between 1969 and 1971. The work is located within the Cities of Industry and Pomona as was shown on the map attached to the agenda. The bid summary/recomm-

endation to award was attached to the agenda. 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). The bids received at the District’s office on June 2, 2022, for construction of the Project are as follows:

<u>BIDDER</u>	TOTAL BID
Lucas Builders, Inc.	\$4,096,941.00
Mladen Buntich Construction Company, Inc.	\$5,476,180.00
Steve Bubalo Construction Co.	\$5,678,640.00
Colich & Sons L.P.	\$5,984,450.00
J.R. Pipeline Co., Inc.	\$6,625,900.00
Spiniello Infrastructure West, Inc.	\$7,019,060.00

The bid of Lucas Builders, Inc., was the lowest bid received and that Lucas Builders, Inc., was the lowest, regular, responsible bidder for the work, and a recommendation was made to award a contract to Lucas Builders, Inc., at the unit prices and lump sums stated in its bid amounting to approximately \$4,096,941.00. Furthermore, a recommendation was made to order staff to review the insurance and surety bonds for performance and payment and, if sufficient, order the Secretary to execute the contract with Lucas Builders, Inc., for construction of the Project.

Upon motion of Director Taj, duly seconded and unanimously carried by a roll-call vote, Contract No. 5451 for construction of the District 21 Interceptor Sewer Rehabilitation Phase 1 was awarded to the lowest, regular, responsible bidder, to wit: Lucas Builders, Inc., at the unit prices and lump sums stated in its bid amounting to approximately \$4,096,941.00. Furthermore, the Board of Directors of County Sanitation District No. 2 of Los Angeles County ordered staff to review the insurance and surety bonds for performance and payment and, if sufficient, ordered Secretary to execute the contract with Lucas Builders, Inc., for construction of the Project.

RE: WASTEWATER MANAGEMENT  
JOINT OUTFALL “G” UNIT 8 TRUNK  
SEWER REHABILITATION PHASE 1  
AWARD CONTRACT NO. 5460  
TO COLICH & SONS, L.P.  
ORDER STAFF TO EXECUTE

The Joint Outfall “G” Unit 8 Trunk Sewer Rehabilitation Phase 1 (Project) will consist of rehabilitation of approximately 8,483 feet of 36-inch and 48-inch corroded clay-tile-lined reinforced concrete pipe and appurtenant structures that were constructed in 1925. The work is located primarily within the Cities of Compton and Long Beach as shown on the map attached to the agenda. The

bid summary/recommendation to award was attached to the agenda. 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”) Sections 15301, 15302 and 15303. 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). The bids received at the District’s office on June 16, 2022, for construction of the Project are as follows:

<u>BIDDER</u>	TOTAL BID
Colich & Sons, L.P.	\$6,652,320.00
Lucas Builders, Inc.	\$6,899,061.00
Spiniello Infrastructure West, Inc.	\$7,307,295.00
Steve Bubalo Construction Co.	\$8,257,190.00
Michels Corporation	\$8,785,225.00
Mladen Buntich Construction	\$8,836,912.00
J.R. Pipeline Co.. Inc.	\$10,075,640.00

The bid of Colich & Sons, L.P., was the lowest bid received and that Colich & Sons, L.P., was the lowest, regular, responsible bidder for the work, and a recommendation was made to award a contract to Colich & Sons, L.P., at the unit prices and lump sums stated in its bid amounting to approximately \$6,652,320.00. Furthermore, a recommendation was made to order staff to review the insurance and surety bonds for performance and payment and, if sufficient, order the Secretary to execute the contract with Colich & Sons, L.P., for construction of the Project.

Upon motion of Director Taj, duly seconded and unanimously carried by a roll-call vote, Contract No. 5460 for construction of the Joint Outfall “G” Unit 8 Trunk Sewer Rehabilitation Phase 1 was awarded to the lowest, regular, responsible bidder, to wit: Colich & Sons, L.P., at the unit prices and lump sums stated in its bid amounting to approximately \$6,652,320.00. Furthermore, the Board of Directors of County Sanitation District No. 2 of Los Angeles County ordered staff to review the insurance and surety bonds for performance and payment and, if sufficient, ordered Secretary to executethe contract with Colich & Sons, L.P., for construction of the Project.

RE: WASTEWATER MANAGEMENT  
 POMONA WATER RECLAMATION PLANT  
 PRIMARY STRUCTURES CONCRETE  
 LINING AND BIOTRICKLING FILTERS  
 REPORT ON BIDS - REJECT - READVERTISE

The Pomona Water Reclamation Plant (WRP) Primary Structures Concrete Lining and Biotrickling Filters (Project) is to repair corroded concrete surfaces and install a protective plastic lining system in various concrete tanks and channels at Pomona WRP. The Project will also replace deteriorated equipment

including the following: the primary sludge collection systems; gates and piping; tank and channel odor control covers; and the existing foul air treatment system. Only one bid was received, and the bid price exceeds the budget. The specifications will be revised to provide additional contract time for material procurement to address the uncertainty associated with supply chain issues, and the project re-advertisement will be scheduled for later this year in consideration of other local bidding opportunities. It is anticipated that rebidding will result in more competition and therefore more cost-effective bids. The bid summary/recommendation to reject bid and re-advertise was attached to the agenda. The bid received at the District’s office on May 26, 2022, for construction of the Project is as follows:

<u>BIDDER</u>	TOTAL BID
J. R. Filanc Construction Company, Inc.	\$19,956,100.00

A recommendation was made that the bid be rejected and that the Chief Engineer and General Manager be authorized to revise the scope of work and establish a date for readvertisement and receipt of bids.

Upon motion of Director Taj, duly seconded and unanimously carried by a roll-call vote, the bid submitted by J.R. Filanc Construction Company, Inc., on May 26, 2022, for construction of the Pomona Water Reclamation Plant Primary Structures Concrete Lining and Biotrickling Filters was rejected, and the Chief Engineer and General Manager was authorized to revise the specifications, to establish a new date for receipt of bids, and to readvertise for bids for the construction of the Project.

RE: SOLID WASTE MANAGEMENT  
 TRANSPORTATION AND PROCESSING OF  
 SCRAP TIRES AT CALABASAS LANDFILL  
 AUTHORIZE ISSUANCE OF PURCHASE  
 ORDER TO JACK’S TIRE RECYCLING

Over the past year, the amount of scrap tires received at the Calabasas Landfill (CALF) has significantly increased and so has the cost to transport and process the tires at Waste Management’s Azusa Land Reclamation (ALR) facility. ALR has had several significant tipping fee increases over the past year going from \$140 to \$350 per ton. In

response to the fee increases at ALR, staff searched for more cost-effective options. Jack’s Tire Recycling (JTR)

has offered to pick up the tires from CALF and transport them to their Sun Valley recycling facility for further processing at a total cost of \$185 per ton. Staff recommended temporary use of the JTR facility while proposals are solicited and evaluated for a longer-term agreement. This item is consistent with the Districts' Guiding Principle of commitment to fiscal responsibility and prudent financial stewardship. A recommendation was made to authorize the Chief Engineer and General Manager, in his capacity as Purchasing Agent, to issue a purchase order to Jack's Tire Recycling in the amount of approximately \$325,000 for transportation and processing of scrap tires at Calabasas Landfill.

Upon motion of Director Taj, duly seconded and unanimously carried by a roll-call vote, the Purchasing Agent was authorized to issue a purchase order to Jack's Tire Recycling for transportation and processing of scrap tires at Calabasas Landfill, at a cost of approximately \$325,000.

RE: WASTEWATER MANAGEMENT  
ELECTRO-HYDRAULIC VALVE  
ACTUATORS AT SAN JOSE CREEK  
WATER RECLAMATION PLANT  
AUTHORIZE ISSUANCE OF PURCHASE  
ORDER TO REXA, INC.

Recent efforts at the San Jose Creek Water Reclamation Plant (WRP) have been directed toward modernizing and upgrading the aeration system which delivers air to the biological process necessary for compliant wastewater treatment operations and improved energy efficiency. A critical element of the modernization effort is the implementation of an automated aeration control

system to provide the optimal amount of air for the biological process in response to real-time flow and loading conditions to the plant. Automated aeration control requires precision actuating valves that regulate the amount of air being delivered at various locations within the aeration process. REXA, Inc., (REXA) has developed a unique actuator package that meets Districts' precision and safety requirements. REXA's precision actuator package can be installed inside existing pipe channels without obstruction of walkways, which would cause a safety hazard for plant personnel. 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). A recommendation was made to authorize the Chief Engineer and General Manager, in his capacity as Purchasing Agent, to issue a purchase order to REXA, Inc., in the amount of approximately \$835,758 for electro-hydraulic valve actuators at the San Jose Creek Water Reclamation Plant.

Upon motion of Director Taj, duly seconded and unanimously carried by a roll-call vote, the Purchasing Agent was authorized to issue a purchase order to REXA, Inc., for lectro-hydraulic valve actuators at the San Jose Creek Water Reclamation Plant, at a cost of approximately \$835,758.

RE: WASTEWATER MANAGEMENT  
FURNISH AND DELIVER AMMONIUM  
HYDROXIDE SOLUTION TO VARIOUS  
WATER RECLAMATION PLANTS  
AUTHORIZE EXTENSION OF PURCHASE  
ORDER TO HILL BROTHERS CHEMICAL  
COMPANY

In June 2019, subsequent to competitive bidding, the Board authorized issuance of a purchase order to Hill Brothers Chemical Company (Hill Brothers) to furnish and deliver ammonium hydroxide to the water reclamation plants (WRPs) for one year. Ammonium hydroxide is used in the disinfection process of the treated wastewater. The specifications allow for four 1-year extensions based upon mutual agreement. In accordance

with the specification, Hill Brothers has offered to extend the agreement with a price increase of \$1.01 per gallon (the new price is \$1.67 per gallon vs. the previous price of \$0.662 per gallon); this is the third 1-year extension. This price increase is consistent with the supplier's documented increase due to the rising cost of raw materials, particularly anhydrous ammonia, and high fuel cost. Pricing is similar to what other wastewater agencies pay for this chemical. It would be in the best interest of the Districts to extend the agreement at this time. This item is consistent with the Districts' Guiding Principles of commitment to fiscal responsibility and prudent financial stewardship; and commitment to operational excellence (protection of public health and the environment, regulatory compliance, and cost effectiveness). A recommendation was made to authorize the Chief Engineer and General Manager, in his capacity as Purchasing Agent, to issue a one-year extension of a purchase order with Hill Brothers in the amount of approximately \$951,900 to furnish and deliver ammonium hydroxide solution to various water reclamation plants.

Upon motion of Director Taj, duly seconded and unanimously carried by a roll-call vote, the Purchasing Agent was authorized to extend the purchase order, for a one-year period, with Hill Brothers Chemical Company to furnish and deliver ammonium hydroxide solution to various water reclamation plants, at a cost of approximately \$951,900.

RE: JOINT ADMINISTRATION – RENEWAL OF DISTRICTS’ FIRE AND THEFT INSURANCE COVERAGE - AUTHORIZE ISSUANCE OF PURCHASE ORDER TO AON RISK SERVICES, INC.

The proposed insurance provides coverage for the majority of the Districts’ buildings and contents, with a combined valuation of \$581,081,919. Aon Risk Services, Inc., (Aon), the Districts’ broker, requested quotes from over 20 carriers. The average cost per \$100 in valuation is approximately 1 percent higher than last year’s premium for the

primary policy with Travelers that covers all but six Districts’ facilities. Four of the remaining six facilities are covered by other policies and the other two facilities must be self-insured due to their location in high wildfire risk areas. The proposed Travelers policy includes \$10,000,000 for business interruption coverage for the Joint Administration Office. In addition, the Puente Hills Materials Recycling Facility is being handled separately by Travelers and limited to \$20 million of the \$53 million in building value and the premium increased significantly due to recent fires experienced at similar recycling facilities, combined with a high wildfire risk. This item is consistent with the Districts’ Guiding Principle of commitment to fiscal responsibility and prudent financial stewardship. A recommendation was made to authorize payment to Aon Risk Services, Inc., in the amount of approximately \$1,352,157 for renewal of Districts’ fire and theft insurance coverage for a one-year period.

Upon motion of Director Taj, duly seconded and unanimously carried by a roll-call vote, the Purchasing Agent was authorized to issue a purchase order to Aon Risk Services, Inc., for renewal of Districts’ fire and theft insurance coverage, for a one-year period, at a cost of approximately \$1,352,157.

RE: SOLID WASTE MANAGEMENT SERVICES AGREEMENT - SOUTHERN CALIFORNIA GAS COMPANY CONTRACT NO. 5461 - APPROVE AUTHORIZE CHIEF ENGINEER AND GENERAL MANAGER TO EXECUTE AND APPROVE DOCUMENTS

The Districts has implemented a food waste recycling program at the Joint Water Pollution Control Plant (JWPCP) which has resulted in increased biogas production in the plant’s digesters. This biogas is currently used at the JWPCP to generate electricity and to make vehicle fuel. With increasing deliveries of food waste slurry to the JWPCP, there is currently more biogas being generated than the existing infrastructure at the site can

beneficially use. One potential option to beneficially use this biogas is to upgrade it to natural gas standards (biomethane) and inject it into Southern California Gas Company’s (SoCalGas) pipeline system. A feasibility and interconnection screening study can be performed by SoCalGas at no charge to the Districts. This study will determine if the nearest SoCalGas pipeline has capacity for the additional gas. If deemed feasible, subsequent steps in the interconnection process would be for SoCalGas to conduct more detailed studies (a Preliminary Engineering Study and a Detailed Engineering Study) at an estimated cost to the Districts of \$520,000. In addition to approving the *Services Agreement* (Agreement) for the feasibility study, authority is requested for the Chief Engineer or his designee to execute documents necessary to proceed with these more detailed studies to determine the viability of a biomethane pipeline injection project. Upon completion of these studies, if staff recommends proceeding with a biomethane interconnection project, authorization will be requested from the Board. Staff has determined that the activities described herein are 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 15262. This item is consistent with the Districts’ Guiding Principle to maximize use of our assets and resources (recycled water, recyclables, and energy). A recommendation was made to approve and order executed an Agreement with SoCalGas, at no cost, to explore feasibility of biomethane pipeline injection at the Joint Water Pollution Control Plant, including an interconnection screening study and confidentiality agreement. Furthermore, a recommendation was made to authorize the Chief Engineer and General Manager or his designee to execute all further documents with SoCalGas to effectuate two engineering studies at a cost of approximately \$520,000 and to execute related documents necessary for the completion of relevant studies.

Upon motion of Director Taj, duly seconded and unanimously carried by a roll-call vote, the Board of Directors of County Sanitation District No. 2 of Los Angeles County found and determined that it would be to the advantage of the District to enter into a *Services Agreement* with Southern California Gas Company providing to explore feasibility of biomethane pipeline injection at the Joint Water Pollution Control Plant, including an interconnection screening study and confidentiality agreement, as set forth in the Agreement and under terms and conditions contained therein. All the terms and conditions of the *Services Agreement*, Contract No. 5461, dated July 13, 2022, were accepted and approved, and the Chairperson and Secretary were authorized to execute the Agreement on behalf of the District. Furthermore, the Chief Engineer and General Manager, on behalf of the District, was authorized to execute all further documents with SoCalGas to effectuate two engineering studies at a cost of approximately \$520,000 and to execute related documents necessary for the completion of relevant studies.

RE: RESOLUTION ESTABLISHING  
TIME AND PLACE FOR REGULAR  
AND SPECIAL MEETINGS - ADOPT

A proposed *Resolution, Establishing Time and Place for Regular and Special Meetings of the Sanitation District No. 2 of Los Angeles County*, was presented. The Ralph M. Brown Act requires that the Board provide, by

ordinance, resolution or other rule, the time and place for regular meetings. It is recommended that regular meetings be held on the second and fourth Wednesday of every month, except August where no meetings will be held, at 1:30 p.m. in the Board Room of the Joint Administration Office of the Los Angeles County Sanitation Districts, Whittier, California. Special meetings may be called at any time by the Chairperson of the Board as the presiding officer, or by a majority of the members of the Board of Directors, and the notice must be delivered at least twenty-four (24) hours before the time of such meeting as specified in the notice. This item is consistent with the Districts' Guiding Principle to provide transparent communication to our Boards and the public. A copy of the proposed Resolution was attached to the agenda. A recommendation was made to adopt the Resolution.

Upon motion of Director Taj, duly seconded and unanimously carried by a roll-call vote, the following Resolution was adopted:

RESOLUTION ESTABLISHING TIME AND PLACE FOR  
REGULAR AND SPECIAL MEETINGS OF THE  
SANITATION DISTRICT NO. 2 OF LOS ANGELES COUNTY

BE IT RESOLVED, that there shall be a regular monthly meeting of the Board of Directors of the District on the second and fourth Wednesdays of every month, at 1:30 p.m. in the Board Room of the Joint Administration office of the Los Angeles County Sanitation Districts, Los Angeles, California, 90601; provided that, should the second or fourth Wednesday fall upon a legal holiday, said meeting shall be held on the next business day thereafter, at the same time and place, and that no further notice of such regular monthly meeting shall be required and further provided that for convenience and scheduling conflicts, regular meetings may be rescheduled on a majority vote of the Board of Directors.

BE IT RESOLVED, that there shall be no regular monthly meeting of the Board of Directors of the District in the month of August unless deemed necessary.

BE IT FURTHER RESOLVED, that special meetings of the Board of Directors of the District may be called at any time by the Chairman of the Board as the presiding officer, or by a majority of the members of the Board of Directors by delivering personally or by mail written notice to each member of the Board of Directors and to each local newspaper of general circulation, radio station, or television station requesting notice in writing. Such notice shall be delivered personally or by mail at least twenty-four (24) hours before the time of such meeting as specified in the notice. The call and notice shall specify the time and place of the special meeting and the business to be transacted. However, such written notice of special meetings may be dispensed with as to any member who has previously filed a written waiver of notice with the Secretary of the District. Such waiver may be given by fax or electronic mail. Such written notice may also be dispensed with as to any member of the Board of Directors who is actually present at the meeting at the time the special meeting is requested.

PASSED AND ADOPTED by the Board of Directors of the County Sanitation District No. 2 of Los Angeles County this 13<sup>th</sup> day of July 2022 by the following votes:

AYES: Directors Maloney, Taj, Saleh, Flores, Santa Ines, Barrows, Sharif, B. Pacheco, R. Garcia, Buscaino, Cobos-Cawthorne, Ramirez, Cuellar Stallings, Ding, Davila, Lopez, and Warner

NOES: None

ABSTAIN: None

ABSENT: Directors Rebollo, H. Lo, Sanchez, and Mitchell

RE: UPDATE ON PURE WATER SOUTHERN  
CALIFORNIA PROJECT, A PARTNERSHIP  
WITH METROPOLITAN WATER DISTRICT  
OF SOUTHERN CALIFORNIA - DISCUSS

Prior to the meeting in regular session, the Chief Engineer and General Manager gave a brief presentation on the Pure Water Southern California Program (Program), formerly known as the Regional Recycled Water Project. He stated that a lot has happened in the subject of water

relating to the drought and funding that will specifically benefit the Program.

The importance of the Program was discussed. Southern California gets over 60 percent of its water from Northern California's Delta and the Colorado River. Both of those systems are stressed from ongoing

drought. Lake Oroville, a key reservoir in Northern California, reached its lowest water point ever last year. He pointed out the “bathtub ring,” a white line, due to chemical reactions, which is typically submerged in water. Lake Mead and Lake Powell, large reservoirs on the Colorado River, are at their lowest levels; therefore, the state is in crisis. Studies have shown that water levels in the last three years are at their lowest and continue to drop. This region imports approximately 2 million acre-feet (AF) of water from the Colorado River, which supplies 15 states. The Los Angeles County Flood Control District, which replenishes the groundwater basins, collected less rain. The Program will provide for an increase and constant water supply that is weatherproof.

Since 1962, the Districts has been producing recycled water. The Whittier Narrows Water Reclamation Plant (WRP) was the first of its kind in the nation, purposely built to replenish groundwater. He showed a map of the Districts’ 11 wastewater treatment plants, of which 10 of these plants currently have water recycling components. Most of the water from those plants is recycled groundwater used for replenishment or irrigation. The 11<sup>th</sup> plant is the Joint Water Pollution Control Plant (JWPCP) in Carson. That facility takes in industrial wastewater and solids from the upstream plants. The effluent at this plant is too salty and has a high number of dissolved solids. Changes in technology over the last 10 years now allow for recycling effluent at the JWPCP.

The Districts has been working for 14 years with Metropolitan Water District (MWD) and entered into a formal partnership. The Districts has done good work on an advanced treatment pilot which consisted of running a demonstration facility at the JWPCP. JWPCP receives 260 million gallons per day (GPD) of wastewater (almost two-thirds of the total flow in the Districts system) which goes through primary and secondary treatment and is then discharged to the ocean. Approximately half a million GPD is sent to the demonstration plant for advanced treatment and is used for demonstration purposes to regulators.

He showed an aerial photo of the JWPCP, the Advanced Water Treatment (AWT) demonstration facility, and the future location of the full-scale facility. The primary role of the Districts is to deliver treated water from the JWPCP to MWD to be used at the AWT Facility to be purified. MWD funded the demonstration plant. Over 20 years ago, the Districts purchased the adjacent property that belonged to the Fletcher Oil Refinery which closed in the 1980s. The property is currently being remediated and is now suitable for development. It was a foresight of his predecessors and the Board to purchase the 31 acres for plant expansion and it will now site the AWT Facility. One component of the Program is the AWT process, and the second component is conveying the water out of Carson. There are plans for a future in-person tour for Directors. Currently, a virtual tour of the demonstration plant is being offered.

The Project starts with an AWT facility, near the JWPCP. A large pipeline is needed to convey the purified water. The primary role of the pipeline is to replenish groundwater basins throughout Southern California. The Program would be able to produce water year in and year out, and if water is not available from the State Water Project and the Colorado River. The groundwater basins serve as a water-storage bank for the region.

The main pipeline would serve the West Coast Basin, Central Basin, Rio Hondo Spreading Grounds, Main San Gabriel Basin, and Santa Fe Spreading Grounds. Phase 2 would connect to MWD’s Weymouth Plant to provide an additional supply to the state and Colorado system.

Building a large pipeline will be a challenge. MWD would take the lead and the Districts would be involved in the process. The preliminary work is looking at the alignment of the conveyance lines. The Districts and MWD are trying to minimize the impact to the local cities by using existing rights-of-way. The conceptual plan for the route of the pipeline through the City of Carson has already been discussed with the City, which has approved of the route.

The AWT Facility uses newer technology that has been around and is proven, although it has not previously been used for this application. Reverse osmosis membranes are demineralizing filters that purify the water. The water is so pure that minerals must be added prior to pumping back into the system. Ultraviolet light oxidation and disinfection removes the remaining impurities and destroys pathogens.

The benefits of the Program were shown on a slide. The Program would produce 150 million gallons of purified water per day (approximately 10 percent of water imported by MWD on a typical year). That is enough for 1.5 million people, 15 percent of Los Angeles County. This would be a significant source of water for the region and the largest recycled water project in the nation. The Program would assist in stabilizing the levels in groundwater basins. The water source would be reliable and droughtproof. If an earthquake should occur on the San Andreas Fault, the two major water supplies to Southern California could be cut off for weeks or months. All the new facilities would be on the west side of the San Andreas Fault and would be more likely to remain in service.



The cost of the Program, as shown on a slide, was estimated in 2018 and is being updated. In 2018, the total cost for construction was \$3.4 billion. Today, the cost of construction is estimated at approximately \$4 billion. The estimated cost included \$1 billion for the AWT Facility and \$2.4 billion for pipelines and groundwater recharge. Annual operation and maintenance costs were estimated at \$130 million. The result is a cost of \$1,800 per acre foot. Compared to other methods like stormwater capture and ocean desalination, the cost for the Program is less expensive. The Districts and MWD are pursuing state and federal grants to bring the cost down.

On Tuesday, May 17, 2022, Governor Gavin Newsom visited the AWT demonstration and held a press conference facility in support of the Program. Governor Newsom made recent revisions to the state budget to provide additional funding in drought relief and grants for water recycling. Governor Newsom is in support of the Program as an innovative and necessary way to create a new supply of water for Southern California. We are in good position to receive grants to fund the Program. Also present were Mayor Lula Davis-Holmes, City of Carson, and District No. 2 Chairperson Cathy Warner, City of Whittier.

The Chief Engineer and General Manager reviewed the ongoing work related to the Program. One of the big steps that is coming is the issuance of a Notice of Preparation for the project's Environmental Impact Report (EIR) in September. This document seeks comments on the scope of the environmental analysis, especially from other agencies that may have some jurisdiction. A draft EIR for public review is expected in spring 2023 and a final EIR is expected in early 2024.

As previously mentioned, the effluent produced by the JWPCP has not been suitable for recycling due to its high salt concentrations. Enhanced source control of industrial pollutants that may not be removed in the proposed treatment processes is required. The Districts' existing secondary biological treatment facilities are very efficient for stabilizing organic waste for ocean discharge but are insufficient to meet project needs. Enhanced biological treatment like what the Districts have at its WRPs, at San Jose Creek WRP for example, will be needed for the JWPCP. These will remove more trace organic constituents and nitrogen. The state currently allows the salts removed by the reverse osmosis (concentrate) to be discharged to the ocean, but further testing, evaluation, and possibly treatment will be needed.

The Chief Engineer and General Manager reviewed potential future Board actions. In fall 2022, the MWD will be considering approval of the capital project. In spring 2024, the MWD and the Districts will consider approval of the EIR and Facilities Plan. In late 2024, both agencies will consider approval of the implementation and cost sharing agreements. In 2025-2027, the Boards will be considering approvals to award design contracts and construction for the JWPCP upgrades and site preparation, including breaking ground. Phase 1 is estimated for completion in 2032. He stated that he will provide updates as the project moves forward.

Upon motion of Director Saleh, duly seconded and unanimously carried, the meeting was adjourned.

CATHY WARNER  
Chairperson

ATTEST:

KIMBERLY S. CHRISTENSEN  
Secretary

/ee