



August 18, 2021

TO: LOCSD Utilities Advisory Committee
FROM: Margaret Falkner, Utility Systems Manager
Ron Munds, General Manager
SUBJECT: **Agenda Item 5 - 08/18/2021 Utilities Advisory Committee Meeting**
Utilities Department Updates – for July

President
Christine M. Womack

Utility Department Updates

Vice President
Matthew D. Fourcroy

Directors
Charles L. Cesena
Troy C. Gatchell
Marshall E. Ochylski

General Manager
Ron Munds

District Accountant
Robert Stilts, CPA

Unit Chief
Eddy Moore

Battalion Chief
Paul Provence

Mailing Address:
P.O. Box 6064
Los Osos, CA 93412

Offices:
2122 9th Street, Suite 110
Los Osos, CA 93402

Phone: 805/528-9370
FAX: 805/528-9377

www.losososcsd.org

Program C Well

The District's environmental consultant, SWCA, completed the work on the project's Initial Study/Mitigated Negative Declaration. The public comment period closed on June 19, 2021. A public hearing for Resolution 2021-19 to Adopt a Mitigated Negative Declaration for the Program C Lower Aquifer Well Project was adopted at August 5, 2021 Board of Directors meeting. Staff is continuing to work on the scope of work for the drilling phase of the project and the Minor Use Permit application with the County.

8th St. Upper Aquifer Well

This project has been in works since 2016 with 90% design documents completed in 2018. The estimated cost of the project at that time was approximately \$315,000. This cost did not include construction management and other project management costs. The project was put on hold while the District applied for a Department of Water Resources grant through the County's Integrated Regional Water Management program. The grant amount is about \$240,000. Though the grant documents haven't been signed, the District was given the go ahead to start the project with the anticipation of being reimbursed at a future date. Since the engineering estimates for the cost of the project are over three years old, staff authorized the design engineer to update the costs and complete the design to ready the project to go out to bid. The revised cost of the project, including construction management costs, is \$366,500. At the Board meeting on June 3rd the notice to invite bids was approved with a construction cost estimate of \$310,000. The bidding period closed on July 13, 2021. The District received four bids that were all lower than the engineer's estimate. The lowest bid was \$207,300. Notice of Award has been issued and notice to proceed will follow.

16th Street North Tank Fill-line Project

At the kickoff meeting, staff and consultants discussed the North Tank Fill line that developed a leak. Utilities crew placed a band-clamp on the spot where the breach occurred. That fill-line was replaced in 2005 after the San Simeon Earthquake and paid for by FEMA and OES. At that time, it was priced at \$37,800. We are working with our District engineer on current cost estimate for this project. A mid-year budget adjustment will have to be made to move the project forward.

Utility Replacement Vehicle

On July 16, 2021 the District purchased a 2021 Chevy Colorado to replace our utility vehicle Unit H. We were able to trade-in the 2004 Ford F-150 and received \$2,500 on the trade-in value. This was more than our value according to our vehicle replacement schedule. Our total purchase price of the new vehicle came to \$33,706.15. This is below the budgeted \$50,000 for this capital purchase.

Water Conservation Program Update

Based on the discussion at the July 21st UAC meeting, the District continues the work to inform the public about the current drought situation and how individual efforts can help conserve water. Here are continuing and future efforts:

1. Water Billing Inserts
 - Drought Messages
 - Water Conservation Tips
 - Flume Device Information Promotion
2. Messages on the bills about Water Shortage Contingency Plan Goals
 - The goal to reach 50 gallons per person per day per Stage III requirements
3. E-bill messages – emailed to registered customers (same as the billing inserts)
4. Promotion of the Water Conservation Web Page from the District Website
 - <https://www.lososocsd.org/water-conservation>
5. Water Conservation messages on the District's Facebook Page
6. District Rebate Program
 - <https://www.lososocsd.org/district-rebate-program>
7. Work with graphic arts company to develop materials to promote water conservation/drought awareness
8. Providing water conservation fixtures to customers in our water service area
 - Faucet Aerators
 - Drip Gauges
 - Shower Timers
 - Soil Moisture Meters
 - Hose Nozzles
9. Links to other water conservation websites from the Water Conservation Page
10. "How To" Pamphlet downloads from the Water Conservation Page
11. Reaching out directly to the top 100 users in the District's water service area
12. Weekly messages on Rotary sign at LOVR & South Bay Blvd



September 15, 2021

TO: LOCSO Utilities Advisory Committee
FROM: Margaret Falkner, Utility Systems Manager
Ron Munds, General Manager
SUBJECT: **Agenda Item 6 - 09/15/2021 Utilities Advisory Committee Meeting**
Utilities Department Updates – for August

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Vice President
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Directors
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Utility Department Updates

Program C Well

The District's environmental consultant, SWCA, completed the work on the project's Initial Study/Mitigated Negative Declaration. The public comment period closed on June 19, 2021. A public hearing for Resolution 2021-19 to Adopt a Mitigated Negative Declaration for the Program C Lower Aquifer Well Project was adopted at August 5, 2021 Board of Directors meeting. Staff is continuing to work on the scope of work for the drilling phase of the project and the Minor Use Permit application with the County. Staff is applying for grant funding for this well along with the pipeline project.

8th St. Upper Aquifer Well

This project has been in the works since 2016 with 90% design documents completed in 2018. The estimated cost of the project at that time was approximately \$315,000. This cost did not include construction management and other project management costs. The project was put on hold while the District applied for a Department of Water Resources grant through the County's Integrated Regional Water Management program. The grant amount is about \$240,000. Though the grant documents haven't been signed, the District was given the go ahead to start the project with the anticipation of being reimbursed at a future date. Since the engineering estimates for the cost of the project are over three years old, staff authorized the design engineer to update the costs and complete the design to ready the project to go out to bid. The revised cost of the project, including construction management costs, is \$366,500. At the Board meeting on June 3rd the notice to invite bids was approved with a construction cost estimate of \$310,000. The bidding period closed on July 13, 2021. The District received four bids that were all lower than the engineer's estimate. The lowest bid was \$207,300. Notice of Award has been issued and notice to proceed will follow. A pre-construction meeting was held at the job site on September 1, 2021. Work will begin soon.

16th Street South Tank Rehabilitation Project

The District owns and operates two water storage tanks on 16th Street. The "north" tank with a volume capacity of 400,000 gallons was constructed in 1967. The "south" tank with a volume capacity of 525,000 gallons was constructed in the late 1970's.

Facilities such as water tanks require on-going preventive maintenance to help maintain the integrity of the facility and to ensure their serviceability through their anticipated life cycle and potentially beyond. The exterior of a water tank is exposed to the harsh environmental elements (i.e., sun, wind, saltwater, etc.), which deteriorate the coating and cause corrosion if steel is

exposed. The exterior of both tanks had been re-coated in 2006 with the interior of the north tank re-coated as part of that project. Since 2006, the tanks have been inspected every five years with spot repair performed as recommended. The industry standard for complete rehabilitation of the exterior of water storage tanks is between 15 to 20 years depending on conditions. Based on the most recent inspection reports, both tanks are in need of complete rehabilitation work.

The estimated cost for the rehabilitation work is approximately \$350,000 for each tank plus project and quality assurance/inspection management services which are estimated at \$86,735. Because the Fund 500 capital plan anticipates large expenditures for the next two fiscal years, it was decided to rehabilitate one tank per fiscal year in order to maintain enough cash flow for the other projects in the Capital Improvement Plan and operations.

The Board approved the following budget for the project which includes rehabilitation work, project management and support services is as follows:

Task	Costs
Rehabilitation Work (estimated)	\$350,000
Subtotal	\$350,000
Wallace Group Design	\$ 11,000
ATS Design Support	\$ 4,850
ATS Bid Phase	\$ 500
Wallace Group Bid Phase	\$ 3,500
ATS Quality Assurance & Inspection	\$ 49,500
Wallace Group Project Support/Admin	\$ 9,500
10% contingency for support services	\$ 7,885
Subtotal	\$ 86,735
Total Budget	\$436,735