

**MEETING OF THE GROUNDWATER QUALITY COMMITTEE  
WATER REPLENISHMENT DISTRICT OF SOUTHERN CALIFORNIA  
4040 PARAMOUNT BLVD., LAKEWOOD, CA. 90712  
10:00 AM, TUESDAY, APRIL 9, 2019**

**AGENDA**

Each item on the agenda, no matter how described, shall be deemed to include any appropriate motion, whether to adopt a minute motion, resolution, payment of any bill, approval of any matter or action, or any other action. Items listed as "For information" or "For discussion" may also be the subject of an "action" taken by the Board or a Committee at the same meeting.

- 1. DETERMINATION OF A QUORUM**
- 2. PUBLIC COMMENT**  
*Pursuant to Government Code Section 54954.3*
- 3. AUTHORIZATION TO EXECUTE AMENDMENT NO. 1 WITH WECK LABORATORIES INC. FOR THE TITLE 22 MONITORING PROGRAM**  
*Staff Recommendation:* The Groundwater Quality Committee recommends that the Board of Directors approve Amendment Number 001, subject to approval as to form by District Counsel, with WECK Laboratories for the Title 22 Groundwater Monitoring Program for an additional amount not to exceed \$400,000.
- 4. SAFE DRINKING WATER PROGRAM AND DISADVANTAGED COMMUNITIES PROGRAM UPDATE**  
*Staff Recommendation:* The Groundwater Quality Committee receive and file the report.
- 5. ENVIRONMENTAL SITES REVIEW**  
*Staff Recommendation:* The Groundwater Quality Committee receive and file the report.
- 6. SAFE DRINKING WATER OUTREACH UPDATE**  
*Staff Recommendation:* The Groundwater Quality Committee receive and file the report.
- 7. DIRECTORS' REPORTS, INQUIRIES AND FOLLOW UP OF DIRECTIONS TO STAFF**
- 8. ADJOURNMENT**  
*The Committee will adjourn to the next regular meeting currently scheduled for May 14, 2019, at 10:00 a.m.*

In compliance with the Americans with Disabilities Act (ADA), if special assistance is needed to participate in the meeting, please contact Brandon Mims, Deputy Secretary at (562) 921-5521 for assistance to enable the District to make reasonable accommodations.

All public records relating to an agenda item on this agenda are available for public inspection at the time the record is distributed to all, or a majority of all, members of the Board. Such records shall be available at the District office located at 4040 Paramount Boulevard, Lakewood, California 90712.

Agendas are available at the District's website, [www.wrd.org](http://www.wrd.org).

**EXHAUSTION OF ADMINISTRATIVE REMEDIES** – If you challenge a District action in court, you may be limited to raising only those issues you or someone else raised at the public hearing described in this notice, or in written correspondence delivered to the Deputy Secretary at, or prior to, the public hearing. Any written correspondence delivered to the District office before the District's final action on a matter will become a part of the administrative record.

**MEMORANDUM****ITEM NO. 3**

**DATE:** APRIL 9, 2019

**TO:** GROUNDWATER QUALITY COMMITTEE

**FROM:** ROBB WHITAKER, GENERAL MANAGER

**SUBJECT:** AUTHORIZATION TO EXECUTE AMENDMENT NO. 1 WITH WECK LABORATORIES INC. FOR THE TITLE 22 MONITORING PROGRAM

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**SUMMARY**

The District has been managing the Title 22 Groundwater Monitoring Program since January 1, 2007. This program provides sample collection, analysis, and reporting of drinking water wells results to the State Water Resources Control Board (SWRCB) as required by state regulations. It ensures compliance with applicable source water quality monitoring requirements for drinking water wells. The District has provided this service to 22 pumpers subscribing to this program for currently over 84 wells.

WECK Laboratories, Inc. was awarded a three-year contract for laboratory services effective January 1, 2018. The costs for the 3-year term of this contract includes regulatory monitoring required by Title 22, compliance monitoring for the Federal Unregulated Contaminant Monitoring Regulation 4 (UCMR4) and monitoring of constituents with state notification levels.

The cost of the program to the pumpers includes laboratory costs (passed on directly with no mark-up) and the administrative costs of \$385 per well per year. All laboratory cost is initially paid by the District and reimbursed by the pumper. Over the past year, increased sampling has been required due to new quarterly samples for all wells required by SWRCB for the newly adopted maximum contaminant level (MCL) of 1,2,3-Trichloropropane (1,2,3-TCP). In addition, in March 2019, *Order No. 04-07-19M* from SWRCB was issued to several participants to conduct quarterly samples of their wells for Perfluorooctanoic Acid (PFOS) and Perfluorooctanesulfonic Acid (PFOS). The administrative cost and the sampling cost of each well sampled will remain unchanged but the number of samples required per well has increased. Staff is requesting an increase of \$400,000 in the budget to accommodate the additional required sampling through the contracted expiration date of January 1, 2021.

**FISCAL IMPACT**

This contract is expense and revenue neutral because all laboratory costs are fully reimbursed to the District by the participating subscribers and there is no impact on the Replenishment Assessment.

**STAFF RECOMMENDATION**

The Groundwater Quality Committee recommends that the Board of Directors approve Amendment Number 001, subject to approval as to form by District Counsel, with WECK Laboratories for the Title 22 Groundwater Monitoring Program for an additional amount not to exceed \$400,000.

**MEMORANDUM****ITEM NO. 4**

**DATE: APRIL 9, 2019**

**TO: GROUNDWATER QUALITY COMMITTEE**

**FROM: ROBB WHITAKER, GENERAL MANAGER**

**SUBJECT: SAFE DRINKING WATER PROGRAM AND DISADVANTAGED COMMUNITIES PROGRAM UPDATE**

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**SUMMARY**

The District administers the Safe Drinking Water Program (SDWP) which provides grant or loan assistance to basin pumpers for wellhead treatment to remove contaminants and improve water quality. The Grant Program provides treatment for removing groundwater contaminants from man-made sources (e.g. Volatile Organic Compounds); whereas the Loan Program provides 10-year, zero-interest loans for providing water treatment to remove unacceptable levels of contaminants from natural sources (e.g. iron, manganese, and arsenic).

The District approved three wellhead treatment projects as part of the Safe Drinking Water Program: California American Water Arlington Well, Huntington Park Well 15, and Lynwood Well 11. The wellhead treatment system at all three wells will consist of a complete granular activated filtration system built within the boundaries of the existing well sites owned and operated by the water systems. All three projects are currently under construction.

**Safe Drinking Water DAC Program**

As an extension of the District's Safe Drinking Water Program, the District approved the creation of the Safe Drinking Water Disadvantage Communities (DAC) Program. The goal of this program is to assist water systems located in disadvantaged communities within the District's service area with state and federal funding to address the issues related to their drinking water wells. The focus of the program is to provide technical assistance and extensive outreach to help the systems secure funding that is set aside specifically for disadvantaged communities. Currently there are ten water systems participating in the program and receiving assistance: City of Bell Gardens, City of Compton, City of Huntington Park and City of Lynwood, Maywood Mutual Water Company No. 1, Maywood Mutual Water Company No. 2, Maywood Mutual Water Company No. 3, Sativa LA County Water District, Tract 180 Mutual Water District, and Walnut Park Mutual Water.

The Maywood Avenue Wellhead Treatment DAC Project is currently in the construction phase. This project will be funded through Prop 84 and Prop 1 funding and the District will be reimbursed.

Safe Drinking Water Program Outreach Efforts

Outreach efforts continue as staff is preparing follow-up outreach to cities, particularly disadvantaged communities, to schedule presentations for upcoming city council meetings to further explain WRD's programs.

**FISCAL IMPACT**

None

**STAFF RECOMMENDATION**

The Groundwater Quality Committee receive and file the report.

**MEMORANDUM****ITEM NO. 5**

**DATE: APRIL 9, 2019**

**TO: GROUNDWATER QUALITY COMMITTEE**

**FROM: ROBB WHITAKER, GENERAL MANAGER**

**SUBJECT: ENVIRONMENTAL SITES REVIEW**

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**SUMMARY**

WRD continues to take an active role in groundwater quality protection, cleanup, and investigation. As part of its Groundwater Contamination Prevention Program, WRD established the Central and West Coast Basin Groundwater Contamination Forum, a data-sharing and discussion forum with key stakeholders that include various cities, water purveyors, the United States Environmental Protection Agency (EPA), California Department of Toxic Substances Control (DTSC), Los Angeles Regional Water Quality Control Board (RWQCB), State Water Resources Control Board Division of Drinking Water (DDW), United States Geological Survey (USGS), and California Department of Water Resources (DWR).

In 2005, the stakeholders drafted and signed a Memorandum of Understanding ("MOU") agreeing to meet regularly and share data on major groundwater contaminated sites within the Central Basin and West Coast Basin. WRD acts as the meeting coordinator and data repository/distributor, helping stakeholders to characterize the extent of contamination to identify pathways for contaminants in shallow aquifers to reach deeper drinking water aquifers and develop optimal methods for remediating contaminated groundwater. The overall purpose of the Forum is to expedite the cleanup of these major contaminated sites in the basins.

With the cooperation and support of all stakeholders in the Groundwater Contamination Forum, WRD developed a list of high-priority groundwater contaminated sites ("environmental sites") located within the District. This list is a living document, subject to cleanup and "closure" of sites, as well as discovery of new sites warranting further attention. Currently, the list includes 46 sites located throughout the Central Basin and West Coast Basin. The list was developed based on the following criteria:

- Site location and hydrogeology
- Distance to nearest drinking water well
- Depth to shallowest water-supply aquifer beneath site
- Concentration of detected contaminants

- Fate and transport of detected contaminants
- Presence of contamination in nearby drinking water wells
- Status of site characterization with respect to groundwater contamination
- Status of site remediation with respect to groundwater contamination
- Stage of regulatory agency involvement

WRD works in close consultation with the lead regulatory agencies for each of these sites to provide data and technical support to facilitate site characterization and expedite cleanup. An update is provided below for water supply well impacted in and around the City of Lynwood.

### **WATER SUPPLY WELL IMPACTS IN THE LYNWOOD AREA (CENTRAL BASIN)**

For several years, WRD has been tracking increasing water quality trends in the central portion of the Central Basin, in and around the Cities of Lynwood, South Gate, and Compton. Several water supply wells have had detections of man-made constituents above regulatory action levels, including the volatile organic compounds (VOCs) tetrachloroethene (PCE), which is used for metal degreasing and dry cleaning, and trichloroethene (TCE), which is used for metal parts cleaning. In addition, the commonly used solvent stabilizer 1,4-Dioxane has been detected. The presence of these compounds recently led to the closure of one water supply well (Lynwood Well 11) by the Division of Drinking Water (DDW).

WRD is currently building a wellhead treatment system at Lynwood Well 11 to address TCE and is in the process of obtaining funding for a second wellhead treatment system at nearby Compton Well 16 to address 1,4-Dioxane and PCE. Another nearby water supply well is also impacted with 1,4-Dioxane and PCE (Lynwood Park Mutual Water Company Well 02). The District has groundwater monitoring wells in South Gate, Lynwood and Compton that are helping to identify the extent and magnitude of the problem.

In addition, an environmental assessment is needed to help identify properties (sites) that may be contributing to the groundwater contamination in the area beyond the work that WRD has performed under our Groundwater Contamination Program. WRD will utilize our existing on-call environmental consultant to evaluate sites located within an approximately one-mile radius of Lynwood Well 11, Compton Well 16, and Lynwood Park Mutual Water Company Well 02. WRD staff will share the data with regulatory staff as part of our existing memorandum of understanding with the Los Angeles Regional Water Quality Control Board (LARWQCB). It is anticipated the data will be used by the regulatory staff to request additional work from potentially responsible parties (PRPs). WRD will also reach out to our grant consultants to see if there are any funding opportunities with the State Water Resources Control Board (SWRCB). Results of our work will be brought back to update the Committee.

### **FISCAL IMPACT**

None



**STAFF RECOMMENDATION**

The Groundwater Quality Committee receive and file the report.

**MEMORANDUM****ITEM NO. 6**

**DATE: APRIL 9, 2019**

**TO: GROUNDWATER QUALITY COMMITTEE**

**FROM: ROBB WHITAKER, GENERAL MANAGER**

**SUBJECT: SAFE DRINKING WATER OUTREACH UPDATE**

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**SUMMARY**

The District administers an ongoing Safe Drinking Water Outreach Program aimed at providing cities, pumpers, and local legislators information about WRD's grant and loan assistance programs for wellhead treatment to protect and improve water quality. District staff participate in outreach activities and education campaigns to inform the public and elected representatives about the efforts WRD takes to ensure safe drinking water and to provide necessary resources to interested parties.

**FISCAL IMPACT**

None

**STAFF RECOMMENDATION**

The Groundwater Quality Committee receive and file the report.