SPECIAL NOTICE REGARDING PUBLIC PARTICIPATION AT MEETINGS OF THE WATER REPLENISHMENT DISTRICT OF SOUTHERN CALIFORNIA (WRD)

The President of the United States and the Governor of California have both declared a State of Emergency as a result of the threat of the novel coronavirus COVID-19. The Governor issued Executive Order N-33-20 which orders all individuals to stay at home, and also Orders N-25-20 and N-29-20 which direct Californians to cancel all large gatherings and allows for teleconferencing of public meetings. Additionally, the County of Los Angeles Department of Public Health issued a Safer At Home Order on April 10, 2020 prohibiting public gatherings or events of any size, and on May 13, 2020 extended the order indefinitely.

To that end, no members of the public will be allowed to attend in-person meetings, including this meeting. Instead, members of the public may teleconference by calling toll free (800) 309-2350 and pressing 9215521# for the Conference ID. You will be able to listen to the meeting, but in order to speak and provide Public Comment, you will need to press Star 5 (*5) on your phone at which time you will be placed in the queue for the eventual opportunity to be un-muted and speak. Consistent with Section 6.2 of the District Administrative Code, speakers will be limited to three minutes. You may also provide your public comments via email to board@wrd.org up to one hour before the meeting is scheduled to begin.

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
   
   To make a Public Comment, press Star (*5) on your phone to be recognized, and when un-muted please announce your name and affiliation. All comments are limited to three minutes consistent with the provisions of the District Administrative Code.

3. **OPERATIONS UPDATE**
   
   *Staff Recommendation:* For discussion and possible action.
4. **GROUNDWATER BASIN UPDATE**  
*Staff Recommendation:* For discussion and possible action.

5. **AUTHORIZATION FOR ONE YEAR LEASE EXTENSION FOR GROUNDWATER MONITORING OPERATIONS FACILITY**  
*Staff Recommendation:* The Water Resources Committee recommends that the Board of Directors authorize the General Manager to execute a one-year lease extension, subject to approval as to form by District Counsel, for the Groundwater monitoring operations facility at 3673 Industry Avenue, #106 in Lakewood, CA for an amount not to exceed $53,760.

6. **WATER RESOURCES PLANNING UPDATE**  
*Staff Recommendation:* For discussion and possible action.

7. **DEPARTMENT REPORT**  
*Staff Recommendation:* For discussion and possible action.

8. **DIRECTORS’ REPORTS, INQUIRIES, AND FOLLOW-UP OF DIRECTIONS TO STAFF**

9. **ADJOURNMENT**  
*The Committee will adjourn to the next meeting currently scheduled on July 21, 2020, at 11:00 AM.*

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In compliance with the Americans with Disabilities Act (ADA), if special assistance is needed to participate in the meeting, please contact 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: JUNE 16, 2020
TO: WATER RESOURCES COMMITTEE
FROM: ROBB WHITAKER, GENERAL MANAGER
SUBJECT: OPERATIONS UPDATE

SUMMARY
The intent of the Operations Update staff report/agenda item is to inform and update members of the Water Resources Committee on a regular and reoccurring basis about operational matters, technical issues and various multi-agency strategies in regards to all of the District’s current and planned operational facilities.

Terminal Island Water Reclamation Plant (TIWRP) / Dominguez Gap Barrier Project (DGBP) Update

Highlights from the TIWRP / DGBP include the following:

- LASAN is continuing to work with the County to maximize flow to the Barrier, with the current demand of approximately 21 acre-feet (AF) per day and TITP delivering 17AF/day.
- LADWP completed hydraulic modeling to evaluate the delivery pressures after correcting errors in the previous model. Results were submitted to the LA County Department of Public Works (LACDPW).
- LACDPW is evaluating adjusting the imported water pressure regulating valve (PRV) to assist in lowering the barrier pressure, thus allowing more recycled water to be delivered.
- Membrane replacement project has been completed with no issues to report.
- TITP has scheduled a shutdown for July for new equipment installation. The project to replace the plant chemical delivery system has been placed on hold.
- WRD is working to provide the updated groundwater model for the 5-yr Engineering Report.
• WRD staff is engaged in ongoing discussions with LADWP regarding TITP online time & delivery rate and the two pending construction projects (2nd Gap Connection and Potable Backup System).
• WRD staff is continuing to lead bimonthly operations conference calls with LADWP and LASAN.

**Torrance Desalter Update**

Highlights from the Torrance Desalter include the following:

• Production totaled approximately 180AF for the month of May (vs. 303AF in April). The reduction in plant production was due to failure of the variable frequency drive (VFD) that controls the City Yard Well. Parts were ordered, received and service completed, with the well returned to service on June 4, 2020.
• Torrance Water Department staff continue to exercise precautionary measures related to COVID-19 – limiting Desalter access to essential staff. No impact to immediate staff has been reported.

**Leo J. Vander Lans Facility (LVL) Update**

Highlights from the LVL facility include the following:

• Operations continue to be transitioned from the Long Beach Water Department (LBWD) to PERC Water during the month of May. On-site Operations support by the LBWD ended on May 31st, with the LBWD operators turning in all keys. WRD proceeded to change out all facility and equipment locks – returning all locks to the LBWD. Efforts continue to transition the Sampling and Reporting activities, with PERC Water now assuming the lead role in these tasks. It is estimated that the transition will be completed by the end of June.
• As part of the transition, WRD continues the process of on-boarding permits, contracts and other operational responsibilities previously maintained by the LBWD.
• During the month of May, 370AF of water supplied the barrier – 244AF from the LB07A connection and 126AF from LVL.
• PERC Water staff continue to implement and exercise precautionary measures among its staff as well as vendors visiting the site as it pertains to COVID-19.

**Albert Robles Center (ARC) Update**

Highlights from the ARC facility include the following:

• During the month of May, production totaled approximately 1,125AF vs. 926AF in April. Since January 2020’s monthly production total of 882AF, production has continued to trend upward. Production summary is as follows:
- Annual target: 10,000AF
- Production to date: 4,673AF
- Balance: 5,327AF
- The treatment plant operated smoothly during the month of May. Maintenance, including oil changes, were performed on the reverse osmosis (RO) feed pump motors and a number of ultrafiltration (UF) pump motors. A chemical cleaning was also performed on primary RO Trian #1 during this time.
- As reported previously, the ARC site continues to operate with limited staff performing basic functions during COVID-19. Operations staff continue to exercise precautionary measures during this time.

**FISCAL IMPACT**

None

**STAFF RECOMMENDATION**

For discussion and possible action.
DATE: JUNE 16, 2020
TO: WATER RESOURCES COMMITTEE
FROM: ROBB WHITAKER, GENERAL MANAGER
SUBJECT: GROUNDWATER BASIN UPDATE

SUMMARY
Staff monitors groundwater conditions in its service area throughout the year. A summary of the latest information is attached.

FISCAL IMPACT
None

STAFF RECOMMENDATION
For discussion and possible action.
GROUNDWATER BASINS AT A GLANCE*

* - Preliminary numbers, subject to change.
SUMMARY

Staff monitors groundwater conditions in its service area throughout the year. A summary of the latest information is presented below.


The WRD precipitation index reports that for the 2019-20 Water Year, there has been 14.56 inches of rainfall. The normal rainfall for this time period is 15.26 inches, so the District is 95% of normal. As of May 26, 2020, the U.S. Drought Monitor is reporting 58% of the State is abnormally dry, 47% under moderate drought, 21% under severe, and 3% under extreme drought conditions.

Snowpack (Snow Water Content [SWE] as of April 30, 2020)

In 1929, the State established the California Cooperative Snow Surveys Program with the California Department of Water Resources as the coordinator. Today, over 50 state, national, and private agencies collaborate in collecting snow data from over 300 snow courses with more than 60 of the courses being the original courses established in the early 1900s. The average snow course is 1,000 feet long and consist of about 10 sample points. Anywhere from two to six courses are measured per day depending on weather and access method.

The snow survey is completed using a snow sampling tube equipped with a cutter on the end that is driven through the snow measuring the depth and obtaining a snow core. The snow core is then weighed and the snow water content (or snow water equivalent) calculated. The surveys are completed throughout the winter by returning to the same sample points throughout the season to observe the changing conditions. From February through May the data is used by the State to forecast snow melt runoff. Many snow courses are only measured on or around April 1st, and since it is presumed that the snow accumulates up to April 1st and melts thereafter, April 1st is the benchmark for historic data comparisons.
Northern Sierra Nevada – 0.5 in., 9% of normal to date and 2% of April 1st average
Central Sierra Nevada – 0.2 in., 3% of normal to date and 1% of April 1st average
Southern Sierra Nevada – 0.2 in., 3% of normal to date and 1% of April 1st average
Statewide Summary – 0.3 in., 3% of normal to date and 1% of April 1st average

This will be the last Department of Water Resources - Snow Pack Report presented for Water Year 2019-20.
Reservoirs (as of May 31, 2020)

For all 16 reservoirs reported monthly to the committee, water levels have increased in 8 reservoirs compared to levels recorded in the previous month and decreased in 8 reservoirs. The largest increase (0.37 million acre feet) occurred at Lake Powell. The smallest increase (<0.00 million acre feet) occurred at Lake Silverwood. The largest decrease (-0.42 million acre feet) occurred at Lake Mead. The smallest decrease (<0.00 million acre feet) occurred at Lake Perris.

These 16 reservoirs are at 55% capacity (40.01 million acre feet) which is up 0.04 million acre feet from the prior month (0.11 million acre feet State Water Project [SWP] and -0.08 million acre feet Colorado River Aqueduct [CRA]).

MWD Reservoirs (SWP)

<table>
<thead>
<tr>
<th>Reservoir</th>
<th>Capacity</th>
<th>Storage</th>
<th>% Full</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trinity Lake</td>
<td>2.45</td>
<td>1.87</td>
<td>76%</td>
<td>-0.05</td>
</tr>
<tr>
<td>Lake Shasta</td>
<td>4.55</td>
<td>3.53</td>
<td>78%</td>
<td>-0.14</td>
</tr>
<tr>
<td>Lake Oroville</td>
<td>3.54</td>
<td>2.43</td>
<td>69%</td>
<td>-0.05</td>
</tr>
<tr>
<td>Folsom Lake</td>
<td>0.98</td>
<td>0.79</td>
<td>81%</td>
<td>0.08</td>
</tr>
<tr>
<td>New Melones</td>
<td>2.40</td>
<td>1.84</td>
<td>76%</td>
<td>-0.07</td>
</tr>
<tr>
<td>Don Pedro</td>
<td>2.03</td>
<td>1.77</td>
<td>87%</td>
<td>0.05</td>
</tr>
<tr>
<td>Lake McClure</td>
<td>1.02</td>
<td>0.79</td>
<td>77%</td>
<td>0.05</td>
</tr>
<tr>
<td>San Luis</td>
<td>2.04</td>
<td>1.30</td>
<td>64%</td>
<td>-0.20</td>
</tr>
<tr>
<td>Millerton Lake</td>
<td>0.52</td>
<td>0.45</td>
<td>87%</td>
<td>0.30</td>
</tr>
<tr>
<td>Pine Flat</td>
<td>1.00</td>
<td>0.82</td>
<td>82%</td>
<td>0.12</td>
</tr>
<tr>
<td>Castaic Lake</td>
<td>0.33</td>
<td>0.30</td>
<td>92%</td>
<td>0.01</td>
</tr>
<tr>
<td>Lake Perris</td>
<td>0.13</td>
<td>0.12</td>
<td>92%</td>
<td>0.00</td>
</tr>
<tr>
<td>Silverwood</td>
<td>0.08</td>
<td>0.07</td>
<td>88%</td>
<td>0.00</td>
</tr>
</tbody>
</table>

MWD Reservoirs (CRA)

<table>
<thead>
<tr>
<th>Reservoir</th>
<th>Capacity</th>
<th>Storage</th>
<th>% Full</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Powell</td>
<td>24.32</td>
<td>12.23</td>
<td>50%</td>
<td>0.37</td>
</tr>
<tr>
<td>Mead</td>
<td>26.12</td>
<td>10.97</td>
<td>42%</td>
<td>-0.42</td>
</tr>
<tr>
<td>DVL</td>
<td>0.81</td>
<td>0.74</td>
<td>91%</td>
<td>-0.03</td>
</tr>
</tbody>
</table>

Black Text - Decrease or no change in storage since the last report. Green Text - Increase in storage since the last report.

Charts illustrating Lake Shasta (SHA) and Lake Oroville (ORO) are currently draining.
Groundwater Levels (through May 29, 2020)

Groundwater levels in key monitoring wells are shown in the hydrographs below.

<table>
<thead>
<tr>
<th>Well Name</th>
<th>Since Last Report</th>
<th>Since Same Time the Previous Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Central Basin Key Well 1601T</td>
<td>Decreased 2.0 feet</td>
<td>Increased 0.9 feet</td>
</tr>
<tr>
<td>Central Basin Key Well Long Beach #6_4</td>
<td>Decreased 53.4 feet</td>
<td>Increased 24.1 feet</td>
</tr>
<tr>
<td>West Coast Basin Key Well Lawndale #1_4</td>
<td>Increased 0.1 feet</td>
<td>Increased 1.0 feet</td>
</tr>
<tr>
<td>West Coast Basin Key Well Carson #1_2</td>
<td>Increased 1.18 feet</td>
<td>Increased 2.31 feet</td>
</tr>
</tbody>
</table>

**Bold** indicates a change in direction (decreasing or increasing) since the last report.
Optimum and Minimum Groundwater Quantity

In response to a 2002 State audit of the District’s activities, the Board of Directors adopted an Optimum and Minimum Quantity for groundwater in the District to define an appropriate operating range that would sustain adjudicated pumping rights, leave room for future storage projects, and identify a lower limit. The amounts are based on the accumulated overdraft concept, which the District tracks year by year based on changes in groundwater storage.

After an extensive review of over 70 years of water level fluctuations and discussions with the Board and pumping community, Water Year 1999/2000 was recognized as a representative year for the Optimum Quantity, which equated to an accumulated overdraft of approximately 612,000 acre feet. The Minimum Quantity was defined as an accumulated overdraft of 900,000 acre feet, which allowed an operating range from 0 acre feet (minimum) to 288,000 acre feet (optimum). The Board also adopted a policy to make-up the groundwater deficit should the accumulated overdraft fall too far below the Optimum Quantity.

The Accumulated Overdraft as of May 29, 2020, has been estimated at 733,605 acre feet (subject to change), which is 166,395 acre feet above the Minimum Groundwater Quantity and 121,605 acre feet below the Optimum Quantity. The Basin is at 58% of Optimum Quantity which is down 2% from last month.
Montebello Forebay Spreading Grounds (July 2019 - April 2020)

The following Chart shows the preliminary spreading grounds replenishment water:

For the Fiscal Year 2019-20, no imported water purchases are anticipated.

Local water (stormwater plus dry weather urban runoff) is captured by the Los Angeles County Department of Public Works (LACDPW) at the spreading grounds for recharge. Local water amounts are determined as the sum of the total waters conserved at the spreading grounds less the imported and recycled water deliveries. For the first ten months of the 2019-20 Fiscal Year, approximately 35,174 acre feet of local water capture has been reported by the LACDPW.
Preliminary numbers for the first ten months of the 2019-20 Fiscal Year show that approximately 48,774 acre feet of recycled water has been recharged with 6,828 AF consisting of advanced treat water from the ARC AWTF. Presuming the advanced treated water as “Null Water” the 120-month running average of recycled water contribution in the Montebello Forebay is 38.4% and the regulatory maximum is 45%, with additional studies and monitoring being required once 40% is reached.

**Tertiary Recycle Water Permit Update**

Following extensive collaboration between the District and LACSD, the Workplan required by the SWRCB - Division of Drinking Water and LARWQCB regarding the use of tertiary treated recycled water at the Montebello Forebay Spreading Grounds was submitted on November 18, 2019. Upon receipt of comments on the Workplan from the State of California, the District and LACSD will proceed with finalizing the preparation and submittal of the new Title 22 Engineering Report. In anticipation of receiving comments in late spring 2020, staff is continuing to work with the LACSD on developing the known components of the new Title 22 Engineering Report. A preliminary scoping meeting and a follow-up strategy meeting were held on November 26, 2019, and January 27, 2020, respectively. Staff is working collaboratively with the LACSD preparing draft sections of the engineering report.
Seawater Barrier Well Injection and Replenishment (July 2019 - April 2020)

The following chart shows the barrier water injection:

Preliminary numbers for the first 10 months of the 2019-20 Fiscal Year show that the West Coast Barrier has used 13,004 acre feet of the total 17,000 acre feet planned for injection, 76% of total for the Fiscal Year. The Dominguez Gap Barrier used 6,473 acre feet of the total 7,500 acre feet planned for injection, 86% of the total for the Fiscal Year. The Alamitos Barrier, on the WRD side, used 2,902 acre feet of the total 4,500 acre feet planned for injection, 64% of the total for the Fiscal Year.
Assessible Pumping (Fiscal Year July 2019 – April 2020)

Preliminary numbers for groundwater production in the District for the Fiscal Year 2019-20 (July 2019 – April 2020) indicate pumping in the Central Basin was down 5,844 acre feet from the same time of the previous fiscal year (-4.0%) and the West Coast Basin pumping was 224 acre feet higher than the previous fiscal year (1.0%). The total pumping is 163,135 acre feet compared to 168,755 acre feet during the same time the previous year for a decrease of 5,620 acre feet, or -3.3%. The current pumping data do not include eight Central Basin pumpers and two West Coast Basin pumpers who have not yet reported.
Preliminary numbers indicate 163,135 acre feet have been pumped this fiscal year and is 7.2% below the projected goal of 175,726 acre feet (or -12,591 acre feet). Monthly actual production versus 6-year average monthly production projections (FY 2014 through 2019) are included in the chart below.

![Fiscal Year 2020 Monthly Groundwater Pumping in Acre Feet](image)

Footnote: *Projection based on average monthly pumping between FY 2014 & 2019*
For the Fiscal Year 2019-20 (July 2019 – April 2020), staff has tracked the production trends of the top five (5) producing pumpers and the bottom five (5) producing pumpers in each basin. These pumpers are identified in the following tables and are based on the change in volume (in acre feet) compared to the same time period for the previous Fiscal Year.

### Production Trends - Central Basin

<table>
<thead>
<tr>
<th>Top 5 Producing by Volume (AF)</th>
<th>July 2018 - Apr 2019</th>
<th>July 2019 - Apr 2020</th>
<th>Difference</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Whittier, City of</td>
<td>3,645.28</td>
<td>4,671.64</td>
<td>1,026.36</td>
<td>28.16%</td>
</tr>
<tr>
<td>Cerritos, City of</td>
<td>6,370.75</td>
<td>7,114.31</td>
<td>743.56</td>
<td>11.67%</td>
</tr>
<tr>
<td>California Water Service Company (East LA)</td>
<td>7,420.52</td>
<td>7,943.33</td>
<td>522.81</td>
<td>7.05%</td>
</tr>
<tr>
<td>Paramount, City of</td>
<td>4,112.31</td>
<td>4,573.08</td>
<td>460.77</td>
<td>11.20%</td>
</tr>
<tr>
<td>Lynwood, City of</td>
<td>4,040.79</td>
<td>4,275.71</td>
<td>234.92</td>
<td>5.81%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bottom 5 Producing by Volume (AF)</th>
<th>July 2018 - Apr 2019</th>
<th>July 2019 - Apr 2020</th>
<th>Difference</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Long Beach, City of</td>
<td>22,609.74</td>
<td>19,154.60</td>
<td>-3,455.14</td>
<td>-15.28%</td>
</tr>
<tr>
<td>Lakewood, City of Water Department</td>
<td>7,727.53</td>
<td>5,456.55</td>
<td>-2,270.98</td>
<td>-29.39%</td>
</tr>
<tr>
<td>Golden State Water Company</td>
<td>17,623.32</td>
<td>16,427.87</td>
<td>-1,195.45</td>
<td>-6.78%</td>
</tr>
<tr>
<td>San Gabriel Valley Water Company</td>
<td>1,398.23</td>
<td>696.73</td>
<td>-701.50</td>
<td>-50.17%</td>
</tr>
<tr>
<td>Downey, City of</td>
<td>11,955.13</td>
<td>11,480.84</td>
<td>-474.29</td>
<td>-3.97%</td>
</tr>
</tbody>
</table>

### Production Trends – West Coast Basin

<table>
<thead>
<tr>
<th>Top 5 Producing by Volume (AF)</th>
<th>July 2018 - Apr 2019</th>
<th>July 2019 - Apr 2020</th>
<th>Difference</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inglewood, City of</td>
<td>978.18</td>
<td>2,824.59</td>
<td>1,846.41</td>
<td>188.76%</td>
</tr>
<tr>
<td>Tesoro Refining &amp; Marketing Co., LLC</td>
<td>3,205.50</td>
<td>3,883.18</td>
<td>677.68</td>
<td>21.14%</td>
</tr>
<tr>
<td>Phillips 66 Company</td>
<td>3,713.09</td>
<td>4,341.07</td>
<td>627.98</td>
<td>16.91%</td>
</tr>
<tr>
<td>Rolling Hills Country Club</td>
<td>87.00</td>
<td>283.00</td>
<td>196.00</td>
<td>225.29%</td>
</tr>
<tr>
<td>Roman Catholic Archbishop of Los Angeles</td>
<td>209.34</td>
<td>223.67</td>
<td>14.33</td>
<td>6.85%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bottom 5 Producing by Volume (AF)</th>
<th>July 2018 - Apr 2019</th>
<th>July 2019 - Apr 2020</th>
<th>Difference</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Golden State Water Company</td>
<td>4,167.69</td>
<td>2,750.80</td>
<td>-1,416.89</td>
<td>-34.00%</td>
</tr>
<tr>
<td>Lomita, City of</td>
<td>446.29</td>
<td>1.94</td>
<td>-444.35</td>
<td>-99.57%</td>
</tr>
<tr>
<td>Torrance Refining &amp; Marketing Company</td>
<td>919.39</td>
<td>624.38</td>
<td>-295.01</td>
<td>-32.09%</td>
</tr>
<tr>
<td>West Basin Brewer Desalter</td>
<td>391.03</td>
<td>119.61</td>
<td>-271.42</td>
<td>-69.41%</td>
</tr>
<tr>
<td>California Water Service Co./Hawthorne Lease</td>
<td>770.69</td>
<td>540.27</td>
<td>-230.42</td>
<td>-29.90%</td>
</tr>
</tbody>
</table>
MEMORANDUM

ITEM NO. 5

DATE: JUNE 16, 2020
TO: WATER RESOURCES COMMITTEE
FROM: ROBB WHITAKER, GENERAL MANAGER
SUBJECT: AUTHORIZATION FOR ONE YEAR LEASE EXTENSION FOR GROUNDWATER MONITORING OPERATIONS FACILITY

SUMMARY
WRD’s groundwater monitoring programs have been storing and operating field supplies, equipment, and vehicles from leased warehouse space at 3673 Industry Avenue, #106 in Lakewood for the past several years. Additionally, the space has been used for long-term administrative and accounting records storage as well as storage space for communications, education and outreach materials. The current lease will terminate on July 31st, 2020.

Although the District’s Field Operations and Storage Annex property will be the future home for these activities, it will not be ready for move-in for over a year and is currently being utilized by Simmons Subaru for car storage. Therefore, a 1-year lease extension is needed at the current facility to maintain operations and storage capabilities until the District’s facility is designed and constructed.

The property owner, Surf Management, Inc. has provided a Lease Extension agreement for 1-year (attached), which has been reviewed by District Counsel.

FISCAL IMPACT
The 1-Year Lease Extension will be $4,480.00 per month, or $53,760 total for the year, which is the same as FY 2019-20. This is an anticipated and budgeted item under Project 011 – Groundwater Monitoring in the adopted budget for FY 2020-21.

STAFF RECOMMENDATION
The Water Resources Committee recommends that the Board of Directors authorize the General Manager to execute a one-year lease extension, subject to approval as to form by District Counsel, for the Groundwater monitoring operations facility at 3673 Industry Avenue, #106 in Lakewood, CA for an amount not to exceed $53,760.
LEASE EXTENSION

Date: May 1, 2019

RE: 3673 Industry Avenue, #106, Lakewood, CA 90712

The undersigned hereby agree to extend that certain lease dated June 26, 2012 between WATER REPLENISHMENT DISTRICT OF SOUTHERN CALIFORNIA and 3673 INDUSTRY AVENUE, LLC for one (1) year(s) commencing August 1, 2020 and ending July 31, 2021 at a monthly rent of $4,480.00 payable in advance on the first day of each month.

ALL OTHER TERMS AND CONDITIONS OF SAID LEASE WILL REMAIN IN FULL FORCE AND EFFECT AND ARE IN NO WAY AFFECTED BY THIS RENEWAL.

LESSEE: WATER REPLENISHMENT DISTRICT OF SOUTHERN CALIFORNIA

BY: ___________________________ DATE: ___________________________
    Robb Whitaker, General Manager

LESSOR: 3673 INDUSTRY AVENUE, LLC

BY: ___________________________ DATE: ___________________________
    Steven P. Fechner, Manager of LLC

Please return to: Surf Management, Inc., P.O. Box 3217, Torrance, CA 90510 Phone 310/533-5900
MEMORANDUM
ITEM NO. 7

DATE: JUNE 16, 2020
TO: WATER RESOURCES COMMITTEE
FROM: ROBB WHITAKER, GENERAL MANAGER
SUBJECT: WATER RESOURCES PLANNING UPDATE

SUMMARY
WRD’s Water Resources department works with the Board of Directors to develop the District’s strategic goals and initiatives and provides future program planning to ensure the necessary programs and projects are in-place to meet these goals. Included below is a summary of the major planning efforts currently in-progress and recent developments within those efforts. A verbal update will be provided on each item.

Regional Brackish Water Reclamation Program
The Water Replenishment District of Southern California (WRD) is responsible for managing and replenishing both the West Coast and Central Basins. Within the West Coast Basin a significant brackish water plume (approx. 600,000 acre feet) has been trapped due to seawater intrusion and the implementation of the West Coast Seawater Intrusion Barrier. WRD has initiated a Regional Brackish Water Reclamation Program (Program) to evaluate the feasibility of remediating the plume, working in partnership with six additional stakeholders pump and wholesale potable water within the basin. A feasibility study was initiated as the first step to determining how to remediate this plume to allow for future groundwater use within the basin.

WRD/LADWP Joint Los Angeles Basin Master Plan
The Water Replenishment District (WRD) and Los Angeles Department of Water and Power (LADWP) have been working collaboratively to establish a partnership on several projects and programs with overlapping objectives. Both staffs have been working towards mutually beneficial goals of utilizing all recycled water in the Los Angeles Basin as well as recharging and utilizing storage available in the West and Central groundwater basins in a sustainable fashion. A Memorandum of Understanding (MOU) has been developed and approved by LADWP and WRD to work together on a joint master plan effort.

In February 2019, WRD and LADWP initiated the joint master plan effort to evaluate the available assets within the greater Los Angeles area within the following three categories:

1. Sustainable recycled water supplies available;
2. Locations, infrastructure and treatment to get new recycled water into and out of the ground; and

3. Locations, infrastructure and treatment to get new water out of the ground.

Los Angeles County Sanitation Districts Joint Outfall System Water Recycling Fund – Potential Recycled Water Projects

Wastewater (i.e. brine) generated by the District’s Albert Robles Center AWTF in Pico Rivera will be discharged to the existing sewer system, which is owned and operated by the County Sanitation Districts of Los Angeles County (LACSD). Based on the brine flows and water quality anticipated from the AWTF, LACSD has calculated the sewer connection fee to be $15,863,166.90. In December 2018, LACSD modified their Connection Fee Ordinance to create a Joint Outfall System Water Recycling Fund where the entire connection fee paid by WRD will be used for projects that improve quantity and/or quality of recycled water for the benefit of WRD. WRD and LACSD staff have begun initial planning efforts to evaluate potential projects that would satisfy this description and provide benefit to both agencies and the region.

MWD/LACSD Regional Recycled Water Program

The Metropolitan Water District of Southern California (MWD) and the Sanitation Districts of Los Angeles County (LACSD) are currently completing a demonstration plant at the LACSD Joint Water Pollution Control Plant (JWPCP) wastewater treatment facility in Carson to produce 500,000 gallons per day, or 560 acre-feet per year, of advanced treated recycled water. The facility will generate information needed for future design and construction of a full-scale recycled water plant producing as much as 150 million gallons per day, or 168,000 acre-feet per year. Since 2016, WRD and MWD have worked collaboratively to evaluate potential groundwater recharge and storage opportunities that will take advantage of this new source of recycled water. MWD’s project concepts currently include conveyance of water from Carson to the Montebello Forebay for injection or spreading, to the West Coast Basin as a potential replenishment source for extraction associated with WRD’s Regional Brackish Water Reclamation Program, to the Long Beach area for injection and storage, to oil refineries, or possibly to water treatment facilities as a new raw water augmentation source.

Los Angeles County Safe, Clean Water Program

In 2018, Los Angeles County residents voted to approve Measure W – a public funding measure to capture, treat, reuse, and infiltrate stormwater. The County’s implementation of Measure W is the Safe, Clean Water Program. The Program will generate approximately $300 million per year from a special parcel tax of 2.5 cents per square foot of impermeable surface area on private property in the Los Angeles County Flood Control District. WRD has been appointed to serve as the Groundwater Management Agency representative for three steering committees: Lower Los Angeles River, Lower San Gabriel River, and the South Santa Monica Bay Watershed Area.

WRD Per- and polyfluoroalkyl Substances (PFAS) Planning

WRD staff have initiated an internal PFAS Working Group that includes representatives from the Executive Management team, as well as the Hydrogeology, Engineering, Water Resources Planning, and External Affairs departments. The intent of the Working
Group is to determine impacts to the groundwater basins and the pumping community that are related to PFAS and to develop solutions that address technical issues, determine funding needs and sources, and provide outreach support.

**FISCAL IMPACT**
None

**STAFF RECOMMENDATION**
For discussion and possible action.