Cooperative Agreement to Protect Water Quality and Encourage the Conjunctive Uses of Imported Water in the Santa Ana River Basin

Imported Water Recharge Cooperative Agreement Workgroup
June 28, 2018
Parties

- California Regional Water Quality Control Board
- Water Agencies
  - City of Corona
  - Eastern Municipal Water District
  - Elsinore Valley Municipal Water District
  - Orange County Water District
  - City of Riverside
  - San Bernardino Valley Municipal Water District
  - San Gorgonio Pass Water Agency
  - Western Municipal Water District
Goals of the Agreement

- Encourage use of imported water in the Santa Ana River Basin
- Meet salinity objectives in 1995 Water Quality Control Plan, as amended by R8-2004-0001
- Encourage voluntary transfers of water and water rights
- Provide a different approach than the general waste discharge requirements
- Collect, compile and analyze N/TDS data for imported supplies
Imported Water Supplies

State Water Project

Colorado River
TDS for Imported Supplies

- Colorado River: 628
- SWP: 247
- SWP (CA Water Fix): 147
- Basin Plan (lowest SWP): 230
- Basin Plan (lowest CR): 580
Current Reporting Cycle

Modeling
(every 6 years)

Summary
(every 3 years)
Recharge Areas (Basins) in Flow Order

**Upper Watershed (East)**
- Beaumont
- Yucaipa
- San Timoteo

**Upper Watershed (West)**
- Bunker Hill A and B
- Lytle
- Rialto and Colton

**Middle**
- Riverside A – F
- Arlington
- Temescal and Elsinore

**Lower**
- Orange County
<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>2004</td>
<td>Max Benefit Beaumont, Yucaipa and San Timoteo</td>
</tr>
<tr>
<td>2008</td>
<td>Co-op Agreement (10-year term, auto renews)</td>
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<tr>
<td>2009</td>
<td>First reports due</td>
</tr>
<tr>
<td>2010</td>
<td></td>
</tr>
<tr>
<td>2011</td>
<td>MOU, Modeling report, Summary reports</td>
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<tr>
<td>2012</td>
<td>Modeling Report</td>
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<tr>
<td>2013</td>
<td></td>
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<tr>
<td>2014</td>
<td>Modeling Report</td>
</tr>
<tr>
<td>2015</td>
<td>Summary Reports, Modeling Reports</td>
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<tr>
<td>2016</td>
<td>Modeling Report</td>
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<tr>
<td>2017</td>
<td></td>
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<tr>
<td>2018</td>
<td>First term ends, Terms reviewed, Modeling Report Due</td>
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</table>
Maximum Benefit vs Cooperative Agreement

**Max Benefit**

- **Ultimate** WQ objective
- Monitoring to ensure compliance

**Co-Op Agreement**

- WQ projection (20 years)
- Monitoring between modeling
WQ Modeling

Maximum Benefit (GW & SW)
- Modeling to determine ultimate objective
- Considers all sources
- Monitoring required

Basin Monitoring Program Task Force (SW)
- Wasteload Allocation Model (20-year projection) 10-year interval
- Considers all sources
- Ambient Water Quality (3-year interval)

Cooperative Agreement (GW)
- 20-year projections (6-year interval)
- Summary (3-year interval)
- Considers all sources
## Proposed Changes to the Agreement Terms

<table>
<thead>
<tr>
<th>With Maximum Benefit</th>
<th>Without Maximum Benefit</th>
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</thead>
<tbody>
<tr>
<td>• Agree to be a member of the Basin Monitoring Program Task Force</td>
<td>• Agree to be a member of the Basin Monitoring Program Task Force</td>
<td>• Change frequency of reporting</td>
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<tr>
<td>• No additional monitoring or reporting required under this agreement</td>
<td></td>
<td>• Twenty (20) year modeling projections every 10 years</td>
</tr>
<tr>
<td></td>
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<td>• Monitoring reports every 6 years</td>
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</tbody>
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