

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

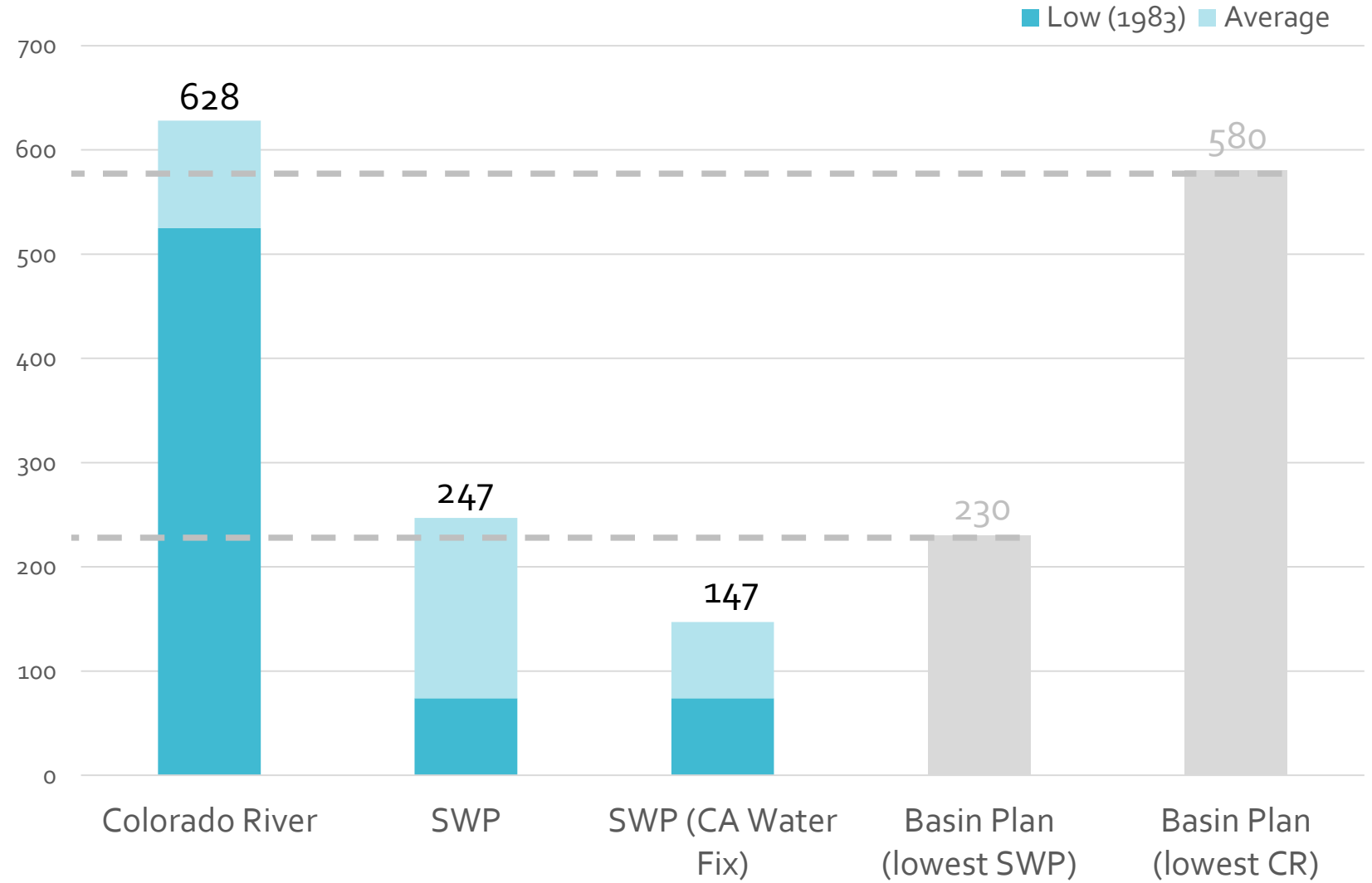
State Water Project



Colorado River



TDS for Imported Supplies



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

Timeline

2004	2008	2009	2010	2011	2012	2013
<ul style="list-style-type: none">• Max Benefit Beaumont, Yucaipa and San Timoteo	<ul style="list-style-type: none">• Co-op Agreement (10-year term, auto renews)	<ul style="list-style-type: none">• First reports due			<ul style="list-style-type: none">• MOU• Modeling report• Summary reports	<ul style="list-style-type: none">• Modeling Report
2014	2015	2016	2017	2018		
<ul style="list-style-type: none">• Modeling Report	<ul style="list-style-type: none">• Summary Reports• Modeling Reports	<ul style="list-style-type: none">• Modeling Report		<ul style="list-style-type: none">• First term ends• Terms reviewed• Modeling Report Due		

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

With Maximum Benefit

- Agree to be a member of the Basin Monitoring Program Task Force
- No additional monitoring or reporting required under this agreement

Without Maximum Benefit

- Agree to be a member of the Basin Monitoring Program Task Force

Without Maximum Benefit

- Change frequency of reporting
 - Twenty (20) year modeling projections every 10 years
 - Monitoring reports every 6 years