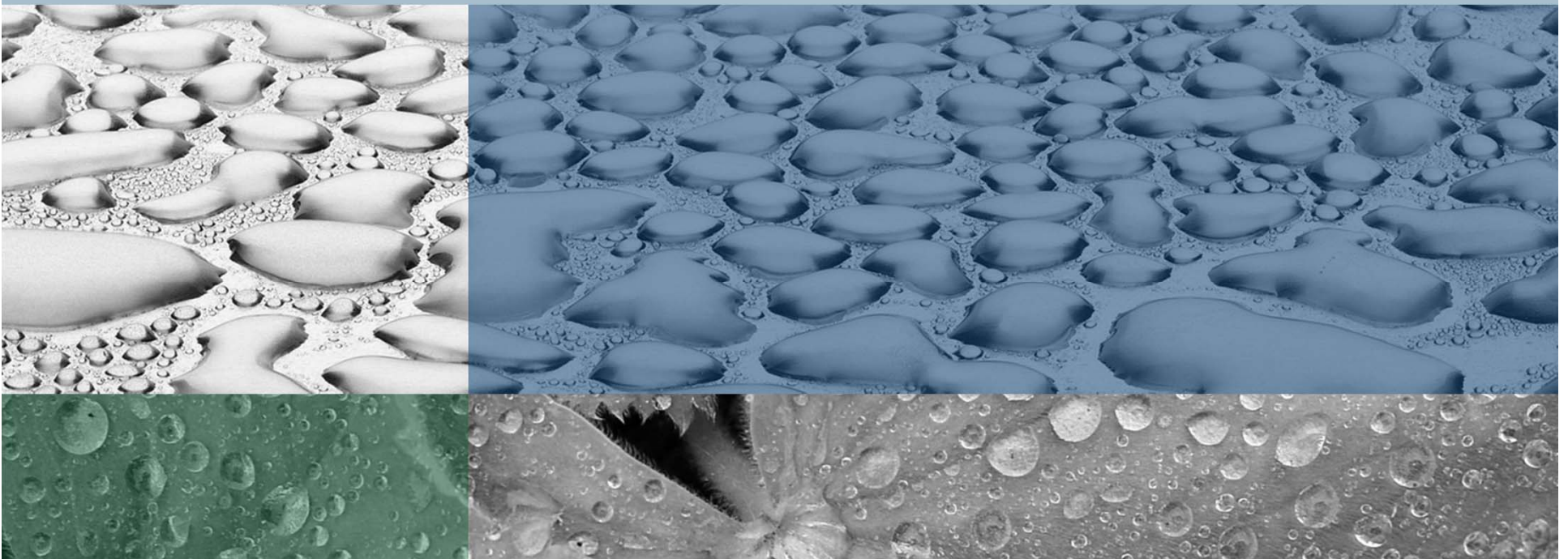


San Diego IRWMP *Regional Advisory Committee Meeting #54*



February 4, 2015



Agenda

- Welcome and Introductions
- Imported Water Supply Reliability
 - Colorado River Basin Water Supply and Demand Study
 - California Water Plan Update
- Basin Plan Triennial Review Workshop
- IRWM Grant Program
- Next RAC Meeting
- Summary and Thanks



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Welcome New RAC Members!

Members Serving 2015-2018 RAC Term

- Regional Water Management Group (3)
 - City of San Diego
 - County of San Diego
 - San Diego County Water Authority
- Water Supply (5)
 - Retail (North – Inland): Greg Thomas, Rincon
 - Retail (North – Coastal): Bill Hunter, SFID
 - Retail (East County): Brian Olney, Helix
 - Retail (South County)
 - Retail (At Large)
- Water Quality (6)
 - Stormwater (North County)
 - Stormwater (South/East): Chris Helmer, Imperial
 - Water Quality (NGO): Travis Pritchard, Coastkeeper
 - Water Quality (NGO)
 - WW/RW (Metro JPA)
 - WW/RW (Non-Metro JPA): Mike Thornton, SEJPA
- Natural Resources & Watersheds (5)
 - Water Conservation (NGO)
 - Protection and Restoration (NGO): Phil Pryde, SDRPF
 - Protection and Restoration (NGO)
 - Recreation
 - Coastal Ecosystems
- DAC/Environmental Justice (2)
 - Urban DAC
 - Rural DAC: Joni Johnson, RCAC
- Other (7)
 - Flood Management: Mark Seits, Floodplain Mgmt.
 - Business Community: Michael McSweeney, BIA
 - Agriculture
 - Tribal: John Flores, San Pasqual
 - Land Use Planning
 - At Large: Ann Van Leer, Escondido Creek Conservancy
 - At Large

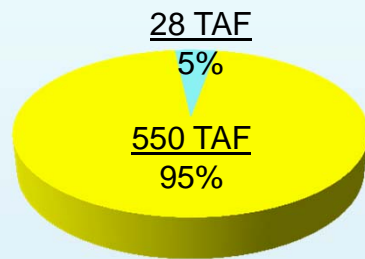


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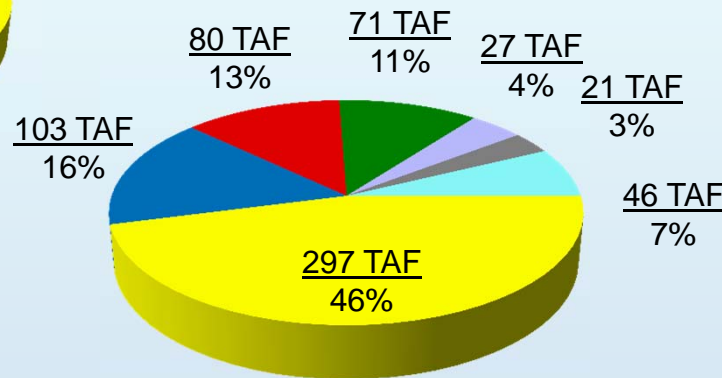
Imported Water Supply Reliability

1991



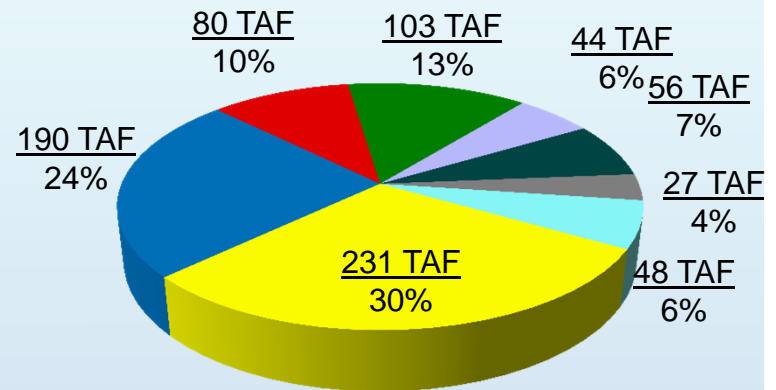
Portfolio Total = 578 TAF

2013

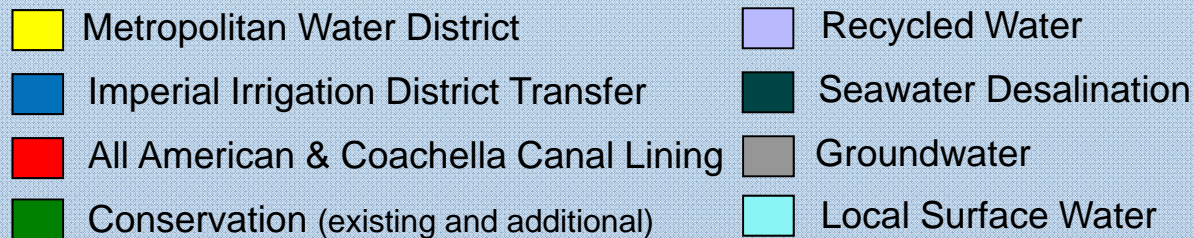


Portfolio Total = 645 TAF

2020

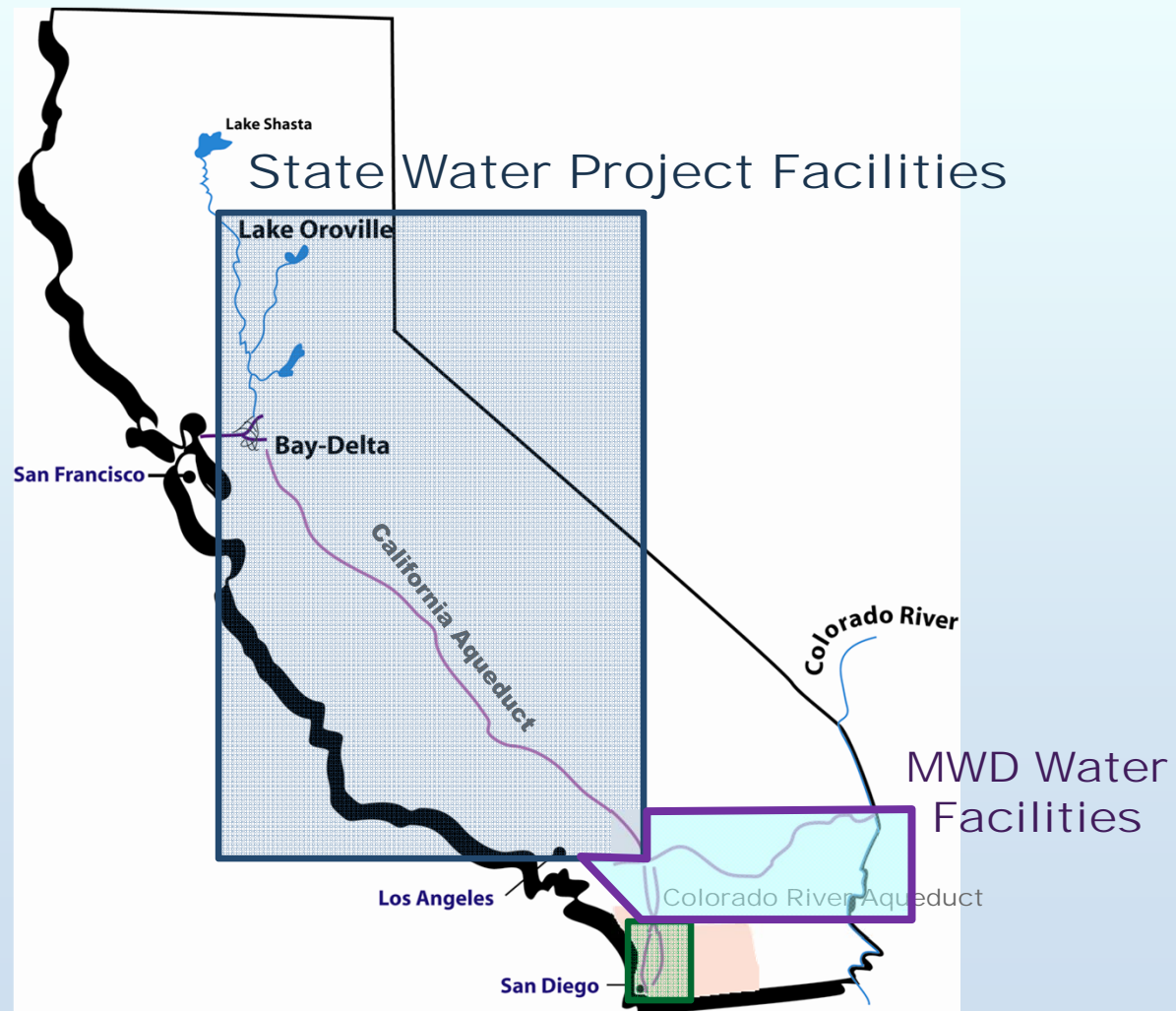


Portfolio Total = 779 TAF

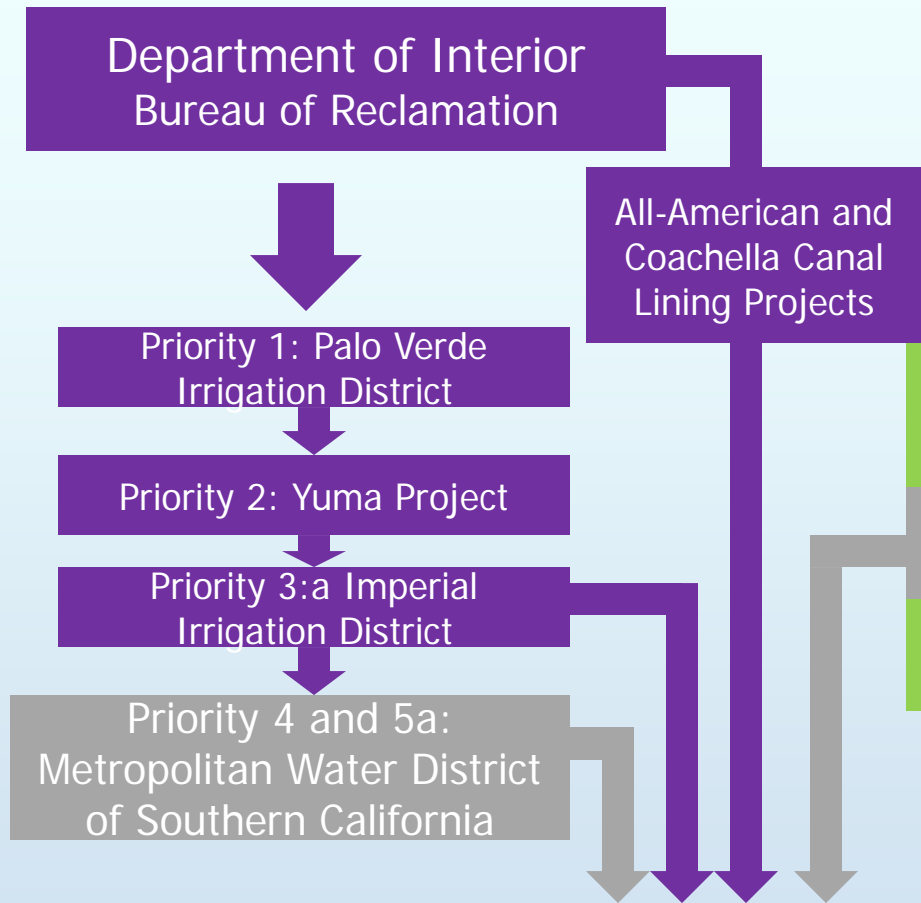


TAF= Thousand Acre-Feet

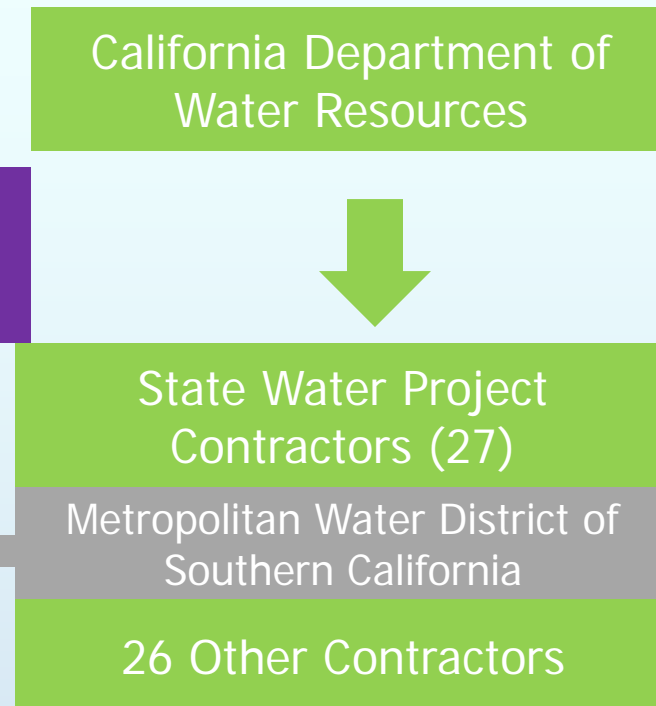
Imported Water Supply Reliability



Colorado River Supplies



State Water Project Supplies



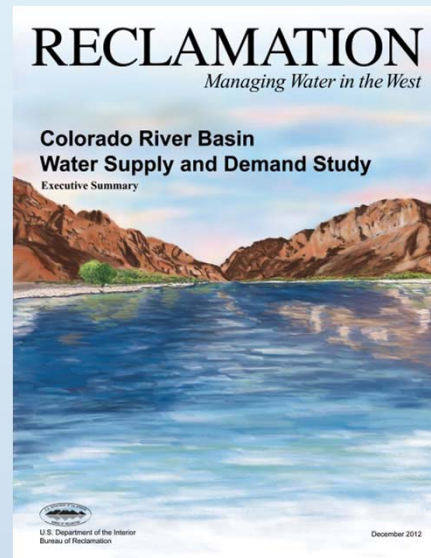
San Diego County Water Authority

24 Local Retail Agencies and cities

Imported Water Supply Reliability

Colorado River Basin Water Supply and Demand Study

Carly Jerla
United States Bureau of Reclamation



Imported Water Supply Reliability

California Water Plan Update

Lewis Moeller
California Department of Water Resources

California Water Plan Update 2013 | Highlights

Why We Should Care

PUBLIC SAFETY ENVIRONMENTAL STEWARDSHIP ECONOMIC STABILITY

Water ►► The Essence of Life for California

Benefits of Integration

Public Safety

- Provide safe drinking water.
- Ensure clean, safe water supplies.
- Reduce flood risk statewide.
- Improve water quality for fisheries and recreation.

Environmental Stewardship

- Improve watershed management.
- Restore terrestrial and aquatic habitats.
- Enhance Bay-Delta and degraded ecosystems.
- Raise awareness and increase stewardship.

Economic Stability

- Enhance the state's economic output.
- Contribute to job creation and security.
- Promote food production security.
- Provide stable funding for infrastructure.

Update 2013 lays out a comprehensive suite of actions intended to move California toward more sustainable management of water resources and more resilient water management systems. Ultimately, sustainability and resiliency need to be measured in terms of improved public safety (societal benefits), environmental stewardship (environmental benefits), and economic stability (financial benefits). All Californians depend on water for their well-being — including the myriad ways water supports California's \$2 trillion economy and way of life.

Safe, Reliable Drinking Water

Reduction of Flood Risk and Damage

Expanded Recreation

Sustained Watersheds

Land Use and Stewardship

Sustained Fisheries

Healthy Bay-Delta Estuary

Cultural Resources and Livelihood

Job Creation and Prosperity

Food and Fiber Production

Safe, Reliable Transportation

Hydropower Production

Recreation and Well-Being

Investing in innovation and infrastructure

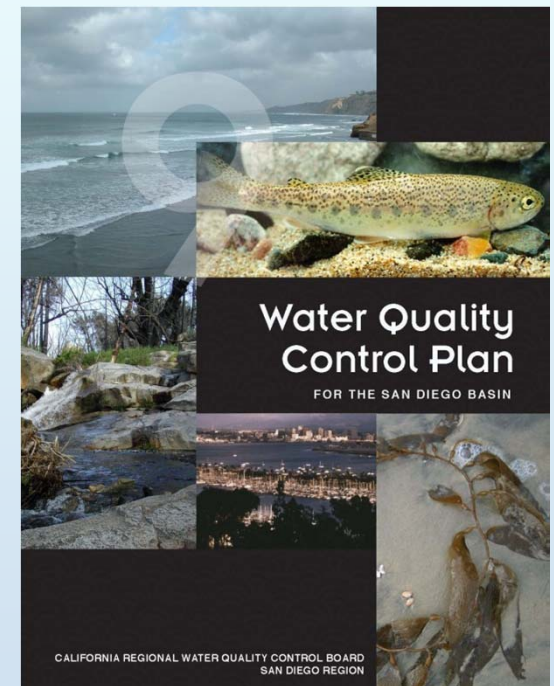


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- **Basin Plan Triennial Review Workshop**
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Basin Plan Triennial Review Workshop

- Background:
 - San Diego Regional Board currently amending the Basin Plan
 - Written comments due: February 6th
- Purpose of Today's Workshop:
 - Discuss Regional Board Staff Recommendations
 - Provide forum for RAC to provide additional input



Basin Plan Triennial Review Workshop

Regional Board Staff Recommendations:

1. Biological Objectives
 - Develop biological water quality objectives vs. numeric chemical objectives for inland waters
2. Chollas Creek Metals Water Effect Ratio (WER)
 - Revise Basin Plan with results from WER prepared by the City of San Diego
3. Contact Water Recreation Water Quality Objectives
 - Evaluate data and requests to modify objectives and implementing provisions for Bacteria TMDLs
4. Editorial Revisions, Clarifications, Corrections
 - Housekeeping

California Regional Water Quality Control Board,
San Diego Region

Issues Description
for the
2014 Review of the
Water Quality Control Plan
for the
San Diego Basin
(Basin Plan)

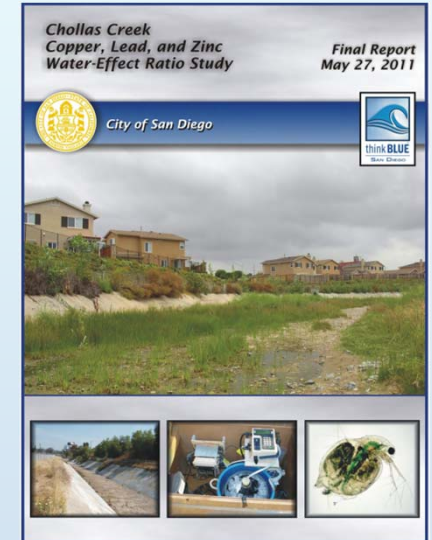
December 8, 2014



Basin Plan Triennial Review Workshop

Chollas Creek Metals Water Effects Ratio:

- Chollas Creek listed on the 40 CFR 303(d) for dissolved copper, lead, and zinc
- Dissolved Metals Total Maximum Daily Load (TMDL) used EPA's formula for calculation the effect of dissolved metals available to insects
- Used default water hardness values in formula during original calculations because actual measurements not available
- EPA allows Water Effects Ratios to be calculated for site specific requirements
- Per EPA protocols, performed additional monitoring and recalculated formula with new data



Basin Plan Triennial Review Workshop

Regional Board Staff Recommendations:

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Issues Description
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Basin Plan Triennial Review Workshop

Additional Recommendations:

1. Revise Basin Plan to reflect role and status of water supply reservoirs that are connected to water treatment plants





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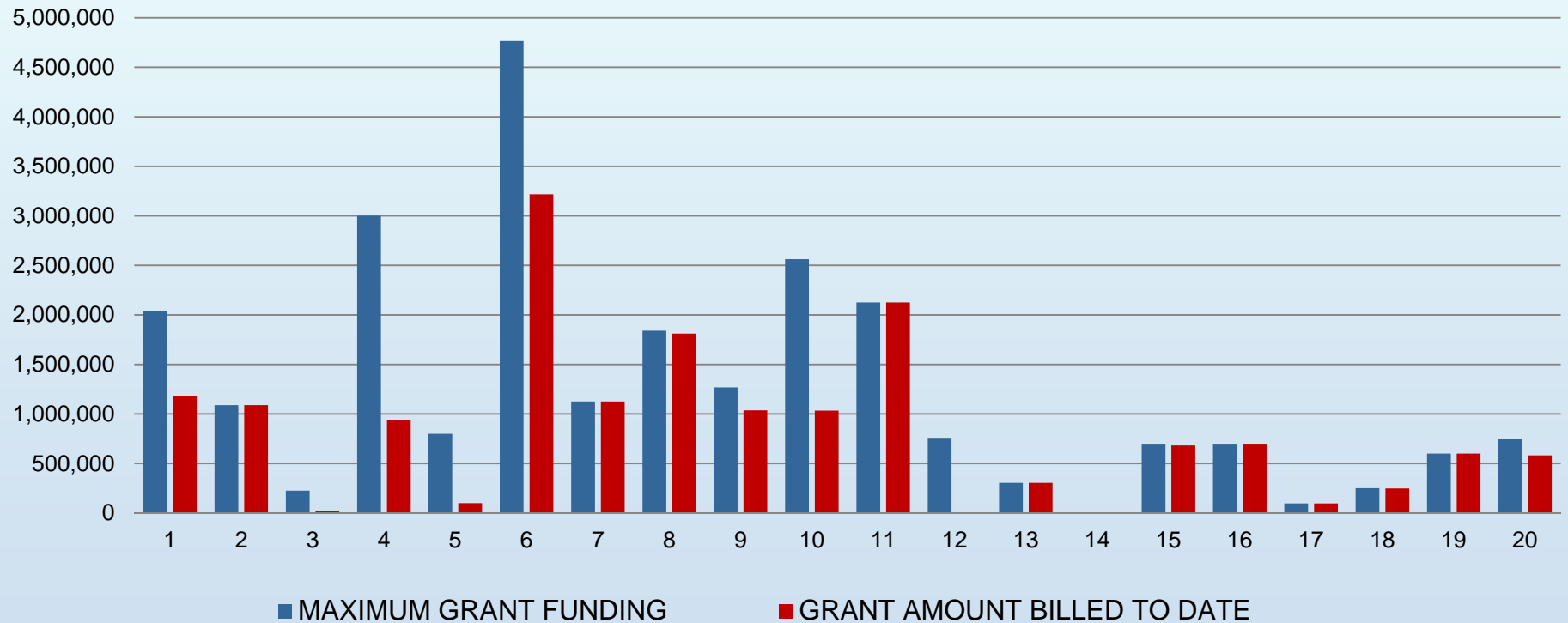


Proposition 50

- Project Completion Reports – received and in Water Authority processing
 - San Vicente Reservoir Source Water Protection (50-7)
 - South San Diego County Water Supply Strategy (50-13)
 - San Dieguito Watershed Mgmt Plan Implementation Project (50-17)
- Audit Issue
 - DWR reached final decision on December 19, 2014
 - Project 50-15: remit additional matching funds costs and reduce retention invoice to cover ineligible costs reimbursed
- Financials:
 - Costs Billed to Date: \$16.8M
 - Outstanding Reimbursements: \$1.3M

Proposition 50

Grant Funding vs. Grant Amount Billed to Date



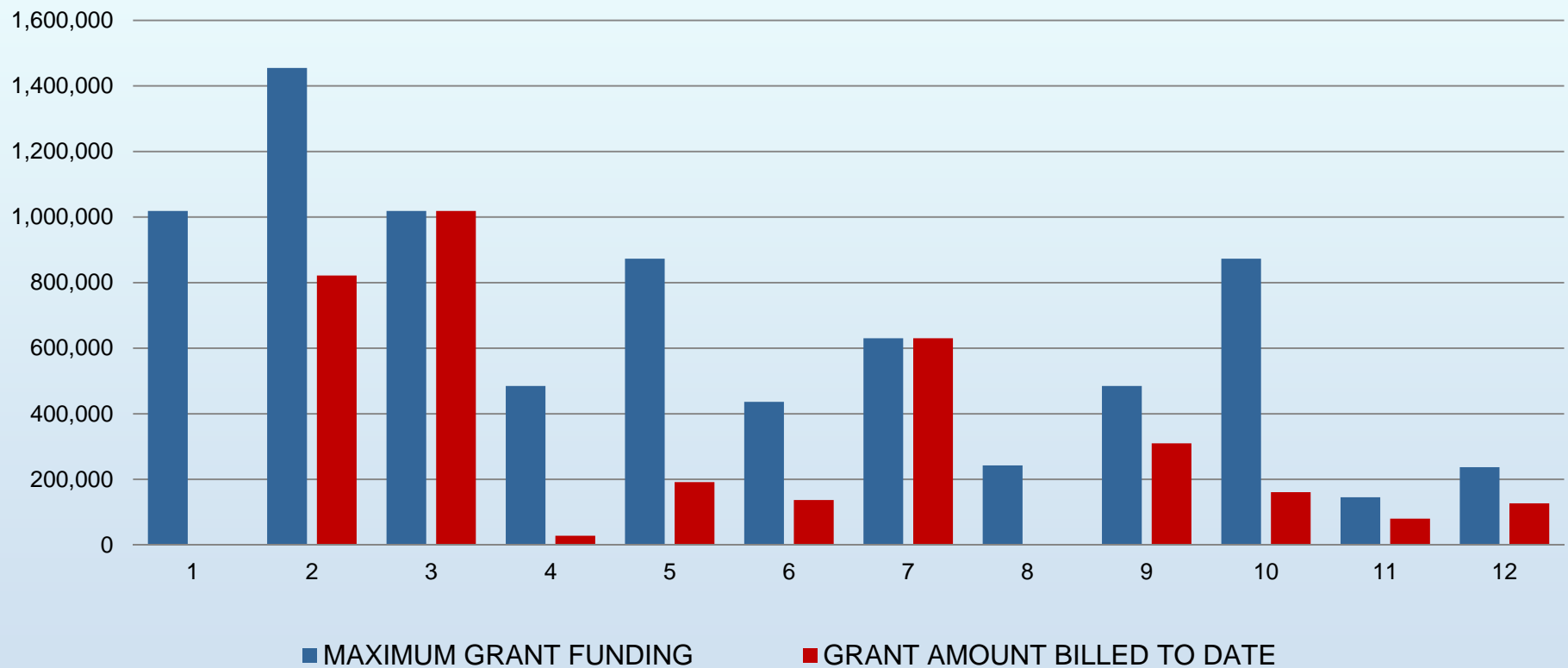


Proposition 84 Implementation, Rnd 1

- Projects Continuing as Planned
 - Chollas Creek Integration Project Phase I (84-1-10)
 - Anticipated groundbreaking by early April 2015
- LPS Coordination Meeting & Site Visits: Feb. 12, 2015
 - Web-Based Reporting
 - Project Site Visits:
 - NSD County Regional Recycled Water Project (84-1-2)
 - NSD County Cooperative Demineralization Project (84-1-3)
 - Bannock Avenue Neighborhood Streetscape Improvements (84-1-7)
- Financials
 - Costs Billed to Date: \$3.5M of \$7.9M Award
 - Outstanding Reimbursements: \$557K

Proposition 84 Implementation, Rnd 1

Grant Funding vs. Grant Amount Billed to Date



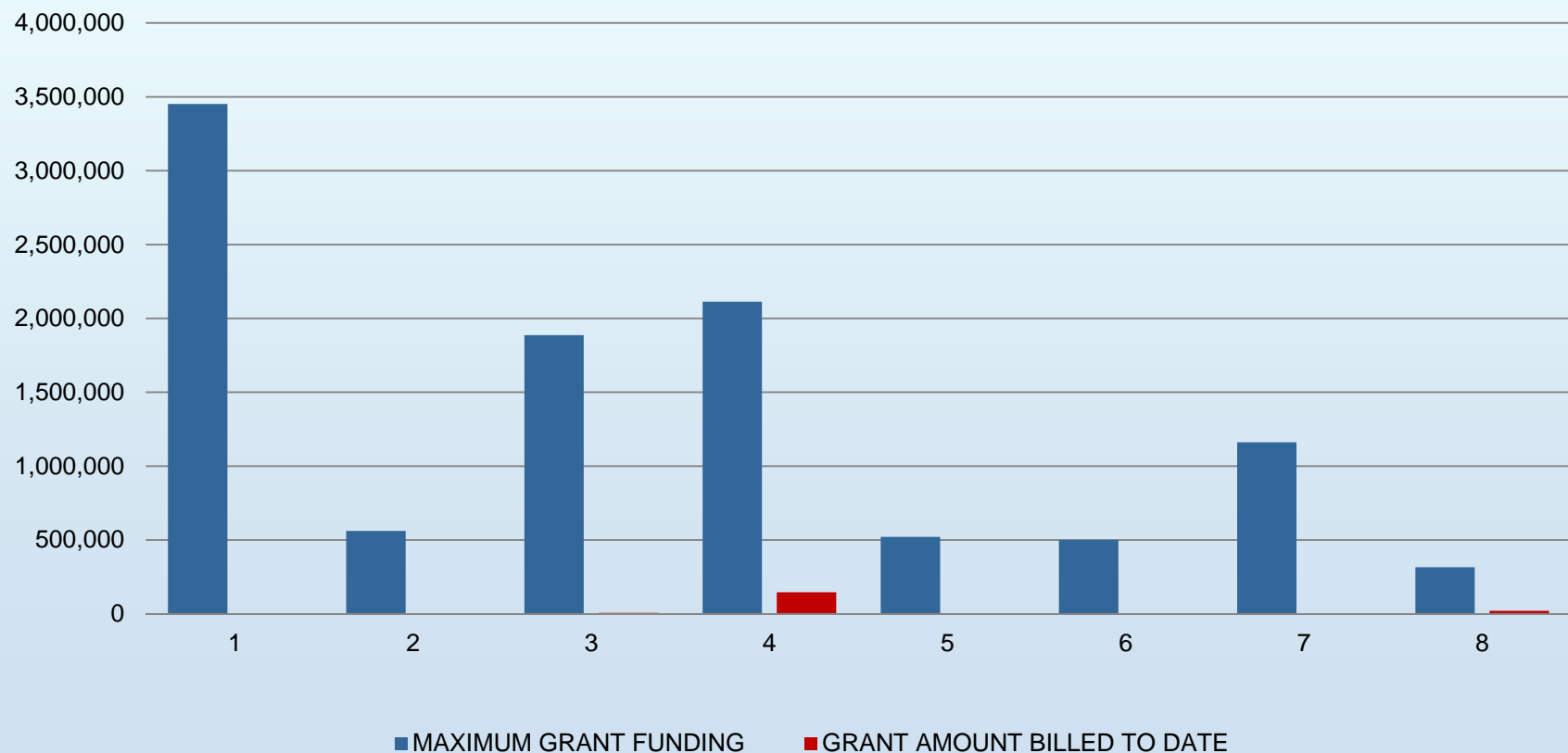


Proposition 84 Implementation, Rnd 2

- Most Projects have commenced work
- Projects with significant milestones:
 - Failsafe Potable Reuse at AWT (84-2-4)
 - Completed Potable reuse criteria reports; spent all funding match
 - Rural Disadvantage Community (DAC) Project, II (84-2-3)
 - San Pasqual Reclaimed Water Project – Ground Breaking on February 9, 2015
 - Chollas Creek Integration Project Phase II (84-2-7)
 - Anticipated Groundbreaking by early April 2015
- Financials:
 - Costs Billed To Date: \$174K of \$10.5M Award
 - Outstanding Reimbursement: \$165K

Proposition 84 Implementation, Rnd 2

Grant Funding vs. Grant Amount Billed to Date





Other Proposition 84 Grants

- Implementation Grant, Drought Solicitation Round
 - December 11, 2014:
 - Grant agreement execution conditions submitted to DWR
 - Late January 2015:
 - Contract template received and in Water Authority review
 - June 2015:
 - Anticipated contract execution date



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Next RAC Meeting

- April 1, 2015

2015 Meeting Schedule

- June 3, 2015
- August 5, 2015
- October 7, 2015
- December 2, 2015

***- Regular Meetings Held First Wednesday
of Every Other Month -***

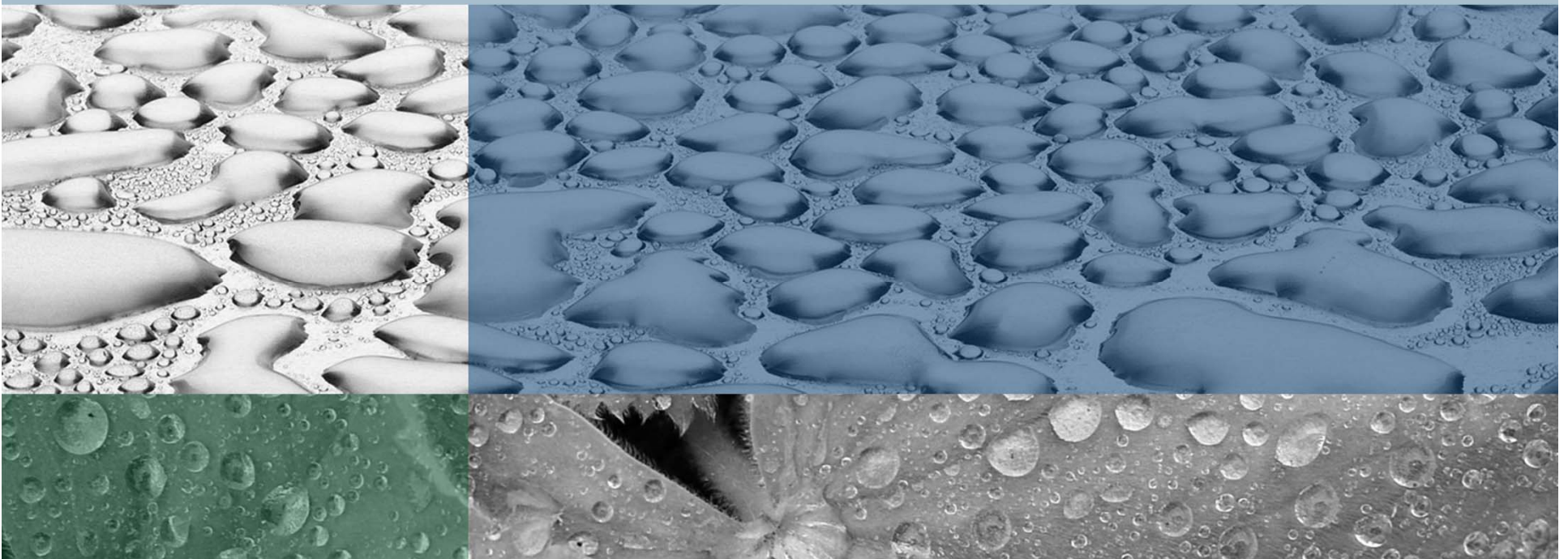


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San Diego IRWMP

Regional Advisory Committee Meeting #54



February 4, 2015