Water Authority Board Chair Thomas V. Wornham remarks on the region’s historic investment in water storage during the dedication of the San Vicente Dam Raise project on July 16.
1. **UNIFIED AGENDA:** This unified agenda provides a brief description of each item to be considered by the Board and its Administrative and Finance, Engineering and Operations, Imported Water, Legislation, Conservation and Outreach, and Water Planning Committees. For convenience, the agenda for each of the Committees and for the formal Board meeting are stated separately; however, all agendas shall be considered as a single agenda and any item listed on the agenda of any Committee may be acted upon by the Board. All items on the agenda of any Committee, including information items, may be deliberated and become subject to action by the Board.

2. **DOCUMENTS:** Staff reports and any other public information provided to the Board or Committee before the meeting relating to items on the agenda are available for public review at the San Diego County Water Authority 4677 Overland Avenue San Diego, CA 92123 during normal business hours. Additional documents may be distributed at the meeting. Copies of individual items, including the background information, are available through the Clerk of the Board at (858) 522-6614.

3. **MEETING TIMES:** The morning session of Standing Committees will commence at 9:00 a.m. on August 28, 2014. The afternoon session of Standing Committees will commence at 1:00 p.m. Please see the meeting schedule. The full Board may begin as early as 3:00 p.m. or as soon thereafter as the last Committee meeting is completed.

4. **ACTION AT COMMITTEE MEETINGS:** Committee meetings are also noticed as meetings of the Board because a quorum of the Board may be present. Members of the Board who are not members of the Committee may participate in the meeting, but only members of the Committee may make, second or vote on any motion or other action of the Committee unless the Board determines to convene for consideration of action on an item or items on the Committee agenda. If a quorum of the Board is present during a Committee meeting, upon approval of a motion by any Board member to convene for consideration of action on an item or items on the Committee agenda, the Board may take action on that item or items. If the Board takes action on an item during a Committee meeting, the matter will not be subject to further action at the Formal Board meeting unless a motion to reconsider is approved according to the provisions of the Water Authority Administrative Code. Persons interested in an item and wishing to hear the staff report, present oral or written comments and hear the deliberations should attend the Committee meeting. Closed Sessions also occur at Committee meetings and may not be repeated at the formal Board meeting.

5. **CONSENT CALENDAR:** The agenda contains items listed on a consent calendar which is for matters considered routine or otherwise not requiring further deliberation. A committee or the Board will take action as recommended by one motion. There will be no individual discussion on such items prior to the vote unless an item is removed for discussion. If a member of the public
wishes to talk about a consent calendar item, please notify the Chair before the calendar is called. Persons who wish to be heard on an item are encouraged to speak before the assigned committee.

6. **PUBLIC HEARINGS**: It is not necessary to notify the Chair if a member of the public wishes to speak on items listed on the agenda as public hearings. Public hearings will begin at the time stated in the notice, or as soon thereafter as the matter can be heard. When the Chair opens the hearing, upon invitation of the Chair, step to the podium and begin by giving your name and address for the record. Each speaker has 3 minutes to address the Board.

7. **PUBLIC COMMENT ON MATTERS NOT ON THE AGENDA**: The agenda provides an opportunity for members of the public to address the Committees and Board on matters of interest within the jurisdiction of the Committee or Board that are not listed on the agenda. The Brown Act does not allow any discussion or action by the Board or staff on matters raised during public comment except: 1) to briefly respond to statements made or questions posed; 2) ask a question for clarification; 3) receive and file the matter; 4) if it is within staff's authority, refer it to them for a reply; or, 5) direct that it be placed on a future board agenda for a report or action.

A reasonable amount of time will be allocated by the Chair for public comment. Persons wishing to speak should notify the Chair before the meeting by filling out a "Speaker Request Form" and give it to the secretary. Individual speakers are requested to be as brief as possible and are encouraged to address the appropriate committee who is best able to respond. When the Chair calls, please immediately step to the podium and begin by giving your name and address for the record. Each speaker has 3 minutes to address the Board.

8. **PUBLIC COMMENT ON AGENDA ITEMS**: Persons wishing to speak to an item that is listed on the agenda should notify the Chair before the meeting by filling out a speaker request form and giving it to the secretary. Step to the lectern when asked to do so by the Chair and begin by giving your name and address for the record. Remarks should be limited to three minutes.

9. **INFORMATION ITEMS**: Items are listed on the agenda as information based on staff's judgment. Circumstances or the committee's or Board's judgments may require deliberation or, if necessary, action on these items. Any member of the public with an interest in one of these items should review the background material and request information on the possible action that could be taken.

10. **ASSISTANCE FOR THE DISABLED**: If you are disabled in any way and need accommodation to participate in the Board meeting, please call the Clerk of the Board at (858) 522-6614 for assistance at least three (3) working days prior to the meeting so the necessary arrangements can be made.

11. **RULES GOVERNING MEETINGS**: The Water Authority’s Administrative Code Chapter 2.00 governs conduct of meetings of the Board and the Committees. The Administrative Code is available online at [www.sdcwa.org](http://www.sdcwa.org) or at the Water Authority Headquarters.
MEETING SCHEDULE

AUGUST 28, 2014

MORNING SESSION 9:00 a.m. to 12:00 p.m.
Water Planning Committee  Estimated time: 1 hour 30 minutes
Legislation, Conservation & Outreach  Estimated time: 40 minutes
Imported Water Committee  Estimated time: 50 minutes

LUNCHEON FOR DIRECTORS 12:00 p.m. to 1:00 p.m.

AFTERNOON SESSION 1:00 p.m. to 3:00 p.m.
Engineering & Operations Committee  Estimated time: 40 minutes
Administrative & Finance Committee  Estimated time: 1 hour 20 minutes

FORMAL BOARD MEETING 3:00 p.m.

* Time estimates are for convenience only and do not constitute part of the schedule. The first morning session will commence at 9:00 a.m., and the following morning sessions may start at any time after 9:00 a.m. The first afternoon session will commence at 1:00 p.m., and the following afternoon sessions may start at any time after 1:00 p.m. The Board meeting will start no earlier than 3:00 p.m., or following the conclusion of the last committee meeting.
WATER PLANNING COMMITTEE

AGENDA FOR

AUGUST 28, 2014

Yen Tu - Chair
John Linden – Vice Chair
Mark Watton – Vice Chair
Brian Brady
Jerry Kern
Jim Madaffer

Marty Miller
Jim Murtland
Dennis Sanford
Javier Saunders
John Simpson
Fern Steiner
Mark Weston

1. Roll call – determination of quorum.
2. Additions to agenda (Government Code Section 54954.2(b)).
3. Public comment – opportunities for members of the public to address the Committee on matters within the Committee’s jurisdiction.
4. Chair’s report.
   4-A Directors’ comments.

I. CONSENT CALENDAR

II. ACTION/DISCUSSION

1. El Nino Presentation by Scripps Institution of Oceanography. Dan Cayan/
   Mike Dettinger

2. Annual Water Supply Report for distribution pursuant to Administrative Code Section 8.00.050. Lesley Dobalian
   Staff recommendation: Approve the Annual Water Supply Report for distribution pursuant to Administrative Code 8.00.050. (Action)

3. Water Supply and drought management update. (Discussion) Dana Friehauf
4. Report on potable reuse efforts and direct staff to further assist member agencies with planning, regulatory advocacy and regional outreach for potable reuse projects.  
   Staff recommendation: Direct staff to proceed with expanding the assistance provided to member agencies developing potable reuse projects in the Water Authority’s service area in the following key areas: 1) enhanced public outreach and messaging, 2) engaging with regulatory agencies and the State Drinking Water Program’s Expert Panel, 3) assist in planning of projects by securing external funding for local projects; and 4) work with member agencies to develop and implement a regional public outreach plan in support of potable reuse. (Action)

III. INFORMATION

1. Presentation on proposed Ocean Plan amendments.  
   Bob Yamada

2. Water Authority Storage Utilization.  
   Ken Weinberg/Gary Eaton

   Ken Weinberg

IV. CLOSED SESSION

V. ADJOURNMENT

Kelly L. Walker  
Clerk of the Board

NOTE: This meeting is called as a Water Planning Committee meeting. Because a quorum of the Board may be present, the meeting is also noticed as a Board meeting. Members of the Board who are not members of the Committee may participate in the meeting pursuant to Section 2.00.060(g) of the Authority Administrative Code (Recodified). All items on the agenda, including information items, may be deliberated and become subject to action. All public documents provided to the committee or Board for this meeting including materials related to an item on this agenda and submitted to the Board of Directors within 72 hours prior to this meeting may be reviewed at the San Diego County Water Authority headquarters located at 4677 Overland Avenue, San Diego, CA 92123 at the reception desk during normal business hours.
August 20, 2014

Attention: Water Planning Committee

Annual Water Supply Report for distribution pursuant to Administrative Code Section 8.00.050. (Action)

Purpose
This report seeks approval of the Water Authority’s 2014 Annual Water Supply Report for distribution to member agencies, the county of San Diego, and cities within the county.

Staff recommendation
Approve the Annual Water Supply Report for distribution pursuant to Administrative Code Section 8.00.050.

Alternative
Do not approve the Annual Water Supply Report for distribution pursuant to Administrative Code Section 8.00.050.

Fiscal Impact
There is no fiscal impact associated with the staff recommendation.

Background
The San Diego County Water Authority Administrative Code (Section 8.00.050) requires the Water Authority to provide its member agencies, the county of San Diego, and each city in the county of San Diego an annual statement regarding the Water Authority’s water supplies and implementation of Water Authority plans and programs to meet the future water supply needs. This 2014 Annual Water Supply Report (Report) satisfies the requirements of the Administrative Code.

The Report also provides updated documentation on the Water Authority’s existing and projected supplies for use by the member agencies in preparing water supply assessments and written verifications required under Water Code Sections 10910 through 10914 and Government Code Sections 65867.5, 66455.3, and 66473.7 (commonly referred to as Senate Bills 610 and 221). SB 610 and 221 amended state law to improve the link between information on water supply availability and certain land use decisions made by cities and counties. Under SB 610 and 221, the Urban Water Management Plan (UWMP) is the primary planning report used to comply with the laws and availability of supplies to meet demands. Since publication of the 2010 UWMP, the Water Authority entered into the Water Purchase Agreement with Poseidon Resources for delivery of Carlsbad Seawater Desalination Project supplies. Therefore, the Report includes additional documentation on the approval and implementation of this project.

The Report serves as the means to annually track implementation of the projected resource mix identified in the Authority’s 2010 UWMP, which is the Water Authority’s long-term planning document to ensure a reliable water supply for the region. The Water Authority’s 2010 UWMP
Plan identified a diverse mix of water resources to be developed over the next 25 years to ensure long-term supply reliability. A complete evaluation and update of the existing and projected resource mix will occur every five years with the update of the UWMP. The next update to the Water Authority’s UWMP will be in 2015.

Part of the process for developing this Report included member agency review of the draft Report. Staff received comments on the report, which primarily pertained to the City of San Diego’s Pure Water Program being characterized as an additional planned project rather than a verifiable supply, based on requirements under Government Code Section 66473.7 (d) pertaining to written verifications, and an acknowledgement that regional demands are likely to be lower than projections from the Water Authority’s 2010 UWMP. Changes were made to the draft Report based on these comments received.

Discussion
Pursuant to the Administrative Code, the Water Authority prepared this 2014 Annual Water Supply Report on its existing and projected resource mix. The Report provides calendar year 2013 updated information on supplies and demand, and tracks overall implementation of the region’s future water supply sources utilizing key tracking metrics identified in the Water Authority’s 2010 UWMP. The Report primarily focuses on verifiable supplies identified in the 2010 UWMP with adequate documentation regarding implementation and supply utilization. The focus of the Water Authority’s Annual Water Supply Report is on long-term planning and supply reliability. This information will aid in decision making about whether to pursue adaptive management strategies to ensure a continued reliable supply for the region.

The Report tracks progress in meeting the regional demand reduction required under Senate Bill X7-7, enacted in November 2009. The law requires retail water utilities to reduce per capita water use up to 20 percent by the year 2020. Per capita potable water use remains significantly lower than historical levels back to 1990 due to strong regional conservation efforts. In 2013, the estimated potable per capita water use was 157 gallons per capita per day (gpcd), compared with approximately 231 gpcd in 1990. Per capita use did increase slightly between 2010 and 2013, which is also due to a combination of factors, including drier weather and an improving economy. Although the 2013 estimated per capita use is below the 2020 target of 167 gpcd, continued implementation of conservation programs and education will be important to ensure the SBX7-7 targets are met in the future.

The Report also presents updated information on local member agency water supplies that comprise the region’s resource mix. The estimated local groundwater produced by the member agencies in 2013 was approximately 20,223 AF. Groundwater is on track to meet the project target of 26,600 AF by 2020 as identified in the Water Authority’s 2010 UWMP for a normal water year. The increased projected groundwater yield is based on planned expansions to existing groundwater recovery projects. Recycled water use in 2013 was approximately 27,389 acre-feet (AF) within the Water Authority’s service area, an increase of 4,030 AF, or seventeen percent, from 2010. Although recycled water use is not likely to meet the 2015 verifiable target identified in the 2010 UWMP, the member agencies have plans to develop recycled water projects to meet the UWMP longer-term targets. Based on projected yields provided by member agencies.
agencies, the non-potable recycled water target in the Water Authority’s 2010 UWMP is 43,700 AF/year in 2020.

Member agencies have also identified additional planned projects that they are actively pursuing through the preparation of planning documents. These projects are not far enough along in the implementation process to be considered verifiable in the region’s reliable resource mix. The Report highlights progress on these planned projects, such as the City of San Diego’s Pure Water Program and Otay Water District’s proposed seawater desalination project.

In addition, the Report provides an update on implementation of the Water Authority’s programs and projects. In November 2012, the Water Authority approved a 30-year Water Purchase Agreement with Poseidon Resources for the purchase of up to 56,000 acre-feet of desalinated seawater per year from the future plant. Construction on the desalination plant is approximately 50 percent complete and expected to be on-line in late 2015. The Water Authority’s imported supplies are progressing as planned under the Imperial Irrigation District Water Conservation and Transfer Agreement and on the All American Canal and Coachella Canal Lining Projects.

The 2014 Annual Water Supply Report is expected to be the last update on implementation of the Water Authority’s projected resource based on the 2010 UWMP. The Water Authority’s projected resource mix will be updated in the 2015 UWMP, which is currently under development.

Prepared by: Lesley Dobalian, Senior Water Resources Specialist
Reviewed by: Ken Weinberg, Director of Water Resources
Approved by: Sandra L. Kerl, General Manager

Attachment: Draft 2014 Annual Water Supply Report
2014 Annual Water Supply Report

TRACKING IMPLEMENTATION OF THE REGION’S PROJECTED WATER RESOURCE MIX

Draft - August 2014

Prepared by the Water Resources Department

Available on the Internet at www.sdcwa.org
# DRAFT - 2014 Annual Water Supply Report

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Section 1. Introduction

The 2014 Annual Water Supply Report (Report) satisfies the San Diego County Water Authority’s Administrative Code (Section 8.00.050) requirement to provide the Water Authority’s member agencies, the county of San Diego, and each city in the county of San Diego an annual statement regarding the Water Authority’s water supplies and implementation of its plans to meet future supply needs. The focus of this report is on long-term planning and supply reliability. Supply conditions due to the current drought are reported to the Water Authority Board of Directors and member agencies monthly, consistent with the Water Authority’s Water Surplus and Drought Response Plan.

This Report may be used by the member agencies to prepare water supply assessments and written verifications, which are required under state law to verify available supplies for large developments. The Report also provides updated information on the development of local water supplies that are included in the Water Authority’s 2010 Urban Water Management Plan (UWMP) projected resource mix. The 2010 UWMP is the Water Authority’s long-term planning document to ensure a reliable water supply for the region. A copy of the 2010 UWMP can be found at the following link on the Water Authority website: (http://www.sdcwa.org/uwmp). The next update to the Water Authority’s UWMP will be in 2015.

This Report is organized into five sections. Section 1 is an introduction describing the purpose of the Report. Section 2 provides a look at regional water demand, including historical and forecasted water demands through 2035. It also includes an overview on the current and projected water resource mix for the Water Authority service area. Section 3 tracks the progress on implementation of the projected resource mix using key tracking metrics identified in the Water Authority’s 2010 UWMP scenario planning process. Section 4 provides discussion on member agency local water supplies and conservation. Section 5 of this Report contains an update on the Water Authority’s programs and projects. The last section is the Appendix, which provides updated documentation on the Carlsbad Seawater Desalination Project since publication of the 2010 UWMP.

Section 2. Regional Water Demand and Supply Overview

The Water Authority is a regional wholesale water agency, serving 24 member agencies within its service area (Figure 1). The Water Authority serves 97 percent of San Diego County’s population and provides approximately 80 percent of the water used within the region, depending upon the amount of local supply utilized. The County Water Authority Act, adopted by the California State Legislature, states that the Water Authority shall provide each of its member agencies with adequate supplies of water to meet their expanding and increasing needs, as far as practicable.

The Water Authority’s UWMP Plan identifies a diverse mix of water resources projected to be developed over the next 25 years to ensure long-term water supply reliability for the region. In the 2010 UWMP, supplies are separated for purposes of analysis into one of three...
categories: verifiable, additional planned, or conceptual. Verifiable projects are those with adequate documentation regarding implementation and supply utilization and are therefore used in the Water Authority’s 2010 UWMP reliability assessment. Additional planned projects are those that either the Water Authority or member agencies are actively pursuing through the preparation of planning documents and currently funding, but do not rise to the level of verifiable. Conceptual projects are those considered to be in the pre-planning phase, where the projects have not progressed to a point where the project yield can be factored into reliability assessments or uncertainty planning under the 2010 UWMP. Categorizing member agency local projects into the appropriate project type was based on member agency input. This Report primarily focuses on verifiable supplies identified in the 2010 UWMP, which make up the region’s projected resource mix.

2.1 Regional Water Demands

Regional water demands are shown in Figure 2, combining historical, current and forecasted normal calendar year demands reduced by future additional conservation savings. The forecasted trend in projected water demands is provided from 2014 to 2035. As shown in Figure 2, water use within the region peaked in 2007, and then sharply declined through 2011, after which it increased slightly in 2012 and in 2013. Water demand within the Water Authority’s service area in calendar year (CY) 2013 was approximately 572,410 acre-feet (AF).¹

![Figure 2: Regional Historical and Projected Normal Total Demand](image)

1 CY 2013 water use includes both reconciled and estimated data. Water use for the period January 1, 2013 - June 30, 2013 was reconciled as part of the FY 2013 reconciliation process with the member agencies. Demand data for July 1, 2013 – December 31, 2013 will be finalized during the Water Authority’s FY 2014 reconciliation process, scheduled for completion by September 30, 2014.

2 Since development of the Water Authority’s 2010 UWMP, a number of factors have affected regional water demand. The Water Authority is in the process of developing its long-range demand forecast for its 2015 UWMP. Preliminary results indicate that projected regional demand will be lower than identified in the 2010 UWMP.
A number of variables have affected water use trends in the region since 2007. A serious drought began in California in 2007 that was not officially declared over by the state’s governor until March 2011. In addition, 2007 marked the beginning of a national economic recession. The decrease in regional water demand from 2007 to 2011 can be attributed to factors related to the drought and recession, including: conservation messaging, water use restrictions, a depressed economy, and steeper water rate increases.

Following 2011, regional demand began to increase slightly in 2012 and 2013. CY 2013 demand was approximately 12,500 AF more, or two percent greater than CY 2012, which was 26,500 AF, or five percent, greater than in CY 2011. The increase in water use can be attributed primarily to drier weather in both 2012 and 2013. Hydrologic conditions were so dry during these two calendar years across the state, that on January 17, 2014, Governor Edmund G. Brown Jr. declared a state of emergency in California due to drought. In addition to the weather, regional demand may also have increased in 2012 and 2013 as result of California’s slowly rebounding economy. Despite the increase in demand since 2011, CY 2013 demand remains 23 percent lower than in 2007, by approximately 169,500 AF, even with a five percent population increase.

Water Authority long-range demand forecasts are revised every five years as part of the UWMP update required by the State of California. The current forecast, generated for the 2010 UWMP, projects total demands within the Water Authority’s service area to reach 675,000 AF by 2020. These demands are net of 47,000 AF of future additional conservation required for compliance with the Water Conservation Act of 2009 (SBX7-7). Total projected conservation in 2020 is estimated to be approximately 103,000 AF. Since the mid-1990s, the Water Authority has used an econometric model that incorporates projected demographic and economic growth estimates provided by the San Diego Association of Governments (SANDAG) to forecast member agency level demand estimates. SANDAG’s Series 12: 2050 Regional Growth Forecast was utilized for the current water demand projections shown in Figure 2.

A number of significant events have occurred since development of the Water Authority’s long-range demand forecast for the 2010 UWMP. Mandatory water use restrictions, supply allocations, and the lingering effects of the national economic recession all contributed to the sizable decrease in San Diego area water demands since 2007. It has yet to be determined if recent demand levels are a “new normal” in long-term consumptive trends or to what extent demands will rebound to previous levels. This issue will be evaluated as part of the 2015 UWMP demand forecast analysis that began in 2014.

2.2 Existing and Projected Resource Mix

Table 1 provides the CY 2013 supply levels for the Water Authority service area and the projected verifiable resource mix during a normal weather year. The projected resource mix is based on diversification of the Water Authority’s supply sources, verifiable local supply projections provided by the member agencies, and retail agency compliance with SBX7-7 conservation targets. SBX7-7 mandates a twenty percent reduction in retail urban per capita water usage by 2020. Information on the existing member agency and Water Authority supplies included in Table 1 can be found in Sections 4 and 5, respectfully. As shown in Table 1, shortages in a normal year are not anticipated through 2035 if Metropolitan Water District (MWD), the Water Authority, and member agencies’ supplies are developed as planned, along with achievement of the SBX7-7 retail conservation.
### Section 3. Tracking Progress on Implementation of Projected Resource Mix

#### 3.1 2010 UWMP Scenario Planning Process

The 2010 UWMP incorporates a traditional scenario planning process to assess the reliability of the region’s projected resource mix (identified in Table 1 above) and plan for potential uncertainties of the water supply sources. Water agencies face a number of uncertainties to providing a reliable supply, including regulatory rulings, project financing, demographics, climate change, and drought. The scenario planning process assesses potential risks associated with implementation of the projected resource mix and identifies management strategies to aid in implementation of the resource mix and help deal with the uncertainties. A procedure to track development of the supply sources to determine when and if potential adaptive management strategies may be needed is also included. (Refer to Section 10 of the Water Authority 2010 UWMP on the scenario planning process and results.)

As identified in the 2010 UWMP, this Report annually reports on implementation of the projected resource mix. A complete evaluation and update of the resource mix will occur every five years with update of the UWMP.
3.2 Summary of Key Tracking Metrics

The following Tables 2 and 3 contain metrics for tracking progress on implementation of the projected resource mix, the majority of which were identified in the 2010 UWMP. The information contained in these tables may be used in decision making processes to determine whether to pursue development of additional planned supply projects, continue implementation of identified projects, or adopt programs to assist in meeting supply and conservation targets identified in the projected resource mix. Additional information on development of the Water Authority and member agency supplies is contained in Sections 4 and 5 of this Report.

Table 2. Tracking Metrics for Member Agencies’ Local Supply Development and SBX7-7 Compliance (Refer to Section 4 for Additional Details on Implementation Status)

<table>
<thead>
<tr>
<th>Management Action or Event</th>
<th>Key Metric</th>
<th>Implementation Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Conservation</td>
<td>Is per capita water use on track to achieve retail 2020 SBX7-7 target?</td>
<td>Per capita water use continues to be on track to achieve the target, and is currently lower than both the 2015 and 2020 targets. Per capita water use remains lower due to a combination of factors including: public outreach to encourage conservation, modifications to landscape to require less water such as drought tolerant landscaping, and increasing water rates.</td>
</tr>
<tr>
<td>Water Recycling</td>
<td>Is recycled water development on track to assist in achieving the 2020 SBX7-7 target included in UWMP?</td>
<td>Although the near-term 2015 recycled water target is not likely to be met, the long-term targets are achievable. Recycled water deliveries in CY 2013 increased by 17 percent since 2010. Recycled water use is expected to continue to increase as member agencies expand their projects. In addition, some member agencies have put expansion of non-potable recycling systems on hold as they explore the potential for maximizing recycled water through potable reuse.</td>
</tr>
<tr>
<td>Brackish Groundwater</td>
<td>Is brackish groundwater development on track to achieve the UWMP targets?</td>
<td>Brackish groundwater development is on track to meet the targets. The additional yield identified in the 2010 UWMP targets will be from the expansion of existing projects.</td>
</tr>
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</table>
Table 3. Key Tracking Metrics for Water Authority Supplies
(Refer to Section 5 for Additional Details on Implementation Status)

<table>
<thead>
<tr>
<th>Management Action or Event</th>
<th>Key Metric</th>
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<td>Seawater Desalination</td>
<td>Is the Carlsbad seawater desalination facility on track to be on-line by 2016?</td>
<td>The Carlsbad Seawater Desalination Project is on track, and is expected to be completed by late 2015. Construction on the desalination plant is approximately 50 percent complete, and 5 of 10 miles of conveyance pipeline installed by May 2014.</td>
</tr>
<tr>
<td>Various state and federal lawsuits have been filed related to the Quantification Settlement Agreement.</td>
<td>What is the result of the appellate court? Will there be reductions in QSA supplies to MWD and Water Authority?</td>
<td>On May 19, 2014, the 9th U.S. Circuit Court of Appeals rejected a legal challenge to the Secretary of the Interior’s approval of the Colorado River Water Delivery Agreement, one of more than 30 agreements that make up the QSA. This ruling upholds a prior ruling that the Secretary of the Interior did not violate the National Environmental Policy Act or the Clean Air Act. It was the second federal court decision rejecting challenges to components of the QSA. Previously, the federal court rejected environmental challenges to the All American Canal Lining Project. In addition to federal lawsuits, various state court actions were filed that have lasted more than a decade. In July 2013, Sacramento Superior Court Judge Lloyd G. Connelly affirmed CEQA compliance and rejected all remaining challenges. Several parties appealed this decision, and the remaining state court appeal is now pending in the 3rd District Court of Appeal in Sacramento.</td>
</tr>
</tbody>
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Metropolitan Water District Core Supplies: State Water Project

| The Bay Delta Conservation Plan (BDCP) is intended to provide the regulatory approvals and framework for achieving the co-equal goals of supply reliability and ecosystem restoration. | What is the status of the draft BDCP and Environmental Impact Report/Environmental Impact Statement (EIR/EIS)? | The Draft BDCP and BDCP Draft EIR/EIS were made available for public review and comment from December 13, 2013 through July 29, 2014. The Water Authority has provided detailed comments on the Draft EIR/EIS and continues to seek opportunities to engage with the BDCP program and stakeholders regarding cost allocation issues, which remain unresolved. Environmental review and permitting are expected to be completed by 2015, with construction of the selected alternative scheduled for completion by 2025. |
The state water bond measure (Safe, Clean and Reliable Drinking Water Supply Act) would, in part, provide funding to carry-out the BDCP.

Has the water bond measure passed?

The water bond measure that will go before voters in November 2014 is AB 1471, a $7.5 billion measure that replaced SBX7-2, the previous water bond measure known as the Safe, Clean and Reliable Drinking Water Supply Act. The new measure on the November 2014 ballot will be re-numbered as Proposition 1.

SBX7-2, enacted in 2009, was an $11.14 billion water bond. The measure was delayed from statewide votes twice and was due to be included on the November 2014 ballot until AB 1471 was approved to replace it. Following a push to revamp the 2009 measure with a smaller one, and after weeks of negotiations, AB 1471 was approved by the Legislature and signed by the Governor on August 13, 2014.

More than twelve alternative bond measures were considered in 2014 to replace SBX7-2. The new water bond measure, AB 1471, had strong bipartisan support, and easily cleared both houses of the Legislature (77-2 in the Assembly and 37-0 in the Senate). The main hurdle in coming to an agreement was about how much money should be spent on new reservoirs and other storage projects. The current water bond measure achieves the Water Authority’s bond priorities.

Metropolitan Water District Core Supplies: Colorado River

The US Bureau of Reclamation’s released its Colorado River Basin Water Supply & Demand Study in December 2012 that projected significant shortfalls between expected water supplies and demands in the Colorado River Basin in coming decades.

Has progress been made on developing strategies to resolve supply and demand imbalances?

Reclamation is working in partnership with representatives from the seven Basin States on the next steps to address the projected water supply and demand imbalances identified in the Basin Study. Key workgroups were formed to investigate topics such as agricultural conservation and transfers; municipal and industrial conservation and reuse; and environmental flows. The workgroups are finalizing their respective reports expected in late 2014 that identify areas within their given sectors with the potential to help reduce projected supply and demand imbalances.
Section 4.0 Update on Member Agency Local Supply Implementation and Per Capita Water Use

The Water Authority’s 2010 UWMP contains local supply targets for water recycling, groundwater, and surface water that were provided by the member agencies, and estimated regional potable gallon per capita day (GPCD) targets, based on aggregated member agency targets. The following sections provide a status update on the development of these local supplies and current per-capita water use.

4.1 Per Capita Water Use

Under legislation adopted by the California State legislature, known as the Water Conservation Act of 2009 or SBX7-7, retail water utilities are required to reduce per capita water use 20 percent by the year 2020. As a wholesale agency, the Water Authority is not directly subject to these requirements. To reflect retail compliance, the Water Authority is utilizing urban water use targets calculated by each of the member agencies to determine the regional demand reduction.

Member agency water use efficiency targets can be achieved through a combination of recycled water supplies and additional conservation savings, consistent with SBX7-7 guidelines. The per capita water use targets, measured in gallons per capita per day (GPCD) established as part of compliance with SBX7-7 are therefore potable water use targets.

Figure 3 shows the potable GPCD targets, which are contained in the Water Authority’s 2010 UWMP, and based on aggregated member agency targets to comply with SBX7-7. The interim target in 2015 is 174 GPCD, and the 2020 target is 167 GPCD. Because SBX7-7 does not require an agency to identify targets beyond 2020, it is assumed that the 2020 GPCD target of 167 is maintained between 2025 through 2035. Regional CY 2013 potable per capita use is 157, which was below both targets, as shown in the Figure 3.

Per capita use is affected by combination of short and long-term variables, including weather, conservation, water rates, and the economy, as discussed in this report under Section 2.1, Regional Water Demands. Figure 3 also shows current and historical estimated potable GPCD going back to the 1990s. Overall per capita water use has dropped since the 1990s, reflecting a long-term trend.
towards greater conservation. Variability in per capita water use between years also is reflective of
differences in weather. For example, 1990 and 2000 both were dry years, with higher overall per
capita water use. In CY 2013, the estimated potable per capita water use was 157 GPCD, below both
the interim and the 2020 targets. The slight increase shown in per capita use from CY 2010 to CY
2013 may be attributed to a reduction in estimated population accounted for in the 2010 US Census
conducted by the Census Bureau, as well as to drier weather, and an improving economy.

Looking to the future, water demands are forecasted to increase due to projected growth and an improved
economy. Continued implementation of conservation programs and recycled water development will be
important to ensure the SBX7-7 targets are met.

4.2 Water Recycling

In addition to water conservation, implementation of water recycling is essential to meeting the
region’s water use efficiency goals and is considered a drought-proof supply. Recycled water may be
used for non-potable purposes and in the future may be used for indirect or direct potable purposes.
Indirect potable reuse involves using advanced purification processes combined with a natural
barrier, such as reservoir augmentation or a groundwater basin, to produce water supplies suitable for
potable purposes. Direct potable reuse can reduce the capital costs of the project by eliminating use
of the natural barrier and conveying the advanced treated recycled water directly into a drinking
water treatment plant. Currently only non-potable recycled water is being used in San Diego County.
However, several member agencies are evaluating potable reuse, with the City of San Diego the
furthest along in its planning.

Figure 4 shows the historical, current, and projected verifiable recycled water use in the region from
CY 1990 through 2035. The projected verifiable yields are for non-potable recycling, which were
provided by the member agencies for the 2010 UWMP.

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3 The estimated population data for CY 2013 was based on the California Department of Finance’s Population
Authority’s service area.
As shown in the figure, non-potable recycled water use has increased significantly from the early 1990s. In CY 2013, approximately 27,389 AF of recycled water was used within the Water Authority’s service area. This represents an increase of approximately 4,030 AF, or seventeen percent, from CY 2010. Verifiable yields of recycled water supplies are projected to continue to increase as the economy improves, and member agencies expand their projects and more customers use recycled water. Although the CY 2015 target of 38,660 AF identified in the 2010 UWMP is not likely to be met, the member agencies have plans to develop recycled water projects to meet the longer-term targets identified in the 2010 UWMP. Non-potable recycled water deliveries are projected to meet the UWMP 2020 target of 43,728 AF.

The North San Diego Water Reuse Coalition’s North San Diego County Regional Recycled Water Project consists of the development of regional recycled water and potable reuse water infrastructure that includes interagency connections to increase the capacity and connectivity of the storage and distribution systems of the coalition’s ten agencies. The proposed project includes replacing potable water uses with recycled water components, converting facilities to recycled water service, connecting discrete recycled water systems to one another, increasing recycled water storage capacity, and distributing recycled water to effectively meet recycled water demands; the project also includes purifying recycled water with advanced water treatment and filtering it through an environmental buffer for the purposes of potable reuse. The project will produce and deliver 18,728 acre-feet per year (AFY) of recycled and potable reuse water by 2025 and an additional 16,662 AFY of recycled and potable reuse water by 2035 for a total of 35,390 AFY in the long term.

Member agencies have also identified additional planned recycled water projects, which are not included in the projected yields shown in Figure 4. At the time the 2010 UWMP was being prepared, member agencies identified a projected yield of approximately 25,500 AF by 2030 from additional planned projects that include both non-potable recycling and potable reuse projects.

One such project identified in the 2010 UWMP as an additional planned project is the City of San Diego’s potable reuse project. The City of San Diego completed a Water Purification Demonstration Project in early 2013 using advanced water purification technology and reservoir hydrodynamic and water quality modeling to determine the feasibility of a full-scale reservoir augmentation project. In April 2013, the San Diego City Council accepted the Water Purification Demonstration Project Report, which confirmed that a full-scale potable reuse project is feasible. The City of San Diego’s July 2012 Recycled Water Study Report identified a three-phased potable reuse project, with approximately 15 million gallons per day (mgd) (17,000 AF) by 2023, 30 mgd (34,000 AF) by around 2027, and 83 mgd (93,000 AF) by 2035.

In addition to the City of San Diego, there are at least 10 other water agencies in San Diego County interested in developing potable reuse projects. The Water Authority is providing regional coordination on potable reuse efforts associated with public outreach, engaging with regulatory agencies and helping secure funding for local projects. The Water Authority supports the efforts of all of its member agencies to maximize recycled water use within the region.

4.3 Groundwater

Groundwater supplies in the San Diego region are a component of the region’s diverse resource mix. While supplies are limited due to geology and the semi-arid hydrologic characteristics of the region, local agencies are taking actions to develop and manage supplies that are available. Once treated, groundwater is suitable for drinking and can be delivered directly into an agency’s potable water

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distribution system.

Figure 5 shows the reported historical, current, and projected verifiable groundwater yield for the region. The projected yields were provided by the member agencies for the Water Authority’s 2010 UWMP.

As shown in Figure 5, historical groundwater yields can be variable since they are linked to variations in hydrologic cycles. The projected long-term increase is based on normal year yield and planned expansions to existing brackish groundwater recovery projects. In CY 2013, a total of approximately 20,223 AF of groundwater was produced by the member agencies.

Brackish groundwater is on track to meet the 2015 and 2020 projections in the UWMP. By 2020, the estimated groundwater yield from verifiable sources identified in the Water Authority’s 2010 UWMP is about 26,600 AF, based on a normal water year.

4.4 Surface Water

Surface water was the primary source of the region’s water supply until imported water was made available in 1947 and is still considered an essential supply for the San Diego region. Surface water yields are highly variable since they are linked to fluctuations in local weather patterns. Runoff from rainfall is captured in local reservoirs, which is then treated to provide a water supply suitable for potable use. Since 1980, annual surface water yields have ranged from a low of 18,000 AF to a high of almost 150,000 AF. The region used approximately 40,515 AF of local surface water in CY 2013 to meet its needs. The surface water yield in a normal year is approximately 50,000 AF based on member agency data submitted for the 2010 UWMP.

4.5 Desalination

Member agencies have also been investigating the development of seawater desalination to reduce reliance on imported supplies. Otay Water District is pursuing delivery of desalinated seawater from the proposed Rosarito Desalination Project. The Rosarito Desalination Project has two different
components – the desalination plant and conveyance system that is located in Mexico, and the conveyance and disinfection system that is located in the United States. The desalination plant and the conveyance system south of the border are being considered for development by NSC Agua S.A. de C.V. (NSC Agua), a Mexico Corporation with various investors and Consolidated Water Co. Ltd., a publicly traded company that operates desalination plants and water distribution systems in the Caribbean basin and in Southeast Asia and Mexico.

The project consists of a potential 100-million-gallon-per-day seawater reverse osmosis desalination plant, together with a pump station and pipeline to convey the water to Tijuana and excess production water to the United States border with Mexico. The primary purpose of the project is to provide potable water service to customers in Mexico and to provide a reliable supply of excess production water to Otay Water District in the United States. Supply to the Otay Water District from the Rosarito facility will vary depending on the demand in Mexico and available remaining supply. The Water Authority’s 2013 Regional Water Facilities Optimization and Master Plan Update identified a range of 26,000 to 33,000 AFY delivered to Otay Water District, assuming an online date of 2021. The Otay Water District’s proposed Rosarito Desalination Project is considered an additional planned supply in the 2010 UWMP.

Section 5. Update on Implementation of Water Authority Programs and Projects

This section provides an update on the Water Authority’s existing and projected supplies which may be used by the member agencies in preparing water supply assessments and written verifications required under state law. Water Code Sections 10910 through 10914 and Government Code Sections 65867.5, 66455.3, and 66473.7 (commonly referred to as SB 610 and SB 221) amended state law to improve the link between information on water supply availability and certain land use decisions made by cities and counties. Senate Bill (SB) 610 requires that the water purveyor of the public water system prepare a water supply assessment to be included in the environmental documentation of certain large proposed projects. SB 221 requires affirmative written verification from the water purveyor of the public water system that sufficient water supplies are available for certain large residential subdivisions of property prior to approval of a tentative map. These laws require the member agencies to verify available supplies for large developments.

The Appendix contains updated documentation on the existing and planned water supplies being developed by the Water Authority since publication of the 2010 UWMP. This updated documentation pertains to the Carlsbad Desalination Project. Documentation for the Water Authority’s other water supplies are provided in the Water Authority’s 2010 UWMP. Specific documentation on member agency supplies and MWD supplies may be found in their respective plans.

5.1 2013 Regional Water Facilities Optimization and Master Plan Update

The Water Authority recently completed an update to its 2003 Master Plan. The 2013 Regional Water Facilities Optimization and Master Plan Update (Master Plan) is intended to serve as the region’s roadmap for new infrastructure development through a planning horizon that extends out to 2035, and will guide investments in new facilities to assure member agency demands for untreated and treated water service is achieved in a reliable and cost effective manner. Using projections provided by the 2010 UWMP, the Master Plan adopted a scenario planning approach to assess a plausible range of supplies and demands to be met by the Water Authority’s system of conveyance,
treatment and storage facilities. This range of supplies and demands allowed for consideration of a number of uncertainties that may affect future supply reliability, including uncertainties related to local and statewide hydrology, availability of imported supplies, and development of new local supplies.

Regional water demand is expected to increase to meet anticipated population and economic growth. Similar to the 2010 UWMP, the Master Plan concluded that under normal and wet weather patterns, existing and projected supplies are sufficient to meet estimated demands through the 2035 planning horizon. Under multi-year dry weather patterns, however, supply-demand gaps could occur when imported supplies from MWD are expected to be restricted. The Master Plan concludes that under all planning scenarios, the frequency and magnitude of supply-demand gaps is strongly influenced by member agency achievement of local supply development and conservation saving goals. Given this strong interdependence with member agency local supply development, no specific action is recommended in the Master Plan to proceed with immediate development of a new regional supply. Instead, new supply development by the Water Authority will follow an adaptive management strategy where local and statewide decisions affecting supply reliability will be closely monitored to assure appropriate and timely incremental actions are taken by the Water Authority to implement new supplies. This report serves as a vehicle to annually monitor progress on development of local supplies and reliability of imported supplies.

5.2 Imperial Irrigation District (IID) Water Conservation and Transfer Agreement

The Quantification Settlement Agreement (QSA) was signed in October 2003, and resolved long-standing disputes regarding priority and use of Colorado River water and created a baseline for implementing water transfers in California. With approval of the QSA, the Water Authority and IID were able to implement their Water Conservation and Transfer Agreement, providing reliability for the San Diego region, and also assisting California in reducing its use of Colorado River water to its legal allocation.

Deliveries began in 2003 with an initial transfer of 10,000 AF of conserved water into San Diego County. Transfer volumes have been increasing according to a water delivery schedule contained in the transfer agreement. Deliveries will ramp-up to 200,000 AF by 2021, and then remain fixed for the duration of the transfer agreement. The initial term of the Transfer Agreement is 45 years, with a provision that either agency may extend the agreement for an additional 30-year term. In CY 2013, the Water Authority received 100,000 AF of transfer water, in accordance with the delivery schedule contained in the agreement.

5.3 All American Canal (AAC) and Coachella (CC) Canal Lining Projects

As part of the QSA and related contracts, the Water Authority contracted with the United States and others for 77,700 AF per year of conserved water from projects that lined portions of the AAC and CC. The projects reduce the loss of water that occurred through seepage, and the conserved water is delivered to the Water Authority. This conserved water will provide the San Diego region with an additional 8.5 million acre-feet (MAF) over the 110-year life of the agreement. In accordance with the contracts, the Water Authority received 80,256 AF of conserved water in CY 2013, which included approximately 2,556 AF of additional supply based on environmental requirements.
5.4 Seawater Desalination Project at Carlsbad

The Carlsbad Seawater Desalination Project (Carlsbad Desalination Project), a fully-permitted seawater desalination plant located adjacent to the Encina Power Station in the City of Carlsbad, is currently under construction. The project, expected to be completed by late 2015, includes the construction of a 50 million gallon per day seawater desalination plant and a 10-mile conveyance pipeline that will deliver desalinated product water to the Water Authority’s aqueduct system. Construction on the desalination plant is approximately 50 percent complete, and five of 10 miles of the conveyance pipeline have been installed as of the date of this report. The Carlsbad Desalination Project is being developed by Poseidon Resources, a private investor-owned company that develops water and wastewater infrastructure.

On November 29, 2012, the Water Authority Board approved a 30-year Water Purchase Agreement with Poseidon Resources for the purchase of between 48,000 and 56,000 AF of desalinated seawater per year. The agreement outlines the commercial and financial terms for the production and delivery of desalinated ocean water from the desalination plant to the Water Authority’s regional conveyance system. It also outlines the terms of the potential purchase of the plant by the Water Authority. Under the agreement, the Water Authority has the option to buy the Carlsbad Desalination Project beginning 10 years after the date of commercial operation to the end of the 30-year term.

The Report’s Appendix contains a list of the specific written contracts, agreements, and environmental permits associated with implementation of the Carlsbad Desalination Project.

5.5 MCB Camp Pendleton Seawater Desalination Project

In December 2009, the Water Authority, in collaboration with Camp Pendleton, completed a feasibility study for a potential 50 to 150 mgd (56,000 to 168,000 AF per year) regional seawater desalination project on Camp Pendleton. The Feasibility Study identified two potential sites with adequate acreage at the southwest corner of the Base near the mouth of the Santa Margarita River suitable for a project of this magnitude, and recommended that more detailed planning studies and cost assessments be performed to evaluate infrastructure requirements, site access, and impacts to base operations.

By mid-2011, based on the recommendations of the 2009 Feasibility Study, the Water Authority began working on the more detailed planning and technical studies to investigate and further refine major project components and their costs. The major components included offshore infrastructure such as the seawater intake and brine discharge facilities, and onshore facilities including the desalination plant and the product water conveyance system. Completed in mid-2013, the studies evaluated the viability of both open ocean and subsurface intake systems and their potential impacts to the marine environment, proposed tunnels that could connect offshore infrastructure to the desalination plant, issues related to siting and development of the desalination plant at each potential site, and possible pipeline alignments and pump station alternatives that could deliver product water to the Water Authority’s regional conveyance system. The studies also evaluated issues related to the integration of this new supply into the Water Authority system. Further project development will follow an adaptive management approach whereby future project development decisions will be based on how local and statewide water resource decisions unfold.
The Camp Pendleton seawater desalination project is considered an additional planned project because it is still in the feasibility planning phase, and is therefore not included in the 2010 projected resources mix shown in Table 1. In the 2013 Master Plan, described in Section 5.1 of this Report, potential implementation of this project is currently considered to occur beyond 2025 and is part of an adaptive management strategy, which is contingent on the progress of other local water supply projects and future availability of imported water.

5.6 Metropolitan Water District of Southern California

The Water Authority’s imported water sources include purchases from MWD. MWD was formed in 1928 to develop, store and distribute supplemental water in Southern California. The Water Authority, one of 26 member agencies, is the largest in terms of water purchases, purchasing 304,027 AF in CY 2013. MWD obtains its water from two sources: the Colorado River Aqueduct, which it owns and operates, and the State Water Project (SWP), for which MWD has a water supply contract with the State of California.

In November 2013, MWD staff submitted an annual report to its Board on implementation of its 2010 Integrated Water Resources Plan (IRP) update. The Board report highlights specific actions that MWD has taken regarding implementation of the IRP during fiscal year 2013 to increase its reliability. The 2013 implementation report can be found on MWD’s web-site at the following link: [http://edmsidm.mwdh2o.com/idmweb/cache/MWD%20EDMS/003734486-1.pdf](http://edmsidm.mwdh2o.com/idmweb/cache/MWD%20EDMS/003734486-1.pdf).

State Water Project

The reliability of SWP supplies is limited by hydrology and pumping restrictions due to state and federal environmental regulations. The goal of the Bay Delta Conservation Plan (BDCP) is to set out a comprehensive strategy for the Delta to restore and protect ecosystem health, water supply, and water quality within a stable regulatory framework. The U.S. Department of the Interior, the U.S. Bureau of Reclamation (Reclamation), the California Natural Resources Agency, and the California Department of Water Resources released the draft Environmental Impact Report (EIR)/Environmental Impact Statement (EIS) on December 13, 2013 for review and public comment. When complete, the proposed BDCP is intended to provide the basis for the issuance of endangered species permits for the operation of the state and federal water projects, to be implemented over the next 50 years. During 2013 and into early 2014, Water Authority staff conducted an analysis of BDCP alternatives and other potential alternatives that have been identified to meet the co-equal goals of ecosystem restoration and supply reliability. The Water Authority has also submitted detailed written comments on the Draft EIR/EIS and is continuing to pursue information regarding cost allocation options that may be pursued.

Colorado River Aqueduct

The Secretary of the Interior signed a historic Record of Decision in December 2007, the Colorado River Interim Guidelines for Lower Basin Shortages and Coordinated Operations for Lake Powell and Lake Mead. It provides a coordinated operation plan for Lake Mead and Lake Powell to implement strategies for Colorado River management, and addresses how water shortages and surpluses in the Lower Basin will be implemented. The Secretary of the Interior has not yet declared shortages under its Interim Guidelines. However, the Colorado River Basin has been in a long-term drought since 2000. While California is largely protected from water cutbacks due to its higher
priority water right, a declared shortage would restrict MWD’s ability to take storage reserves from Lake Mead.

The 2012 Colorado River Basin Water Supply and Demand Study (Basin Study) provided a comprehensive analysis of future supplies and demands on the Colorado River, taking into account factors such as projected changes in climate, population growth, agriculture and business throughout the Colorado River Basin. The study was authorized by Congress and jointly funded and prepared by the U.S. Bureau of Reclamation (Reclamation) and the seven Colorado River Basin States (Basin States). The Basin Study’s findings projected water supply and demand imbalances throughout the Basin and adjacent areas over the next 50 years. Under one scenario, the long-term average imbalance was projected to be greater than 3.2 MAF by 2060. The study also identified potential future actions to help address these imbalances.

In May 2013, Reclamation, in collaboration with representatives from the seven Basin States, launched Moving Forward, an effort that builds upon the Next Steps and Future Considerations identified in the Basin Study, and outlined a phased path of next steps to address projected water supply and demand imbalances in the Colorado River Basin. The first phase involved the formation of three key workgroups to investigate topics including agricultural conservation and transfers; municipal and industrial conservation and reuse; and environmental flows. Each workgroup is currently finalizing their respective Phase I reports, expected in late 2014. Each workgroup has identified areas of focus or case studies for further research to be explored in the next phase of the process. Phase II of the Basin Study’s Next Steps process will likely include undertaking pilot projects in selected areas.

Storage Management Programs
MWD relies on water in its regional storage portfolio to meet the region’s needs during periods when its imported supplies cannot meet demands. The principles that guide the management of supply and storage are based on the framework established in MWD’s Water Surplus and Drought Management (WSDM) Plan. Storage accounts include groundwater and surface storage programs and facilities, within and outside of MWD’s service area. MWD’s storage, excluding emergency storage, at the end of CY 2012 was at an historical high of approximately 2.7 MAF, compared with 1.0 MAF at the end of 2009, during a statewide drought. In CY 2013, which was a very dry year, MWD withdrew approximately 300 hundred thousand AF to meet its demands, bringing its end of year storage balance to 2.4 MAF. With limited supplies available on the SWP in CY 2014 due to the statewide drought emergency, MWD expects to withdraw approximately 1.1 MAF from its storage reserves in order to meet its demands in 2014.

5.7 Update on Shortage Contingency Analysis

As identified in the 2010 UWMP water supply reliability assessment, shortages are not anticipated through 2035 in normal and single-dry years if MWD, the Water Authority and member agency supplies are developed as planned, along with achievement of the SBX7-7 retail conservation target. In multiple dry years, when storage reserves are stretched and MWD is allocating supplies, the potential does exist for shortages, even with implementation of the supply projects and programs identified in the projected water resources mix. For example, after three dry years statewide, if 2015 is also a dry year, MWD may allocate supplies to its member agencies including the Water Authority. To manage potential shortfalls and continue providing a reliable supply, the Water Authority would implement shortage management actions under in its Water Shortage and Drought
Response Plan (WSDRP), to reduce demands and provide additional supplemental dry-year supplies. A copy of the WSDRP can be found at the following link on the Water Authority website: (http://www.sdcwa.org/water-shortage-and-drought-response-plan).

5.7.1 Water Authority Carryover Storage Program
In addition to Water Authority supplies expected during a normal water year, the Water Authority has also invested in carryover storage supplies to assist in achieving reliability in dry years. The Water Authority’s carryover storage program includes both in-region surface water storage and out-of-region groundwater storage in California’s Central Valley. The following is a summary on the status of the two carryover storage projects.

San Vicente Dam Raise Carryover Storage Project
The San Vicente Dam Raise Carryover Storage Project will provide approximately 100,000 AF of local carryover storage and facilitate the reliable and efficient delivery of water to residents and businesses in the Water Authority service area. The storage supplies will be located in the San Vicente Reservoir, and are in addition to supplies stored in the Emergency Storage Project. Construction of the dam was completed in summer 2014, which will be followed by controlled filling of the reservoir in three to five years.

Water Authority’s Out-Of-Region Groundwater Program
In 2008, the Water Authority acquired 70,000 AF of permanent storage allocation in the Semitropic-Rosamond Water Bank Authority and Semitropic Water Bank (40,000 AF and 30,000 AF respectively) located in Kern County. Due to its location near the California Aqueduct, the site was ideally suited for groundwater banking. The Water Authority’s assigned rights also included a firm Program Delivery (put) Capacity of 9,380 AFY and 10,200 AFY of Program Pumpback (take) Capacity. The Water Authority also has rights to additional, non-firm put and take capacity. The 16,100 AF of water initially stored in 2008 remains in the program.

Appendix. Documentation on Water Authority Supplies – Carlsbad Desalination Project

This Appendix contains a list of the specific written contracts, agreements, and environmental permits associated with implementation of the Carlsbad Desalination Project. This documentation was updated since publication of the 2010 UWMP. Documentation for the Water Authority’s other water supplies are provided in the Water Authority’s 2010 UWMP.

The expected supply and costs associated with the Carlsbad Desalination Project are based primarily on the following documents:

- Water Purchase Agreement with Poseidon Resources (Channelside LP) (November 2012)
  A 30-year Water Purchase Agreement with Poseidon Resources for the purchase of between 48,000 and 56,000 AF of desalinated seawater per year. The agreement outlines the commercial and financial terms for the production and delivery of desalinated ocean water from the desalination plant to the Water Authority’s regional conveyance system. It also outlines the terms of the potential purchase of the plant by the Water Authority. Under the agreement, the Water Authority has the option to buy the Carlsbad Desalination Project beginning 10 years after the date of commercial operation and at the end of the 30-year term.
Design-Build Agreement with Poseidon Resources (Channelside LP) (November 2012)
A Design-Build Agreement which establishes terms for implementation of pipeline improvements required to connect the proposed desalinated water conveyance pipeline to existing Water Authority facilities for introduction into the regional aqueduct system.

Agreements Necessary to Accomplish Tax Exempt Project Financing through the California Pollution Control Financing Authority (December 2012)
The project was financed through a combination of private activity bonds and tax-exempt bonds issued by the California Pollution Control Financing Authority. Proceeds of the Plant Bonds will be loaned to Poseidon Resources for the construction of the desalination plant. Debt service on the Plant Bonds is the responsibility of Poseidon and is a major component of the cost of water under the Water Purchase Agreement. Proceeds of the Pipeline Bonds will be loaned to the Water Authority Financing Agency pursuant to a Loan Agreement. The Financing Agency will make these funds available to the Water Authority for the construction of the product water pipeline pursuant to the Installment Sale and Assignment Agreement, the Water Authority in turn will transfer proceeds to a collateral trust where they will be paid to the Pipeline contractor by the trustee. Under the financing agreements, the Water Authority is required to make payments for debt service on the Pipeline Bonds only if water is produced and delivered as required by the Water Purchase Agreement on the commercial operation date. If commercial operation is not achieved or if Poseidon fails to deliver water as required, all obligation to pay pipeline bond debt services falls to Poseidon and the Water Authority has no responsibility for these payments.

Adjustments to the Capital Improvement Program Budget (November 2012)
Adjustments made to increase the CIP budget for the Carlsbad Desalination Project to support the Water Authority’s oversight of project design and construction, and for improvements to the Water Authority’s existing infrastructure.

Federal, State, and Local Permits/Approvals

Carlsbad Desalination Project Final EIR (June 2006)
The City of Carlsbad certified the Final EIR and the final Notice of Determination for the project was signed on June 14, 2006.

NPDES Discharge Permit (August 2006)
The California Regional Water Quality Control Board, San Diego Region issued the NPDES Discharge Permit for the project on August 16, 2006.

Drinking Water Permit (October 2006)
The California Department of Health Services approved the Conditional Drinking Water Permit on October 19, 2006.

Coastal Development Permit (November 2007)
The California Coastal Commission approved, with conditions, the Coastal Development Permit on November 15, 2007. The Coastal Development Permit allows construction and operation of the project in the Coastal Zone.
• **State Lands Commission Lease Application** (August 2008)
  Amends lease of land by Cabrillo Power I LLC (Cabrillo) from the State Lands Commission
  for the lands where the project will be constructed. Cabrillo and Poseidon entered into
  agreement on July 1, 2003, authorizing Poseidon to use those lands to construct the project.

• **Addendum to Final EIR (September 2009)**
  An Addendum to the Final EIR was certified by the City of Carlsbad and Notice of
  Determination for the Addendum was signed on September 15, 2009. The Addendum
  modified water conveyance pipeline alignments.

• **Second Addendum to Final EIR (November 2012)**
  A Second Addendum to the Final EIR was certified by the Water Authority, as a Responsible
  Agency, and a Notice of Determination for the Second Addendum was signed on November
  29, 2012. The Second Addendum made modifications to the previously approved distribution
  and conveyance system for the Carlsbad Desalination Facility, and for the existing Water
  Authority conveyance facilities.

• **Third Addendum to Final EIR (September 2013)**
  A Third Addendum to the Final EIR was certified by the Water Authority, as a Responsible
  Agency, and a Notice of Determination for the Third Addendum was signed on September
  26, 2013. The Third Addendum made modifications to the previously approved distribution
  and conveyance system for the Carlsbad Desalination Facility.
August 20, 2014

Attention: Water Planning Committee

Water supply and drought management update. (Discussion)

Purpose
To provide an update on water supply conditions and drought management activities in accordance with the Water Authority’s Water Shortage and Drought Response Plan.

Background
On July 24, 2014, the Board approved notification to the Water Authority member agencies of a Drought Alert condition, which includes mandatory water use restrictions; and declared implementation of Supply Enhancement Stage of the Water Authority’s Water Shortage and Drought Response Plan.

The actions were based on three primary findings: 1) preserve water supplies in storage to minimize cutbacks should drought conditions continue through 2015 or beyond; 2) continued extreme drought conditions in the San Diego region will have a major influence on water use; and 3) assist member agencies in compliance with the State Water Resources Control Board (SWRCB) emergency regulations.

The SWRCB emergency regulations became effective July 29, 2014. The emergency regulation consists of two main sections: 1) water waste prohibitions applicable to all Californians; and 2) requirement that water suppliers activate their drought response plans at a level that includes mandatory outdoor water use restrictions and report monthly on potable water production.

As a wholesale agency, the Water Authority has a limited role in implementing the mandatory water conservation measures due to the inability to enforce restrictions at the customer level. In addition, with the member agencies already reporting water production data, the Water Authority providing regional water use data would result in double counting. For these reasons, the emergency regulations do not apply to wholesale water agencies. As the regional wholesale agency, the Water Authority still maintains an important role in coordinating drought response actions within the San Diego region.

Regarding implementation of the Supply Enhancement Stage of the Water Authority’s Water Shortage and Drought Response Plan, while there are limited dry-year supplies currently available, staff will monitor supplemental supply availability and, pending improved water supply conditions, identify potential water transfer opportunities in preparation for 2015. This includes assessment of extracting Central Valley groundwater storage reserves.

Discussion
Member Agency Compliance with SWRCB Emergency Regulations
As of August 18, 2014, 17 member agencies are at a mandatory level in their ordinances, with the remainder in the process of considering action to move to a mandatory level. In accordance with the regulations, starting August 15, 2014, the member agencies also began providing monthly water production data and identifying the stage invoked of the agencies’ ordinance.
Drought Conditions
As of August 12, 2014, the United State Drought Monitor identified approximately 82 percent of the state in extreme or exceptional drought. These classifications are displayed in Figure 1 as the red and dark red colors covering California. San Diego County is classified as being in an extreme drought condition. The classifications are based on a number of indicators, such as, precipitation, streamflow, soil moisture and drought impacts.

When further evaluating supply conditions during the summer and early fall, the focus is primarily on tracking storage reserves and water use. Reports during the remainder of the year will focus on monitoring precipitation, snowpack and runoff levels.

Storage Conditions
State Water Project
As shown in Table 1, storage levels in the State Water Project (SWP) major reservoirs are well below average for this time of year. As a comparison, the percent of average in August 2013 for combined Lake Oroville and San Luis Reservoir was at about 68 percent of average. The percent of average for the two reservoirs combined has now dropped to 47 percent.

Table 1: Reservoir Storage Levels on August 18, 2014

<table>
<thead>
<tr>
<th>Reservoir</th>
<th>Storage in MAF</th>
<th>Percent of Capacity</th>
<th>Percent of Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oroville</td>
<td>1.15</td>
<td>32%</td>
<td>47%</td>
</tr>
<tr>
<td>San Luis*</td>
<td>0.41</td>
<td>20%</td>
<td>44%</td>
</tr>
<tr>
<td>Combined</td>
<td>1.56</td>
<td>28%</td>
<td>47%</td>
</tr>
</tbody>
</table>

*San Luis storage includes SWP and Central Valley Project. SWP share in San Luis was approximately 165 TAF.

Colorado River Basin
Table 2 shows the storage levels of Lake Powell and Lake Mead on the Colorado River. As of August 18, 2014, Lake Mead was still at its lowest level since the reservoir was initially filled in the 1930s. For the remainder of 2014, the Bureau of Reclamation projects that Lake Mead’s level will stabilize and slightly increase during the fall and will end the year a few feet above its current elevation. The combined storage in Powell and Mead at 45 percent of capacity is similar to the combined storage levels in August 2013, which were at approximately 46 percent of capacity.

Table 2: Reservoir Storage Levels on August 18, 2014

<table>
<thead>
<tr>
<th>Reservoir</th>
<th>Storage in MAF</th>
<th>Percent of Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lake Powell</td>
<td>12.4</td>
<td>51%</td>
</tr>
<tr>
<td>Lake Mead</td>
<td>10.0</td>
<td>38%</td>
</tr>
<tr>
<td>Combined</td>
<td>22.4</td>
<td>45%</td>
</tr>
</tbody>
</table>
Metropolitan Water District (MWD) staff has not provided a recent update on the water supply and demand balance for their service area or the status of their storage reserves. It is anticipated that they will provide an update at the October 2014 MWD Board meeting.

**Local Storage Reserves**
Total local reservoir storage at the end of July 2014, including the Water Authority’s carryover storage, was approximately 226,100 acre-feet (AF), which is 39 percent of capacity. In addition, the Water Authority has approximately 16,100 AF in the Semitropic groundwater storage bank.

**Total Potable Water Use**
Figure 2 compares the Water Authority member agencies’ total monthly water use, excluding recycled water use, for FY 2014 to FY 2015. The member agencies’ total potable use in July 2014 was approximately 58,500 AF, which is approximately the same as in July 2013, with a less than one percent increase. This very slight increase in water use could again be attributed to warmer weather compared with the year prior. Figure 3 shows that the average daily maximum temperature in July was 3.7 degrees above normal where July 2013 was below normal. In addition, the Water Authority’s and member agencies’ heightened outreach is just beginning and mandatory use-restrictions were not yet in place in July.

![Figure 2: Member Agency Total Potable Monthly Water Use (acre-feet)](image-url)
The National Weather Service’s Climate Prediction Center (CPC) is predicting above average temperatures from August through October throughout California, based on their July 17, 2014 forecast. On August 7, 2014, the CPC also predicted the chance of El Niño decreasing to about 65% during the fall and early winter. Historically, strong El Niño events can bring wetter weather to California, particularly to southern California.

Member Agency Review of MWD Water Supply Allocation Plan
Staff is participating in a MWD member agency workgroup that is reviewing MWD’s Water Supply Allocation Plan (WSAP). The group will be reviewing and providing input on elements of the methodology, including the baseline, allocation formula and enforcement. MWD staff anticipates providing an informational report to their Board on the proposed modifications in November 2014 and request approval in December 2014. Staff will meet with the member agencies in the fall to discuss the potential modifications to MWD’s WSAP and review the Water Authority’s supply allocation methodology contained in the Water Shortage and Drought Response Plan. Staff will also provide reports to the Board on these efforts.

At the request of the Board, staff has also begun work on preparing future supply and demand scenarios for the San Diego region. The “what-if” scenarios will consider the potential supplies available from MWD, Water Authority supplies - including Colorado River transfers and projected yields from the Carlsbad Desalination Project, local supply availability and projected demands. Staff plans to provide these scenarios to the Board in September.

Prepared by: Dana Friehauf, Acting Water Resources Manager
Reviewed by: Ken Weinberg, Director of Water Resources
August 20, 2014

Attention: Water Planning Committee

Report on potable reuse efforts and direct staff to further assist member agencies with planning, regulatory advocacy and regional outreach for potable reuse projects. (Action)

Staff recommendation
Direct staff to proceed with expanding the assistance provided to member agencies developing potable reuse projects in the Water Authority’s service area in the following key areas: 1) enhanced public outreach and messaging, 2) engaging with regulatory agencies and the State Drinking Water Program’s Expert Panel, 3) assist in planning of projects by securing external funding for local projects; and 4) work with member agencies to develop and implement a regional public outreach plan in support of potable reuse.

Alternative
Maintain existing level of activities in support of potable reuse.

Fiscal Impact
The Water Resources Department budget for FY 15 includes up to $30,000 in the FY 2015 for water recycling outreach, technical support and regulatory activities in support of member agencies projects. Staff will report out to the Board on expenditures and activities as support efforts are further developed.

Previous Board Action
On May 22, 2014, staff reported to the Board on the background of potable reuse in California; city of San Diego staff presented an update to the Board on the city’s Pure Water San Diego program; and the Water Authority Board adopted Resolution No. 2014-11 supporting the Pure Water San Diego program sponsored by the city of San Diego.

Background
There are currently numerous drivers that make potable reuse an attractive option not only for our region, but for the state of California as well. Climate change is creating unpredictable weather patterns, which may result in recurring droughts and cause scarcity of water supply. Potable reuse is a renewable resource, which can provide a cost effective and sustainable, high-quality water supply. Being able to maximize the use of all recycled water can reduce the impacts and costs associated with discharging waste to the ocean.

De facto or incidental reuse has taken place for many years as wastes are discharged to rivers and collected and treated for potable water supplies downstream. Clean Water Act standards placed on waste discharges and treatment requirements for water suppliers through the Safe Drinking Water Act have been designed to avoid waterborne disease outbreaks and to ensure a safe and reliable potable water supply for customers. These requirements protect the public from waterborne disease outbreaks and health impacts from chemical constituents and emerging
compounds. Although planned indirect potable reuse through groundwater recharge in California was practiced in the 1930s in Los Angeles, the longest standing groundwater recharge project in California has been in existence since 1962. Recycled water may be percolated through into the groundwater, or highly treated water can be directly injected into the groundwater basin.

In the early and mid-1990s, the Water Authority and the city of San Diego proposed a potable reuse project that would advance treat recycled water from the North City Water Reclamation Plant and convey it to San Vicente Reservoir where it would blend with imported and local surface water prior to being treated at a surface water treatment plant. The Water Authority created a citizens advisory group of representing business, education and environmental groups to advise the Water Authority on the suitability of potable reuse as a water supply for San Diego County. In 1994 the Repurified Water Review Committee recommended to the Water Authority that potable reuse be pursued as part of diversified mix of water supplies. The Water Authority sponsored the work an Independent Advisory Panel for indirect potable reuse and along with the City of San Diego conducted detailed studies which were submitted to state health authorities to determine regulatory guidelines for an indirect potable reuse project blending advanced treated recycled water in San Vicente Reservoir. The California Department of Public Health (CDPH) approved this concept of reservoir augmentation in 1996, but no reservoir augmentation project has been built in California. In 1998, the Water Authority co-funded a report by the National Research Council on “Issues in Potable Reuse: The Viability of Augmentation Drinking Water Supplies with Reclaimed Water” which concluded that planned indirect potable reuse is a viable option.

In 2006, the city of San Diego again began planning for a potable reuse project, and in 2012, CDPH and the San Diego Regional Water Quality Control Board conceptually approved the city of San Diego’s proposed indirect potable reuse project for surface water augmentation through San Vicente Reservoir. The State Water Resources Control Board Division of Drinking Water (SWRCB-DDW), formerly CDPH, has the authority to permit direct potable reuse projects, but no projects have been proposed or approved in California. Two direct potable reuse projects were recently approved in Texas in response to extreme drought conditions and were recently placed into operation. The many years of advanced research in potable reuse in California and elsewhere have proven that reliable technology is now available to allow agencies to consider direct potable reuse as a potentially viable and acceptable treatment option. A direct potable reuse treatment scheme, if approved by SWRCB-DDW, will permit water suppliers in San Diego to maximize the use of existing infrastructure and produce a new, safe, and viable potable water supply for our region. As water supplies become scarcer, particularly in the arid west, more such projects are likely to be proposed.

Several Water Authority member agencies have expressed interest in potable reuse and are in the beginning stages of developing projects.

- The city of San Diego has completed a Recycled Water Study and Advanced Water Purification Facility Study Report; is proceeding with a reservoir augmentation project via San Vicente Reservoir; and is also partnering with the WateReuse Research
Foundation to monitor, evaluate, and demonstrate a test plan for direct potable reuse at the city’s advanced water treatment demonstration facility. The city’s implementation of potable reuse could provide an important water supply while reducing discharges to the ocean.

- The city of Oceanside, in 2014, initiated an indirect potable reuse and pathogen removal study to evaluate indirect potable reuse in the Mission Basin.

- Having completed groundwater studies, Padre Dam has recently initiated a pilot testing program at their water reclamation facility; is proposing to develop potable reuse through groundwater recharge in the Santee Basin; and is working with Helix Water District to evaluate potable reuse through reservoir augmentation.

- The city of Escondido recently completed a feasibility study for a reservoir augmentation project using advance treated water from the Hale Avenue Resource Recovery Facility, which would solve two important challenges for the city: dependence on imported water and the city’s outfall issues.

- Olivenhain MWD is evaluating conjunction use in the San Elijo and San Dieguito groundwater basins for brackish water extraction and recharge with recycled water.

Other member agencies are also proceeding with important studies and planning. As currently proposed, these projects would include indirect potable reuse through groundwater recharge or surface water (reservoir) augmentation. These projects are not “one-size-fits-all,” which highlights the need for a flexible regulatory framework for approval of potable reuse projects in California. In addition, agencies may consider their projects in a different light if the State determines that direct potable reuse is a viable option in California.

Discussion

Current Water Authority Activities in Support of Potable Reuse
The Water Authority’s Strategic Plan, adopted by the Board of Directors in 2008, specifically states as an objective that by January 1, 2012 a majority of residents of San Diego County

“will know, understand and believe that indirect potable reuse is part of the existing water supply and is a safe and acceptable part of the region’s water supply”.

The 2008 Strategic Plan goes on to state that success will be defined when “Indirect potable reuse is part of our treated water supply”. The Water Authority has been a staunch supporter and an active participant in advancing the goal of implementing potable reuse in San Diego County for over 20 years. The more recent focus of the Water Authority’s efforts to advance potable reuse has been through advocacy for legislation and regulations that move projects forward in the near term. Water Authority staff has been prominently involved through participation in the WateResue Association Potable Reuse Task Force, WateReuse Legislative and Regulatory
Committee and though other regulatory advocacy venues, including attending and providing comments at Expert Panel meetings is continuing to support member agencies’ interests.

The Water Authority has been able to track trends in public acceptance of recycled water through its public opinion survey. This effort provides a foundation for member agency outreach and measures the effectiveness of outreach efforts. In 2012, 71 percent of respondents believed that it is possible to further treat recycled water used for irrigation to make the water pure and safe for drinking. This is an increase over the 2011 survey finding where 66 percent felt that it is possible to further treat recycled water for drinking purposes. However, both the 2011 and 2012 survey results represent a substantial increase over the 2009 survey response where just 53 percent thought it was possible.

SB 918 in 2010 and SB 322 in 2013 were legislation sponsored and actively supported by the Water Authority that expedited specific regulations for indirect potable reuse use surface war augmentation and sought acknowledgement by the state that direct potable reuse was a viable water supply option. Specifically the bills directed the Department of Public Health to:

1. Adopt regulations for indirect potable reuse through groundwater recharge by December 31, 2013 (later moved to July 1, 2014);
2. Form an expert panel to provide recommendations to CDPH on the surface water augmentation regulations and feasibility of direct potable reuse;
3. Form a public advisory group representing diverse water supply, environmental, and business interests to provide input to the expert panel on issues related to direct potable reuse, with all of the public advisory group meetings to be open and transparent public meetings;
4. Adopt regulations for surface water (reservoir) augmentation by December 31, 2016; and
5. Report to the legislature by December 31, 2016, on the ability to adopt regulations for direct potable reuse.

In June 2014, CDPH adopted regulatory criteria for approval of groundwater recharge projects. SB 322 was critical in helping move the evaluation of direct potable reuse forward in a timely manner in California. In February 2014, CDPH formed the Public Advisory Group, which has held two meetings to date. The city of San Diego and Padre Dam Municipal Water District are represented on the Public Advisory Group as well as other San Diego interests. In its first meeting, the Public Advisory Group provided recommendations to the State on the formation of an Expert Panel to provide recommendations on technical issues related to surface water augmentation criteria and the feasibility of adopting regulations for potable reuse. Based on discussions at its second meeting, the Public Advisory Group will likely weigh in on issues such as the need for potable reuse in California; economic impacts and viability of implementing potable reuse; public health concerns including emerging contaminants; and will raise issues of public interest that may need to be addressed by the Expert Panel.

In the first of its two meetings held to date, the Expert Panel considered the proposed research agenda of the WateReuse Research Foundation, and provided recommendations to the SWRCB-DDW regarding possible research gaps. At the Panel’s second meeting, the SWRCB-DDW
presented for consideration a proposed framework for surface water augmentation, the focus of which will be on multiple treatment barriers for removal of pathogens and chemical constituents and approaches for ensuring the reliable monitoring and operation of the treatment processes. The surface water augmentation proposal will provide for flexibility in the range of reservoir size and configuration that may be acceptable for surface water augmentation projects. Also for consideration, the SWRCB-DDW has developed a list of issues as it relates to direct potable reuse. Concepts regarding direct potable reuse are similar to the framework for surface water augmentation with an increased emphasis on reliability, including monitoring, operator qualifications, and response to treatment failures.

A key issue for both the Expert Panel and Public Advisory Group is whether there is a real need to implement direct potable reuse and whether other indirect potable reuse options or non-potable reuse would be adequate going forward. Information on water supply needs and reliability and costs of other recycled water options will be important. Water Authority staff and staff from the member agencies are closely following both the Expert Panel and Public Advisory Group efforts by attending meetings open to the public.

The Importance of Science Based Regulation and Informational Outreach
The primary obligation of all drinking water suppliers is to protect the public health. Regulations and transparency of information ensure that drinking water is safe and that information is available to the public to instill confidence that the public’s health is protected. Any potable reuse project will be required to achieve the same high standard of public health protection as any other drinking water supply. Because of the high standard involved in protecting public health and the extensive use of treatment technology to meet drinking water standards for potable reuse science based research is essential to both the regulatory development process and in ensuring an informed public. The Water Authority has been active in promoting the importance of research in regulation development.

In 2012, the WateReuse Association and the WateReuse Research Foundation launched a potable reuse initiative and raised over six million dollars to fund the research necessary to overcome any regulatory, scientific, technical and public perception barriers to potable reuse. The San Diego region has been a strong supporter of the direct potable reuse initiative. The Water Authority and several member agencies have provided direct contributions to this effort. An additional $2.113 million from the San Diego Integrated Regional Water Management program and DWR will fund the WateReuse Research Foundation’s “Failsafe Potable Reuse at the Advanced Water Purification Facility” project. The Water Authority supports this effort through its management of the San Diego IRWM grant program. Attachment A is a summary of the current status of the WateReuse Research Foundation Projects. This research will be an important part of the State’s development of indirect and potentially direct potable reuse regulations and will provide objective science based information for the public to understand the levels of protection and safety that go in to developing this important new supply.

Staff Recommendation
Direct Water Authority staff to support member agencies in three key areas: Public outreach and messaging, engaging with regulatory agencies and the Expert Panel, and helping secure funding
for local projects. While member agencies will lead the development of their own specific projects, there is a need for regional coordination and collaboration on potable reuse issues. Water Authority staff will continue to engage with member agencies and the SWRCB-DDW to ensure that the regulatory framework that is developed by the SWRCB-DDW and reviewed by the Expert Panel takes into consideration the wide range of approaches expected as part of member agency projects.

In addition, Water Authority staff can support member agencies by actively engaging in public outreach in support of the member agency projects and in coordination with the member agencies. This support may include:

1. Coordination with member agencies through JPIC to develop common outreach messaging that will support potable reuse projects;
2. Outreach to the general public to increase public acceptance of potable reuse through presentations, development of handout materials for public outreach events, and sharing of information through the Water Authority’s website;
3. Communication to regional, local, state, and federal elected officials on the importance of potable reuse for the San Diego region to gain support for potable reuse;
4. Communication with the State Water Resources Control Board members and staff on the safety and importance of potable reuse; and
5. Collaboration with other organizations that support potable reuse including WateReuse, the Water Reliability Coalition, and state and local environmental groups on common outreach to support potable reuse.

If the Staff recommendation is approved by the Board, staff from the Water Resources Department and Public Outreach & Conservation will work with interested member agencies and return with a more detailed work plan that achieves the objectives outlined above.

Prepared by:  Toby Roy, Water Resources Manager, Regulatory Policy
Reviewed by:  Ken Weinberg, Director of Water Resources
Approved by:  Sandra L. Kerl, Deputy General Manager

Attachment:  WateReuse Spring/Summer 2014 Progress Report on California Direct Potable Reuse Initiative
California Direct Potable Reuse Initiative

REPORTING ON OUR PROGRESS

Thank You to Our Sponsors!
Spring/Summer 2014
Off to a Great Start!

The WateReuse Research Foundation, in partnership with WateReuse California, launched the DPR Initiative in June of 2012 to advance DPR as a water supply option in California. This was driven by the establishment in recent years of statewide goals for the use of recycled water, and a mandate from the California legislature to come up with a feasibility study by 2016 to investigate developing uniform water recycling criteria for DPR.

Since then, the DPR Initiative has raised almost $6 million for cutting edge DPR research. This includes $500,000 in matching funds from The Metropolitan Water District of Southern California (MWD) to fund four projects on public acceptance, critical control points, source water control, and development of an operations plan. Additionally, we forged a valuable partnership with the Water Research Foundation, resulting in WRF along with six of its member agencies funding and managing two research projects (worth $600,000) from the list of 22 identified as essential by experts at a WRRF workshop. WRRF welcomed this additional support to augment the leadership shown by California municipal water agencies and other stakeholders. Not included in that total is a $2.1 million grant application to the State of California that has been approved for a DPR demonstration project. This work in San Diego is expected to start this fall.

WateReuse Research Foundation DPR Research Program

The Beginnings

This Initiative was built upon a solid DPR Research Program that started in 2011 when WRRF began funding research identified by WateReuse’s Direct Potable Reuse: A Path Forward, the 2012 NRC report on potable reuse, and the investors of the California DPR Initiative. The six resulting projects initiated in 2011 and 2012, representing over $3.8 million in research, created a solid foundation exploring the viability of DPR. Significant findings and conclusions will arise from these initial DPR projects and will help steer future DPR research.

Launching of the DPR Initiative

WRRF and WRCA hosted a DPR Research Needs Workshop at West Basin’s Edward C. Little Water Recycling Facility in December 2012 to identify research gaps to be addressed in new research. Attended by more than 50 (Appendix A) international leaders in potable reuse, the workshop divided the experts in industry, academics, consulting, and regulators into four strategic breakout groups (Operations, Quality Assurance, Treatment Technology, and Public Acceptance). Descriptions for 22 projects resulted and were ranked by the workshop attendees.
This ranked list was submitted to the Foundation’s Research Advisory Committee (RAC) for review and selection at their January 2013 meeting. The RAC further developed four projects addressing regulatory, utility, and community concerns. This 2013 DPR research approved by the Board (WRRF-13-02, 13-03, 13-12, 13-13) totals $1,000,000 and is funded by the CA DPR Initiative donors as well as Metropolitan Water District of Southern CA. This program is further enhanced by collaboration with the Water Research Foundation (WRF), who is funding and managing an additional two projects (WRF4536 and 4506) at $600,000.

The RAC again met in January 2014 and added more important research to address key questions in DPR. The RAC built off of existing projects and recommended research to develop four new projects to be started in 2014. These projects were approved by the Board in March and add another $1 million to the DPR program to address technical and public acceptance concerns with DPR. The nine projects funded by the DPR Initiative are represented below.

### Current DPR Research

<table>
<thead>
<tr>
<th>Project #</th>
<th>WRRF Project Manager</th>
<th>Research Project Title</th>
<th>Principal Investigator</th>
<th>WRRF DPR Initiative</th>
<th>In Kind Contribution</th>
</tr>
</thead>
<tbody>
<tr>
<td>WRRF-13-02</td>
<td>Stefani McGregor</td>
<td>Model Public Communication Plan for Advancing DPR Acceptance</td>
<td>Mark Millan, Data Instincts; Patsy Tennyson, Katz &amp; Associates</td>
<td>$337,125</td>
<td>$272,606</td>
</tr>
<tr>
<td>WRRF-13-03</td>
<td>Justin Mattingly</td>
<td>Critical Control Point assessment to quantify robustness and reliability of multiple treatment barriers of DPR scheme</td>
<td>Troy Walker, Hazen &amp; Sawyer</td>
<td>$300,000</td>
<td>$238,969</td>
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<td>WRRF-13-12</td>
<td>Stefani McGregor</td>
<td>Evaluation of Source Water Control Options and the Impact of Selected Strategies on DPR</td>
<td>TBD</td>
<td>$150,000</td>
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<tr>
<td>WRRF-13-13</td>
<td>Justin Mattingly</td>
<td>Development of Operation and Maintenance Plan and Training and Certification Framework for Direct Potable Reuse (DPR) Systems</td>
<td>Troy Walker, Hazen &amp; Sawyer</td>
<td>$250,000</td>
<td>$85,000</td>
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<tr>
<td>WRRF-13-15</td>
<td>John Whitler (WRF)</td>
<td>Blending Requirements for Water from Direct Potable Reuse Treatment Facilities</td>
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<td>$325,000</td>
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<td>WRRF-13-14</td>
<td>John Whitler (WRF)</td>
<td>Assessment of Techniques to Evaluate and Demonstrate the Safety of Water from Direct Potable Reuse Treatment Facilities</td>
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<td>$275,000</td>
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<td>WRRF-14-01</td>
<td>Justin Mattingly</td>
<td>Integrated Management of Sensor Data for Real Time Decision Making and Response</td>
<td>TBD</td>
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<td>WRRF-14-02</td>
<td>Stefani McGregor</td>
<td>Establishing additional log reduction credits for WWTWs</td>
<td>TBD</td>
<td>$400,000</td>
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<tr>
<td>WRRF-14-03</td>
<td>Justin Mattingly</td>
<td>Develop Methodology of comprehensive (fiscal/triple bottom line) analysis of alternative water supply projects compared to DPR</td>
<td>TBD</td>
<td>$250,000</td>
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</tr>
</tbody>
</table>
CDPH Expert Panel

On March 5, NWRI convened a kickoff conference call with CDPH staff, expert panelists, and WRCA/WRRF staff. The objectives of the call were to (1) Provide an overview of the CDPH’s mandate regarding the Expert Panel, (2) Review the Panel’s scope of work, and (3) Review DPR research efforts to date and future research needs. The Foundation staff provided a 30 minute overview of our DPR research, initiating in 2011 and gaining new momentum in with the launch of the DPR Initiative. A preliminary report was drafted by Jeff Mosher and shared with the Foundation Board at the March 26 meeting. A formal response from the Expert Panel is expected in the end of April to advise the Foundation on remaining research gaps. The Foundation will assemble an ad-hoc RAC group to review the report and develop new research to add to our 2014 program.

### CDPH Expert Panel Members

- Rhodes Trussell, Trussell Technologies (Chair)
- Michael Anderson, UC Riverside
- Dick Bull, MoBull Consulting
- Jörg Drewes, Technische Universität München
- Chuck Haas, Drexel University
- Walter Jakubowski, WaltJay Consulting
- Perry McCarty, Stanford University
- Kara Nelson, UC Berkeley
- Adam Olivieri, EOA, Inc.
- Joan Rose, Michigan State University
- David Sedlak, UC Berkeley
- Tim Wade, US EPA.

### Advisory Committee Representatives

- Ray Tremblay, LACSD
- Jim Fiedler, Santa Clara Valley Water District
- Marsi Steirer, City of San Diego
- Mike Wehner, Orange County Water District
- Al Lau, Padre Dam Municipal Water District
- Keith Solar, San Diego County Taxpayers Association
- Traci Minamide, LA Bureau of Sanitation
- Garry Brown, Orange County Coastkeeper
- Andria Ventura, Clean Water Action
- Conner Everts, Environmental Justice Coalition for Water
- Fran Spivy-Weber, SWRCB
- Alisa Reinhardt, San Diego Regional Chamber of Commerce
- Charles Mosher, Mariposa County Health Department
- Bruce Macler, U.S. EPA
- Mark Bartson, CDPH
Project Status Summaries

WRFF-13-02: Model Public Communication Plan for Advancing DPR Acceptance

The objective of this project is to establish a framework communication plan and develop an implementable, strategic communication plan to achieve DPR acceptance for the State of California. The contractor-led portion of this high profile project officially commenced on October 15, 2013. The Data Instincts project team led by Mark Millan meets weekly by phone and is active on several fronts at this time:

- A literature review and summary were completed.
- One-on-one interviews were conducted with individuals at a variety of agencies/utilities who are considering potable reuse to learn what concerns/challenges they face.
- PAC Workshop #1 was held March 19th in Newport Beach
- Target audience lists were assembled and draft questions for one-on-one interviews with representatives of these target audiences were prepared, both were reviewed by the PAC at Workshop #1. The PAC and project team also discussed which Legislators, Health Officials, and Special Interest groups would have the most valuable input, and a priority list was developed for the team to use when assembling interview subjects.
- One on one interviews with Legislators are currently taking place, and the team is working to schedule interviews with Health Officials and Special Interest groups.
- Next steps: The two model communities selected are San Diego and Santa Clara. The team will survey and interview these communities to test and refine their messaging. A second workshop is being held in July to review findings from all of the interviews and focus groups and begin to plan for Phase II (development of a toolkit of materials to be used for outreach)

LEFT: A delegation from the Model Public Communication Plan for Advancing DPR Acceptance Project (WRFF-13-02) traveled to Brisbane to meet with the Australian Water Recycling Centre of Excellence on March 24-26. Project PI Mark Millan, Research Manager Stefani McGregor, and PAC members Dave Smith and Ron Wildermuth toured the Bundamba Advanced Water Treatment Plant and received an overview of South-East Queensland history on challenges around water supply and water reuse from Don Alcock, Sue Keay, and Greg Oliver of the AWRCoe. The tours were followed up by a two day forum with presentations from both groups and their respective project teams and provided an opportunity to explore for cross-linkages and collaboration between AWRCoe and WRFF projects (NDEEP and 13-02); and to share knowledge around drivers and needs of the industries in both countries.
WRFF-13-03: Critical Control Point Assessment to Quantify Robustness and Reliability of Multiple Treatment Barriers of DPR Scheme

Objectives:
1. Conduct hazard assessment for key unit operations for two or more direct potable reuse (DPR) treatment trains, including the following:
   a. MF/UF – RO – UV/H₂O₂ – Cl₂ – Engineered Storage
   b. O₃ – BAC – GAC – UV – Cl₂ – Engineered Storage
2. Develop best design, monitoring, and operational practices by evaluating critical process control points in each of the DPR treatment trains evaluated to meet overall system robustness and reliability.
3. Develop standard design approaches and response strategies (i.e., operations plan and standard operating procedures) to mitigate upset events to strive towards ‘fail-safe’ operation of a DPR plant.

Research Approach:
- Conduct hazard assessment for key unit operations and determine critical control points
- Conduct bench/pilot level challenge test studies
- Conduct Monte Carlo risk analysis and develop standard design approaches, operational procedures, and response strategies

The contractor-led portion of the project officially commenced on December 3, 2013. The Hazen & Sawyer project team is led by Troy Walker and Ben Stanford.

- A multi-disciplinary Hazard Analysis and Critical Control Points (HACCP) team has been assembled to assist in the delivery of the project outcomes.
- The first HACCP workshop was held on February 25th and 26th resulting in the first determination of critical control points and monitoring options determined.
- Critical Control Points (CCP) for both processes (FAT membrane treatment and Ozone/BAC/GAC/UV) were identified.
- Key items for utility data gathering were identified and actions for collection.
- Detailed water quality risk assessment to be undertaken separately (more value for the team to work on CCP selection).
- A “kick-off” conference call was conducted on April 10th between the project team, PAC, and PM.
- In addition, the literature review is underway and operating data from participating utilities is continually being gathered.
WRRF-13-12: Evaluation of Source Water Control Options and the Impact of Selected Strategies on DPR

The goals are to evaluate upstream wastewater treatment impacts (e.g. N/dN-nitrification/denitrification, industrial source control) on DPR source water quality and DPR process, and to evaluate impact of hydraulic control mechanisms (e.g. flow equalization and source water storage buffers) on influent water quality and flow variations that "stress" the DPR process.

Proposal selection has occurred and contracting is in process so that an award should be announced shortly.


The object of this project is to develop a standard operations and maintenance plan for various DPR treatment processes, including appropriate portions of the upstream secondary wastewater treatment processes providing feedwater to the DPR processes. A DPR Training and Certification framework for DPR system operators will also be developed.

Proposal selection has occurred and contracting is in process so that an award should be announced shortly.
WRF 4536: Blending Requirements for Water from DPR Treatment Facilities

The objective of this project is to optimize with respect to water quality, the blending of DPR water with existing water supplies based on existing information. Phase II will conduct case studies of selected blending strategies. Proposal selection has occurred and contracting is in process so that an award should be announced shortly. Water Research Foundation will fund and manage this project.

Blending Locations proposed for analysis (taken from awarded team’s (TBA) proposal)

WRF 4508: Assessment of techniques for evaluating and demonstrating safety of DPR product water

The objectives of this project are to evaluate known techniques/methodologies (and potentially develop new technologies) for the assessment of DPR water safety (work with public outreach group to identify key criteria by which public would evaluate safety); to evaluate the effectiveness of currently accepted and alternative treatment trains for the production of DPR water using the developed techniques; and to develop tools and methods for utilities to demonstrate water safety to the public, elected officials, etc. Proposal selection has occurred and contracting is in process so that an award should be announced shortly. Water Research Foundation will fund and manage this project.

Treatment technologies are available to achieve any desired level of water quality (taken from EPA, 2012)
The **2014 DPR projects** were approved by the Board on March 26, 2014. Project managers are currently working on forming PACs and refining RFPs. RFPs can be expected this summer. Please contact Julie Minton or the project manager (see table on page 2) if you would like to serve on the PAC or if your utility would like to participate on the project (e.g. provide in-kind support). Additional DPR projects will be announced later in the year.

**WRRF-14-01: Integrated Management of Sensor Data for Real Time Decision Making and Response**

The objectives of this project are as follows:

- Develop an operation support tool that integrates diverse sensors within the treatment process for immediate feedback/alerts. Integrate existing sensors as an early warning system for a Direct Potable Reuse (DPR) treatment process to provide:
  - Real time sensor network for tracking system performance and key quality parameters,
  - A tool for early detection of system anomalies prior to any compromise in water quality.
  - Build on criteria developed in WRRF-13-03 and 13-13 for decision making based on established critical control points.
  - Develop framework for sensor data integration based on above criteria.

**WRRF-14-02: Establishing additional log reduction credits for WWTPs**

The objectives are as follows:

- Obtain more accurate picture of the microbial treatment requirements by addressing the major source of uncertainty—the concentration of pathogens in raw wastewater and secondary effluent.
- Establish if there is any correlation between the number of pathogens in raw wastewater and secondary effluent.
- Establish removal credit for biological treatment provided (e.g., activated sludge) for protozoa, bacteria, and viruses.
- Determine validity of pathogen log-removal requirements identified by CDPH for potable reuse projects.
WRFF-14-03, Develop Methodology of comprehensive (fiscal/triple bottom line) analysis of alternative water supply projects compared to DPR

The objective of this project is to develop and demonstrate an assessment method (spreadsheet, database, or other) to provide information to decision makers in considering the full economic, social, and environmental impacts of a DPR water supply versus other alternative supplies.
August 20, 2014

Attention: Water Planning Committee

Ocean Plan Amendments (Information)

Purpose
This report provides information on the current State Water Resources Control Board process that will ultimately result in adoption of an amendment to the state Ocean Plan that will further regulate desalination facility intakes and discharges.

Background
On July 3, 2014, the State Water Resources Control Board (State Board) released a draft proposed amendment (Amendment) to the Water Quality Control Plan for Ocean Waters of California (Ocean Plan) that addresses desalination facility intakes and discharges. The Ocean Plan establishes water quality objectives for California’s ocean waters and provides the basis for regulation of discharges into the California’s coastal waters. The Ocean Plan is typically implemented through National Pollutant Discharge Elimination System (NPDES) permits issued by the regional water boards for all discharges into ocean waters of the State. Since desalination facilities both draw in ocean water and discharge concentrated seawater (or brine) back to the ocean, they are subject to these regulations.

The process to amend the Ocean Plan started in 2007, was then deferred, and re-started in 2011. As part of the process, the State Board engaged expert panels to address intake impacts, mitigation, and brine discharge impacts. In addition, the Water Authority and Poseidon, and CalDesal, along with other coastal water agencies pursuing seawater desalination, participated in multiple stakeholder meetings and public workshops and provided written comments to the State Board as the Amendment was being developed. Water Authority staff and Poseidon representatives also met with State Board staff and Board members on several occasions during the development of the Amendment to discuss its potential impact on the Carlsbad Desalination Project project and the need for the Amendment to recognize site-specific conditions and allow flexibility in how to comply with the new regulations.

While the state’s existing permitting structure has been effectively utilized to permit desalination facilities on a regional basis – most notably the Carlsbad Desalination Project – the purpose of the Amendment is to provide statewide guidance and consistency regarding the permitting of desalination facility intakes and discharges. The State Board is concerned that while the coastal Regional Water Quality Control Boards (Regional Water Boards) could continue to permit new or expanded facilities using best professional judgment on a case by case basis, the evaluation of the technical and biological issues related to desalination facility intakes and discharges is complex and requires significant resources that may not be available at each Regional Water Board. Furthermore, according to the State Board staff, these challenges could lead to varying and inconsistent decision criteria and different conclusions regarding the most appropriate requirements for desalination facilities.
Even though the Carlsbad Desalination Project intake and discharge is currently fully permitted through the San Diego Regional Board, the Amendment and its regulations and requirements will apply to the Carlsbad Desalination Project for two reasons:

1. The renewal of the project’s existing Regional Board permit (covering both intake and discharge) will require compliance with the Amendment.

2. Recent notification that the Encina Power Station will cease operations as early as June 1, 2017. Since the permit for the desalination plant is predicated on operation of the power station and associated cooling water flows, the transition to stand-alone operation of the desalination plant will require planned upgrades to the intake system (addressed in the Water Purchase Agreement) that will be regulated by the Amendment.

**Discussion**

The Amendment contains four primary components intended to address potential impacts to marine life associated with desalination facility intakes and brine discharges:

1. Clarification of the State Water Board’s authority over desalination facility intakes and discharges

2. Guidance to the Regional Water Boards regarding the determination required by the State Water Code (Section 13142.5, subdivision (b)) for the evaluations of the best site, design, technology, and mitigation measures to minimize the intake and mortality of marine life at new or expanded desalination facilities

3. A receiving water limit for salinity applicable to all desalination facilities to ensure that brine discharges to marine waters do not cause adverse effects to aquatic life

4. Specific monitoring and reporting requirements to evaluate actual intake and discharge operational permit compliance and marine impacts

The State Board held a public workshop on the Amendment on August 6, 2014, and a public hearing on the Amendment on August 19, 2014. Both the Water Authority and Poseidon provided verbal and written comments on the Amendment. In addition, the Water Authority participated in the development of comments that were submitted by CalDesal. The remainder of this memorandum includes a summary of the Amendment, and identifies key concerns with the Amendment raised by the Water Authority and Poseidon. Staff will report on the two public meetings at the August 28, 2014, Board meeting.

**Amendment Summary**

As noted above, the Amendment builds upon State Water Code Section 13142.5 (b) that requires “…the best available site, design, technology and mitigation measures feasible shall be used to minimize the intake and mortality of all forms of marine life.” In applying this State Water Code
language to desalination facilities, the Amendment covers the siting of desalination facilities, intake and discharge technology and design as well as the calculation and implementation of mitigation measures. Importantly, the Amendment recognizes that a one-size-fits-all approach to desalination regulations is not appropriate and site-specific considerations must be taken into account. This is a key issue that the Water Authority, Poseidon and other water suppliers have emphasized. The Amendment specifically provides alternative paths to compliance based upon site-specific factors. For example, the Amendment identifies the preferred method for brine discharge as either blending with wastewater in an outfall pipeline or through a separate outfall with multi-port, high pressure diffusers. Both of those methods are designed to promote mixing and dilution of the concentrated seawater. However, the Amendment allows a project like Carlsbad, that relies on dilution water to mix with the brine and discharge through an open channel into the surf zone, to also comply with the regulations. Determinations regarding alternative methods of compliance would be made at the Regional Board level in consultation with State Board staff.

Key Amendment Issues/Concerns

**Intake:** Similar to the approach described above relative to brine discharge, subsurface intakes are identified as the preferred intake technology. The Amendment recognizes the limitations of subsurface intakes (e.g., site-specific hydrogeology, cost, constructability) and provides a path to compliance for those projects such as Carlsbad that utilize a surface intake. One of the implementation details for complying by using surface intakes is that the screens used in the front of the intake would require an extremely small screen slot size. A range of 0.5mm – 1.0 mm has been proposed. The purpose of this small screen size is to reduce the entrainment of fish eggs and larvae. Staff is concerned that, particularly at the lower end of the proposed range, 0.5 mm, there is a lack of operating data regarding the use of such a small screen size for a desalination plant the size of Carlsbad. The use of such an extremely small screen size could inhibit the flow of water, be clogged more frequently, and increase the maintenance costs of the project, reducing the reliability and the efficiency of the desalination plant.

**Discharge:** As noted above, the Amendment identifies wastewater co-mingling and multi-port diffusers as the preferred brine discharge technologies. However, similar to the treatment of alternative intake configurations, the Amendment provides a path to compliance for alternative discharge methodologies, such as flow augmentation – the discharge strategy utilized by the Carlsbad project. Without the power plant operating, the Carlsbad project is required to withdraw an augmented flow of 304 mgd, of which approximately 200 mgd is used to dilute the brine prior to discharge. The Amendment will require the use of low-turbulence, low impact pumps for the dilution water to minimize entrainment impacts.

In order to demonstrate a comparable level of environmental protection, project proponents will be required to compare the marine life impacts of the alternative discharge method proposed versus the preferred technology. At this point, the Amendment lacks the specificity of what precise standard will be required to be achieved through an alternative method. Water Authority
staff and Poseidon believe that the required comparison should be based on science-based objective standards so that the “target” is clearly specified and known.

**Salinity:** Similar to intake and discharge, the Amendment provides for a “facility-specific alternative receiving water limitation” that addresses the slight increase in salinity caused by the brine discharge back to the ocean and its impact on marine life. Staff’s comment on this point is that the alternative receiving water limitation be consistent with other similar Ocean Plan requirements, be science-based, and recognize the mixing zone requirements of the flow augmentation method employed at Carlsbad.

**Mitigation:** As part of the original San Diego Regional Board and Coastal Commission permitting of the Carlsbad Desalination Project, Poseidon was required to develop 55 acres of coastal wetland habitat to mitigate for the marine life impacts of the project under a stand-alone operation (no power plant). The cost for this mitigation, approximately $23 million was included in the project financing that occurred in December 2012. As such, future water purchases by the Water Authority will pay for the cost of the mitigation. After an exhaustive search of available mitigation sites, a location was selected at the south end of San Diego Bay, now the location of a national wildlife refuge, where 2 former salt pond sites will be restored to sub-tidal and inter-tidal wetlands. Currently, Poseidon is working to finalize the environmental documentation as well as the design for the restored wetlands. Construction is expected to begin in mid-2016 and be completed by early 2018. Since the Carlsbad project will be required to comply with the Amendment, staff and Poseidon are working to ensure that the mitigation requirements included in the Amendment align with the mitigation efforts already under way on the Carlsbad project.

After consideration of the comments received, State Board staff plans to release a final draft Amendment in fall 2014 with adoption of the final Amendment scheduled for winter 2014. Water Authority staff will keep the Board informed as the Amendment adoption process unfolds.

Prepared by: Robert R. Yamada, Water Resources Manager
Reviewed by: Ken Weinberg, Director of Water Resources
August 20, 2014

Attention: Water Planning Committee

Water Authority Storage Utilization (Information)

Purpose
The purpose of this report is to summarize the various purposes and uses of Water Authority owned storage and stored water and the underlying planning and operational assumptions.

Background

Prior to 1947, the San Diego region relied on local surface water runoff stored in reservoirs for its water supply. Since its inception, the Water Authority has made use of local surface water reservoirs to manage the region’s imported water supplies. The first Water Authority pipeline supplemented storage at San Vicente Reservoir.

Beginning in 1965, the Water Authority entered into the first of several agreements with a member agency (city of San Diego) to store water for regional purposes. In those early years, the Water Authority maintained storage accounts in member agency reservoirs – primarily those owned by the city of San Diego – to supplement supplies during potential shortages caused by either drought or pipeline service outages. As the San Diego region experienced rapid growth into the 1980s, the Water Authority strongly advocated that more regional storage was necessary to enhance the reliability of imported supplies during emergencies and droughts. No storage much over 12,000 acre-feet in capacity had been built in the region since the early 1950s. In the 1980s, new regional storage was focused on a long identified reservoir site owned by the city of San Diego in the Pamo Valley near Ramona. This site was upstream of Lake Hodges in the San Dieguito watershed and would have been capable of impounding approximately 130,000 acre-feet of water. The proposed Pamo Dam project could capture both seasonal runoff from the San Dieguito watershed and be filled with imported water from an expanded Water Authority aqueduct system. Although an Environmental Impact Report/Environmental Impact Statement (EIR/EIS) was completed for the project, during the permitting process the Pamo Valley was determined to provide critical habitat for an endangered bird species, the Least Bell’s Vireo. It was, therefore, infeasible to site a dam that would inundate Pamo Valley and destroy the Vireo habitat, and the permitting process was discontinued.

The drought of 1987-1992 only reinforced that additional storage was required in San Diego County to buffer the effects from future imported water shortages. After experiencing significant supply cutbacks in 1991-1992, in addition to the need for supply diversification, it became clear that there was insufficient storage capacity in the county to maintain water reliability and avoid severe regional economic impacts. In the early 1990s, the Water Authority began a major effort through the Optimal Storage Study to investigate the need and potential locations for new regional storage in San Diego County. During several years of extensive technical and environmental studies, dozens of possible locations for surface and groundwater storage were evaluated and screened. That process determined that the most pressing need for storage in the region was for emergency
purposes. The study identified a preferred alternative for additional emergency storage in the county consisting of the construction of a new off stream reservoir in a small valley just above Lake Hodges (Olivenhain Dam and Reservoir), and the reoperation of an existing reservoir (Lake Hodges) and the reoperation and expansion of another existing reservoir (San Vicente Dam and Reservoir), both owned by the city of San Diego. Coordinated operation of all three reservoirs for emergency storage purposes would proceed through pipeline interconnections and pumping facilities that would improve the ability to move water throughout the regional aqueduct system.

In 1996, the Water Authority Board of Directors certified the Emergency Storage Project (ESP) Final Environmental Impact Report and Environmental Impact Statement (EIR/EIS), and the federal government issued a Record of Decision. Included in the ESP EIR/EIS was explicit acknowledgment that the final phase of the program – raising San Vicente Dam – could include an additional carryover storage component if it was determined feasible to store more water than the identified emergency need. In April 1998, the Board approved the Emergency Storage Project, including agreements with Olivenhain Municipal Water District and the city of San Diego for joint use of the Olivenhain Reservoir and Lake Hodges and San Vicente Reservoir, respectively. In 2003, the Water Authority Board certified the Final Programmatic Environmental Impact Report for the Regional Water Facilities Master Plan (2003 Master Plan), which included an additional 100,000 acre-foot carryover storage component as part of the San Vicente Dam Raise. In 2008, the Final EIR/EIS for the Carryover Storage and San Vicente Dam Raise Project (CSP) was approved and certified by the Board formally adding an additional 100,000 acre-feet of storage in San Vicente. The Water Authority later acquired Olivenhain Municipal Water District’s rights in the Olivenhain Reservoir. When all components of the ESP and CSP are taken into consideration, the Water Authority’s regional storage is approximately 200,000 acre-feet, an amount significantly greater than what had been originally proposed for Pamo Dam.

Currently, the Water Authority is storing about 50,000 acre-feet of untreated water in six reservoirs within the San Diego region. The Water Authority generally stores most of its water for emergency and carryover purposes, but 2014 is unique since there is need for more operational storage to minimize regional impacts during a number of relining projects. All storage can be utilized in an emergency event, if directed by the Board.

Current Water Authority storage is as follows:

<table>
<thead>
<tr>
<th>Facility</th>
<th>Capacity</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Olivenhain Reservoir</td>
<td>18,021 acre-feet</td>
<td>Emergency</td>
</tr>
<tr>
<td>Hodges Reservoir</td>
<td>8,522 acre-feet</td>
<td>Pump storage operations</td>
</tr>
<tr>
<td>San Vicente Reservoir</td>
<td>23,125 acre-feet</td>
<td>Operational</td>
</tr>
<tr>
<td>Lower Otay Reservoir</td>
<td>65 acre-feet</td>
<td>Emergency</td>
</tr>
<tr>
<td>Sweetwater Reservoir</td>
<td>13 acre-feet</td>
<td>Operational</td>
</tr>
</tbody>
</table>

**Discussion**

Storage is an essential part of water resources management providing multiple benefits. Storage provides critical flexibility in managing variations in the hydrologic cycle, regulating supply availability to better match water demand, and being adequately prepared for an emergency or extended drought. Including the recent expansion at San Vicente, there is approximately 750,000
acre-feet of surface storage capacity in San Diego County. A great portion of it was built decades ago to capture local runoff to the benefit of individual member agencies that own and operate those reservoirs. With the advent of imported water in the late 1940s, several major reservoirs were connected to the Water Authority’s regional aqueduct system and can be filled with imported water as well. Conjunctive use of surface reservoirs for local and imported water is an important tool in resource management and maximizes the value of these storage assets. Because of the absence of large groundwater basins due to local geologic conditions, storage and extraction of large amounts of water underground are severely limited. The few opportunities available for groundwater storage are confined to shallow alluvial aquifers near local streams and rivers, and have relatively small usable storage capacity. Surface water storage is the only viable means of storing significant amounts of water in the Water Authority’s service area.

Typically, drinking water reservoirs are managed through the identification of different “pools” of water that correspond to the planned use of that water. These pools can be generally defined as follows:

**Operational:** Water that is used throughout the year to meet current demand and ensure circulation in the reservoir to maintain adequate water quality; can be used for day-to-day water deliveries.

**Seasonal:** Water that is stored during the cooler winter months to help meet warm weather demand in the summer; used to shave peak demand from other facilities and avoid new facility costs. Seasonal water is stored and withdrawn during the same year. Seasonal shifting complements pipeline operations by minimizing summer peaks on pipelines by moving water to storage nearer the targeted demand during low demand periods.

**Carryover:** Water that is typically held for more than one year; used in times of supply shortage, such as a supplement to available water in a drought.

**Emergency:** Water that has been held for an emergency or catastrophic event; usually the last water taken from storage.

**Dead Storage:** This is the amount of water in a reservoir that cannot be physically withdrawn. All reservoirs have constraints in withdrawing a certain volume of water due to elevation differences or low pressures.

Water Authority water storage plans encompass utilization of all the storage pools identified above. Planning assumptions contained in environmental documents, storage agreements, the *Urban Water Management Plan, Regional Water Facilities Optimization and Master Plan, Reservoir Regulating Manual* and in the annual *Aqueduct Operating Plan* all guide the use and management of the Water Authority’s storage assets. It is important to note that, although there are planning assumptions and guidelines for how the Water Authority will manage its various amounts of stored water, the primary purpose for having storage is to provide additional flexibility in managing water supply reliability challenges. Operational considerations, including addressing water quality issues, unique characteristics of a shortage event, or changed economic circumstances, also require evaluating the use of storage in the light of that particular event. The Board can determine to use stored water in a
manner different than assumed in planning documents if that better responds to specific situation being addressed, within the operational constraints of the facilities.

The following briefly summarizes the planning assumptions and utilization of the various pools of Water Authority owned stored water:

**Emergency Storage**
The ESP was developed to protect the region during a catastrophic event that severed imported water connections to San Diego County from Riverside County. The most likely event was determined to be an earthquake along the Elsinore or San Andreas faults. A Maximum Credible Earthquake (seismic event of 7.0 or greater on the Richter scale) along either fault could completely cut off imported water supplies for up to two months (Elsinore) or result in a partial disruption in deliveries for a six month period (San Andreas).

Both emergency scenarios described above were used in the ESP EIR/EIS to determine how much water was needed and how large the ESP should be sized. Furthermore, the EIR/EIS determined that the ESP should provide a 75% regional level of service at the retail level in the event of either a two month or six month emergency. The 75% level of service assumed that certain member agencies would continue to have access and use their local supplies (whether water in storage or from recycled or brackish groundwater) during the emergency. Water withdrawn from the ESP would make up the difference between those available local supplies and the 75% level of retail service objective for all member agencies. On that basis, the ESP facilities were sized to provide a 75% level of service during the two highest water use months of the summer peak season as estimated for the year 2030, the greatest need for emergency water identified. Although at the time of approval ESP was sized for estimated demand in 2030, more recent lower demand forecasts from conservation and additional and unanticipated local supply development has pushed out the maximum need beyond 2035.

Following certification of the ESP EIR/EIS, the Board instituted the Special Agricultural Water Rate (SAWR) for participating agricultural customers. The SAWR established a service differential for the ESP, because participating agricultural customers would receive half the level of service of Municipal and Industrial customers during an emergency event. In exchange for a lesser level of service from the ESP Agricultural customers in the SAWR were not counted as part of their member agency’s payment towards the ESP in their water rates. The difference between the emergency water volume that was assumed to serve agriculture in the EIR/EIS and the 50% lower level of service under the SAWR would instead be divided among member agencies Commercial and Industrial (C&I) customers as a further measure to protect the region’s economy and jobs.

This overall method to utilizing water stored in the ESP has been maintained since 1996 and documented in the Water Authority’s *Urban Water Management Plans* in 2000, 2005, and 2010. It has also been the basis for planning assumptions in both the 2003 Master Plan and 2013 *Regional Water Facilities Optimization and Master Plan Update* (2013 Master Plan). Operationally, the amount of water stored in the Water Authority’s emergency pool is based on achieving a peak season maximum two month estimate of cumulative member agency demands and local supply availability. The amount of stored emergency water requires increases during the summer peak
water use period and decreases in the low water use winter months. Although the Board can redefine the use of the ESP for other emergencies or set a different level of service goal, a workgroup of member agency General Managers recommended in the 2006 *Drought Management Plan* (now known as the *Water Shortage and Drought Response Plan*) that emergency storage water be the water of last resort in a drought being instead kept in reserve for a catastrophic emergency.

**Carryover Storage**

Prior to the addition of 100,000 acre feet of carryover storage capacity with the recently completed San Vicente Dam Raise, the Water Authority maintained carryover storage accounts in member agency reservoirs for many years. Starting in the 1960s, the Water Authority entered into agreements with the city of San Diego to store water in its reservoirs, using that water to soften the effects of major cutbacks during the severe and prolonged drought in 1990-1992. In 2007, the Water Authority entered into a storage agreement with Sweetwater and amended agreements with the city of San Diego to store carryover water in the two agencies reservoirs. This water was used during the 22 months of Metropolitan Water District (MWD) supply cutbacks in 2009-2011. As the San Vicente Dam raise and associated projects are completed and the reservoir begins filling, the Water Authority will phase out its carryover storage agreements with the city of San Diego and Sweetwater Authority. However, the ability to store water in member agency reservoirs during the interim provides much needed flexibility in meeting unanticipated needs and shortages.

In 2008, the Water Authority also executed two agreements for groundwater storage in the Central Valley (Semitropic and Semitropic-Rosamond). The two agreements afforded the Water Authority 70,000 acre-feet of groundwater storage capacity outside of the region. Currently, the Water Authority has about 16,000 acre-feet stored in the Semitropic groundwater bank. A recommendation from the 2013 Master Plan was to conduct a more detailed storage optimization study to determine how best to utilize the groundwater banks in conjunction with San Vicente carryover storage. Key differences between groundwater storage and surface water storage are the withdrawal rates and volume of water that can be stored. Reservoirs generally have a much higher withdrawal rate. Understanding the inter-relationship of both types of storage is important in determining how best to utilize those assets. It is anticipated the optimization study will be conducted during FY 2016.

When the carryover storage pool is filled in San Vicente Reservoir, there are certain general planning guidelines that will provide a framework for withdrawals. In the latest Board approved *Urban Water Management Plan*, the basic planning assumption is that carryover water will be withdrawn over a three year period, consecutive or not. The intent of carryover storage is to buffer the effects of water shortages. Generally, this would allow for approximately 30,000 AF to be withdrawn in a single year, but only if the Water Authority was facing shortages from its MWD imported supply. This planning assumption was utilized in the 2013 Master Plan analysis of supply reliability. When the Water Authority’s Central Valley groundwater storage is factored into available carryover supplies, the annual carryover storage withdrawal amount can be either increased or planned to be used for longer than a three year period. The length of time will depend on how much groundwater is stored and any extraction or conveyance limitations.
Seasonal Storage
Seasonal storage water pools are typically put into storage during the higher precipitation and low water use winter months when conveyance capacity and supply is more available and then withdrawn for consumptive use during the peak summer season. Many member agencies have operated their reservoirs on a seasonal basis in years when local runoff was plentiful or by storing imported water when MWD offered a discounted seasonal shift program. In recognition of the seasonal shift’s benefits, MWD has offered various programs to reduce peak season demand on its facilities. The Water Authority has also worked closely with its member agencies to optimize the use of regional facilities, and over the past 20 years, an average of approximately 40,000 acre feet per year of untreated water has been shifted from summertime to wintertime delivery in the Water Authority’s service area. This seasonal shift operation of local reservoirs in San Diego County has been a main contributor to avoiding the cost of adding untreated water conveyance capacity, such as Pipeline 6, to both the MWD and Water Authority systems.

The 2013 Master Plan continues to rely on seasonal storage as a method to optimize existing investments in storage and conveyance facilities while deferring the need for added imported water conveyance capacity. With the completion of the San Vicente Dam raise, a portion of the stored water can be used seasonally by the Water Authority to deliver untreated water to local treatment plants south of Lake Hodges and offset the need to add untreated water delivery capacity until 2023. As recommended in the 2013 Master Plan, seasonal shifting of water deliveries will allow for a more modest investment in additional capacity by swapping the larger under-utilized treated water Pipeline 4 for the smaller untreated water Pipeline 3. This conversion of the larger Pipeline 4 to untreated service will allow the continued deferral of the more expensive Pipeline 6 to 2035 or beyond.

Operational Storage
The Water Authority will also use stored water for operational purposes. Operational storage benefits the region by its availability to meet peak week demands quickly from nearby reservoirs. Besides being used to provide service to member agencies during scheduled pipeline maintenance shutdowns or in the event of an unanticipated service outage, annual operational withdrawal and replacement ensures water circulates in and out of reservoirs to maintain consistent water quality. Operational and emergency water stored at Lake Hodges is also used to operate the Hodges–Olivenhain Pumped Storage project which generates electricity when water that was pumped from Lake Hodges up to Olivenhain Reservoir is returned to the lower elevation Lake Hodges. Operational stored water can be used to address a water quality event, to take a specific piece of equipment out of service or in the event of an unanticipated service outage. Storage for operational purposes provides maximum flexibility for operating the aqueduct system and is an important part of reliably meeting member agencies needs for water on a daily basis.

Conclusions
Storage provides many functions and maximizes a water utility’s flexibility to respond to a variety of supply conditions. Water Authority storage is an important part of the region’s diversification program; it is designed to not only help protect the region and its economy in times of catastrophic emergencies and extended drought, it also reduces the cost to the ratepayer for system expansion and energy use, and provides redundancies in the daily operation of the system. The utilization of Water Authority storage under various circumstances is guided by general planning assumptions.
contained in a variety of Board approved documents. Ultimately, investments made by the Water Authority in storage have created a tool to better manage water shortages or facility operations by adding flexibility to how the Water Authority can respond in different situations. As each situation that requires the use of storage will have its own unique set of circumstances, the Board will always have the ability to decide how to utilize storage to address the event at hand.

Prepared and Reviewed by: Ken Weinberg, Director of Water Resources
Reviewed by: Gary Eaton, Director of Operations & Maintenance
August 20, 2014

Attention: Water Planning Committee

Water Resources Report

Purpose
This report includes the following exhibits for July 2014:

- Rainfall totals for the month and water year to date
- Deliveries to Member Agencies (Exhibit A)
- Water Use by Member Agencies (Exhibit B)
- Storage Available to Member Agencies (Exhibit C)
- Firm Water Deliveries to Member Agencies (Exhibit D)
- Summary of Water Authority Member Agency Operations (Exhibit E)

<table>
<thead>
<tr>
<th></th>
<th>RAINFALL TOTALS (inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>July 2014</td>
</tr>
<tr>
<td></td>
<td>Actual</td>
</tr>
<tr>
<td>Lindbergh Field</td>
<td>0.00</td>
</tr>
<tr>
<td>(N.O.A.A.)</td>
<td></td>
</tr>
<tr>
<td>Lake Cuyamaca</td>
<td>0.25</td>
</tr>
<tr>
<td>(Helix W.D.)</td>
<td></td>
</tr>
<tr>
<td>Lake Henshaw</td>
<td>0.02</td>
</tr>
<tr>
<td>(Vista I.D.)</td>
<td></td>
</tr>
</tbody>
</table>

Sources: National Weather Service, Helix Water District, Vista Irrigation District.
## MONTHLY WATER RESOURCES REPORT

### Water Deliveries to Member Agencies

**(acre-feet)**

### JULY 2014

<table>
<thead>
<tr>
<th>AGENCY</th>
<th>2014</th>
<th>2013</th>
<th>2014</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carlsbad M.W.D.</td>
<td>1,794.9</td>
<td>1,720.6</td>
<td>17,875.3</td>
<td>17,152.0</td>
</tr>
<tr>
<td>Del Mar, City of</td>
<td>113.4</td>
<td>98.4</td>
<td>1,099.9</td>
<td>1,104.0</td>
</tr>
<tr>
<td>Escondido, City of</td>
<td>2,283.4</td>
<td>2,029.7</td>
<td>23,716.4</td>
<td>22,438.8</td>
</tr>
<tr>
<td>Fallbrook P.U.D.</td>
<td>1,414.4</td>
<td>1,670.9</td>
<td>13,054.7</td>
<td>12,859.0</td>
</tr>
<tr>
<td>Helix W.D.</td>
<td>2,831.2</td>
<td>2,083.8</td>
<td>35,085.1</td>
<td>30,851.1</td>
</tr>
<tr>
<td>Lakeside W.D.</td>
<td>358.6</td>
<td>406.3</td>
<td>3,718.2</td>
<td>3,684.4</td>
</tr>
<tr>
<td>National City, City of</td>
<td>366.7</td>
<td>-</td>
<td>3,308.5</td>
<td>603.4</td>
</tr>
<tr>
<td>Oceanside, City of</td>
<td>2,690.8</td>
<td>2,619.1</td>
<td>24,834.6</td>
<td>24,246.6</td>
</tr>
<tr>
<td>Olivenhain M.W.D.</td>
<td>2,459.9</td>
<td>2,355.9</td>
<td>22,192.2</td>
<td>20,877.2</td>
</tr>
<tr>
<td>Otay W.D.</td>
<td>3,491.9</td>
<td>3,347.0</td>
<td>33,554.1</td>
<td>31,849.7</td>
</tr>
<tr>
<td>Padre Dam M.W.D.</td>
<td>1,226.2</td>
<td>1,300.4</td>
<td>11,959.7</td>
<td>11,809.7</td>
</tr>
<tr>
<td>Pendleton Military Reservation</td>
<td>6.3</td>
<td>4.0</td>
<td>51.5</td>
<td>46.0</td>
</tr>
<tr>
<td>Poway, City of</td>
<td>1,311.7</td>
<td>1,207.1</td>
<td>13,303.8</td>
<td>12,104.1</td>
</tr>
<tr>
<td>Rainbow M.W.D.</td>
<td>2,483.3</td>
<td>2,812.9</td>
<td>22,887.1</td>
<td>22,455.5</td>
</tr>
<tr>
<td>Rancho Santa Fe I.D.</td>
<td>788.6</td>
<td>841.8</td>
<td>6,969.3</td>
<td>6,957.8</td>
</tr>
<tr>
<td>Rincon Del Diablo M.W.D.</td>
<td>715.1</td>
<td>773.1</td>
<td>6,968.3</td>
<td>6,765.6</td>
</tr>
<tr>
<td>San Diego, City of</td>
<td>25,232.4</td>
<td>17,489.3</td>
<td>218,814.4</td>
<td>186,261.4</td>
</tr>
<tr>
<td>San Dieguito W.D.</td>
<td>716.9</td>
<td>633.3</td>
<td>5,681.5</td>
<td>2,896.8</td>
</tr>
<tr>
<td>Santa Fe I.D.</td>
<td>1,407.2</td>
<td>1,283.5</td>
<td>10,943.3</td>
<td>6,640.7</td>
</tr>
<tr>
<td>South Bay I.D.</td>
<td>1,218.3</td>
<td>0.1</td>
<td>11,027.4</td>
<td>2,024.3</td>
</tr>
<tr>
<td>Vallecitos W.D.</td>
<td>1,834.6</td>
<td>1,869.9</td>
<td>17,864.7</td>
<td>17,420.9</td>
</tr>
<tr>
<td>Valley Center M.W.D.</td>
<td>3,246.9</td>
<td>3,301.1</td>
<td>29,552.4</td>
<td>29,008.9</td>
</tr>
<tr>
<td>Vista I.D.</td>
<td>1,784.9</td>
<td>1,500.8</td>
<td>18,723.6</td>
<td>17,282.2</td>
</tr>
<tr>
<td>Yuima M.W.D.</td>
<td>624.4</td>
<td>460.0</td>
<td>4,698.6</td>
<td>2,357.2</td>
</tr>
</tbody>
</table>

### Deliveries To SDCWA Agencies

| Deliveries To SDCWA Agencies  | 60,402.0 | 49,809.0 | 557,884.6| 489,697.3 |
| Less: Deliveries to SDCWA Storage | 4,225.3 | 495.3    | 28,569.0 | 4,792.4   |
| **TOTAL MEMBER AGENCY DELIVERIES** | 56,176.7 | 49,313.7 | 529,315.6| 484,904.9 |

### Deliveries to South Coast Water District

| Deliveries to South Coast Water District | 19.1 | 38.5 | 188.1 | 482.9 |

### Deliveries From SDCWA Storage

| Deliveries From SDCWA Storage | 548.6 | 475.7 | 4,626.2| 11,212.2 |

---

1 July 2014 storage account deliveries totaled 4,152 AF and 73 AF to San Vicente (SR-76) and Lower Otay Reservoirs, respectively.
## MONTHLY WATER RESOURCES REPORT

### Estimated Water Use by Member Agency (acre-feet)

#### JULY 2014

<table>
<thead>
<tr>
<th>AGENCY</th>
<th>Imported Source</th>
<th>S.D.C.W.A.</th>
<th>Local Sources</th>
<th>July Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carlsbad M.W.D.</td>
<td>1,869.9</td>
<td>1,816.6</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Del Mar, City of</td>
<td>113.4</td>
<td>98.4</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Escondido, City of</td>
<td>2,304.1</td>
<td>1,955.1</td>
<td>172.8</td>
<td>588.0</td>
</tr>
<tr>
<td>Fallbrook P.U.D.¹</td>
<td>1,407.5</td>
<td>1,502.8</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Helix W.D.</td>
<td>3,373.2</td>
<td>3,133.4</td>
<td>48.3</td>
<td>357.1</td>
</tr>
<tr>
<td>Lakeside W.D.</td>
<td>358.6</td>
<td>406.3</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>National City, City of ²</td>
<td>358.8</td>
<td>-</td>
<td>457.3</td>
<td>271.2</td>
</tr>
<tr>
<td>Oceanside, City of ²</td>
<td>2,690.8</td>
<td>2,619.1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Olivenhain M.W.D.</td>
<td>2,459.9</td>
<td>2,355.9</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Otay W.D.</td>
<td>3,491.9</td>
<td>3,347.0</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Padre Dam M.W.D.</td>
<td>1,228.4</td>
<td>1,282.7</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Pendleton M.C.B.³</td>
<td>25.4</td>
<td>42.5</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Poway, City of ⁴</td>
<td>1,410.2</td>
<td>1,416.8</td>
<td>-</td>
<td>0.2</td>
</tr>
<tr>
<td>Rainbow M.W.D.</td>
<td>2,560.3</td>
<td>2,411.9</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Ramona M.W.D.</td>
<td>681.5</td>
<td>684.1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Rincon Del Diablo M.W.D.</td>
<td>715.1</td>
<td>773.1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>San Diego, City of</td>
<td>20,380.8</td>
<td>16,973.9</td>
<td>9.3</td>
<td>2,988.8</td>
</tr>
<tr>
<td>San Dieguito W.D.</td>
<td>716.9</td>
<td>632.3</td>
<td>-</td>
<td>36.2</td>
</tr>
<tr>
<td>Santa Fe I.D.</td>
<td>1,413.2</td>
<td>1,290.8</td>
<td>-</td>
<td>0.5</td>
</tr>
<tr>
<td>South Bay I.D.²</td>
<td>1,192.0</td>
<td>-</td>
<td>-</td>
<td>1,194.6</td>
</tr>
<tr>
<td>Vallecitos W.D.</td>
<td>1,851.4</td>
<td>1,855.7</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Valley Center M.W.D.</td>
<td>3,246.9</td>
<td>3,301.1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Vista I.D.</td>
<td>1,784.9</td>
<td>1,500.8</td>
<td>323.8</td>
<td>588.1</td>
</tr>
<tr>
<td>Yuima M.W.D.</td>
<td>624.4</td>
<td>460.0</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

| TOTAL USE               | 56,259.5 | 49,861.2 | 554.2 | 6,210.8 | 1,713.1 | 1,922.2 | 3,292.2 | 3,249.0 | 61,819.0 | 61,243.2 |
| PERCENT CHANGE          | 13%      | -91%     | -11%  | -1%     | 1%      | 1%      |

¹ De Luz figures included in Fallbrook P.U.D. total.
² Brackish groundwater use included in groundwater totals.
³ Pendleton's imported water use includes water delivered by South Coast Water District.
⁴ Poway recycled use is reported quarterly.

---

1 De Luz figures included in Fallbrook P.U.D. total.
2 Brackish groundwater use included in groundwater totals.
3 Pendleton’s imported water use includes water delivered by South Coast Water District.
4 Poway recycled use is reported quarterly.
### Exhibit C

#### Reservoir Storage (acre-feet)

**JULY 2014**

<table>
<thead>
<tr>
<th>Member Agency</th>
<th>Reservoir</th>
<th>Capacity</th>
<th>JULY 2014</th>
<th>% of Change</th>
<th>JULY 2013</th>
<th>% of Change</th>
<th>Change During Month</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carlsbad M.W.D.</td>
<td>Maerkle</td>
<td>600</td>
<td>80</td>
<td>13%</td>
<td>172</td>
<td>29%</td>
<td>(100)</td>
</tr>
<tr>
<td>Escondido, City of 1</td>
<td>Dixon</td>
<td>2,606</td>
<td>2,399</td>
<td>92%</td>
<td>2,372</td>
<td>91%</td>
<td>(41)</td>
</tr>
<tr>
<td></td>
<td>Wohlford</td>
<td>6,506</td>
<td>2,006</td>
<td>31%</td>
<td>2,126</td>
<td>33%</td>
<td>84</td>
</tr>
<tr>
<td>Subtotal</td>
<td></td>
<td>9,112</td>
<td>4,405</td>
<td>48%</td>
<td>4,498</td>
<td>49%</td>
<td>43</td>
</tr>
<tr>
<td>Fallbrook P.U.D.</td>
<td>Red Mountain</td>
<td>1,335</td>
<td>432</td>
<td>32%</td>
<td>400</td>
<td>45%</td>
<td>2</td>
</tr>
<tr>
<td>Helix W.D.</td>
<td>Cuyamaca</td>
<td>8,195</td>
<td>497</td>
<td>6%</td>
<td>666</td>
<td>9%</td>
<td>(54)</td>
</tr>
<tr>
<td>Jennings</td>
<td>9,790</td>
<td>8,165</td>
<td>83%</td>
<td>7,910</td>
<td>81%</td>
<td>(284)</td>
<td></td>
</tr>
<tr>
<td>Subtotal</td>
<td></td>
<td>17,985</td>
<td>8,662</td>
<td>48%</td>
<td>8,576</td>
<td>48%</td>
<td>(578)</td>
</tr>
<tr>
<td>Poway, City of</td>
<td>Poway</td>
<td>3,330</td>
<td>3,054</td>
<td>92%</td>
<td>2,520</td>
<td>76%</td>
<td>(78)</td>
</tr>
<tr>
<td>Rainbow M.W.D.</td>
<td>Beck</td>
<td>625</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>0%</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Morro Hill</td>
<td>465</td>
<td>109</td>
<td>23%</td>
<td>329</td>
<td>71%</td>
<td>(55)</td>
</tr>
<tr>
<td>Subtotal</td>
<td></td>
<td>1,090</td>
<td>109</td>
<td>10%</td>
<td>329</td>
<td>30%</td>
<td>(55)</td>
</tr>
<tr>
<td>Ramona M.W.D.</td>
<td>Ramona</td>
<td>12,000</td>
<td>2,668</td>
<td>22%</td>
<td>2,708</td>
<td>23%</td>
<td>20</td>
</tr>
<tr>
<td>San Diego, City of 2</td>
<td>Barrett</td>
<td>34,806</td>
<td>7,103</td>
<td>20%</td>
<td>14,656</td>
<td>42%</td>
<td>(390)</td>
</tr>
<tr>
<td></td>
<td>El Capitan</td>
<td>112,807</td>
<td>33,937</td>
<td>30%</td>
<td>55,955</td>
<td>50%</td>
<td>(420)</td>
</tr>
<tr>
<td></td>
<td>Hodges</td>
<td>30,251</td>
<td>2,395</td>
<td>8%</td>
<td>5,620</td>
<td>19%</td>
<td>(661)</td>
</tr>
<tr>
<td></td>
<td>Lower Otay</td>
<td>49,849</td>
<td>30,485</td>
<td>61%</td>
<td>35,892</td>
<td>72%</td>
<td>257</td>
</tr>
<tr>
<td></td>
<td>Miramar</td>
<td>6,682</td>
<td>5,521</td>
<td>83%</td>
<td>5,411</td>
<td>81%</td>
<td>(57)</td>
</tr>
<tr>
<td></td>
<td>Moreno</td>
<td>50,694</td>
<td>1,808</td>
<td>4%</td>
<td>6,939</td>
<td>14%</td>
<td>(49)</td>
</tr>
<tr>
<td></td>
<td>Murray</td>
<td>4,684</td>
<td>4,183</td>
<td>9%</td>
<td>4,199</td>
<td>90%</td>
<td>78</td>
</tr>
<tr>
<td></td>
<td>San Vicente</td>
<td>89,312</td>
<td>47,630</td>
<td>53%</td>
<td>35,478</td>
<td>40%</td>
<td>(661)</td>
</tr>
<tr>
<td></td>
<td>Sutherland</td>
<td>29,508</td>
<td>2,752</td>
<td>9%</td>
<td>3,162</td>
<td>11%</td>
<td>(85)</td>
</tr>
<tr>
<td>Subtotal</td>
<td></td>
<td>408,593</td>
<td>135,814</td>
<td>33%</td>
<td>167,311</td>
<td>41%</td>
<td>(1,521)</td>
</tr>
<tr>
<td>San Dieguito WD/Santa Fe ID</td>
<td>San Dieguito</td>
<td>883</td>
<td>518</td>
<td>59%</td>
<td>674</td>
<td>76%</td>
<td>26</td>
</tr>
<tr>
<td>Sweetwater Authority</td>
<td>Loveland</td>
<td>25,400</td>
<td>8,116</td>
<td>32%</td>
<td>8,836</td>
<td>35%</td>
<td>(108)</td>
</tr>
<tr>
<td></td>
<td>Sweetwater</td>
<td>28,079</td>
<td>3,676</td>
<td>13%</td>
<td>6,096</td>
<td>22%</td>
<td>(108)</td>
</tr>
<tr>
<td>Subtotal</td>
<td></td>
<td>53,479</td>
<td>11,792</td>
<td>22%</td>
<td>14,932</td>
<td>28%</td>
<td>(216)</td>
</tr>
<tr>
<td>Valley Center M.W.D.</td>
<td>Turner</td>
<td>1,612</td>
<td>1,275</td>
<td>79%</td>
<td>1,388</td>
<td>86%</td>
<td>-</td>
</tr>
<tr>
<td>Vista I.D. 3</td>
<td>Henshaw</td>
<td>51,774</td>
<td>3,869</td>
<td>7%</td>
<td>3,794</td>
<td>7%</td>
<td>(807)</td>
</tr>
<tr>
<td>MEMBER AGENCY TOTAL WATER IN STORAGE</td>
<td></td>
<td>561,793</td>
<td>172,678</td>
<td>31%</td>
<td>207,502</td>
<td>37%</td>
<td>(3,264)</td>
</tr>
<tr>
<td>SDCWA Accounts (city evap/seepage losses estimated) 4</td>
<td>El Capitan</td>
<td>0</td>
<td>0</td>
<td>-</td>
<td>4,404</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Hodges</td>
<td>8,823</td>
<td>5,261</td>
<td>22%</td>
<td>5,261</td>
<td>250</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Olivenhain</td>
<td>24,789</td>
<td>17,411</td>
<td>25%</td>
<td>19,539</td>
<td>(610)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Lower Otay</td>
<td>138</td>
<td>270</td>
<td>63</td>
<td>270</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>San Vicente</td>
<td>27,074</td>
<td>2,033</td>
<td>17%</td>
<td>3,899</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Sweetwater</td>
<td>12</td>
<td>0</td>
<td>-</td>
<td>0</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Subtotal</td>
<td></td>
<td>53,459</td>
<td>31,507</td>
<td>3%</td>
<td>3,602</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>TOTAL WATER IN STORAGE</td>
<td></td>
<td>586,582</td>
<td>226,136</td>
<td>39%</td>
<td>239,009</td>
<td>41%</td>
<td>336</td>
</tr>
</tbody>
</table>

**Total Other Water in Storage**

| Metropolitan Water District | Skinner | 44,264 | 36,687 | 83% | 39,752 | 90% | (2,019) |
| Diamond Valley | 810,000 | 459,541 | 57% | 638,021 | 79% | (47,406) |
| State Water Project | Oroville | 3,537,600 | 1,252,662 | 35% | 2,143,724 | 63% | (1,546) |
| TOTAL OTHER WATER IN STORAGE | | 4,391,864 | 1,748,890 | 40% | 2,821,497 | 64% | (308,151) |

1 Excludes storage allocated to Escondido Mutual Water Co. or its rights to a portion of the unallocated water in Lake Henshaw.
2 Includes reserves subject to city’s outstanding commitments to San Dieguito WD, and California American Mutual Water Co. (Cal-Am)
3 SDCWA has storage contracts in City of San Diego reservoirs in the amount of 40,000 AF, if available capacity exists.
4 City of San Diego and the Water Authority completed a paper transfer for February. Final monthly figures available at end of March. The Water Authority exchanged 1,304 AF in El Capitan and San Vicente accounts, in exchange for a like amount of water in Lake Hodges.
5 Total other water in storage includes water in Lake Hodges.

Generated: 8/12/14 11:25 AM
## Monthly Water Resources Report
### Tier 1 Estimated Deliveries to Member Agencies
(Figures in acre-feet)

**Calendar Year 2014 Through July**

<table>
<thead>
<tr>
<th>Member Agency</th>
<th>CY2014 Tier 1 Threshold</th>
<th>CYTD Firm Deliveries</th>
<th>% of Tier 1 Threshold (Pre-QSA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carlsbad M.W.D.</td>
<td>12,376.0</td>
<td>10,391.8</td>
<td>84.0%</td>
</tr>
<tr>
<td>Del Mar, City of</td>
<td>935.0</td>
<td>602.0</td>
<td>64.4%</td>
</tr>
<tr>
<td>Escondido, City of</td>
<td>17,859.0</td>
<td>13,973.6</td>
<td>78.2%</td>
</tr>
<tr>
<td>Fallbrook P.U.D.</td>
<td>10,325.0</td>
<td>7,873.9</td>
<td>76.3%</td>
</tr>
<tr>
<td>Helix W.D.</td>
<td>25,519.0</td>
<td>18,991.3</td>
<td>74.4%</td>
</tr>
<tr>
<td>Lakeside M.W.D.</td>
<td>3,168.0</td>
<td>2,177.6</td>
<td>68.7%</td>
</tr>
<tr>
<td>Oceanside, City of</td>
<td>19,383.0</td>
<td>14,866.9</td>
<td>76.7%</td>
</tr>
<tr>
<td>Olivenhain M.W.D.</td>
<td>13,071.0</td>
<td>13,036.1</td>
<td>99.7%</td>
</tr>
<tr>
<td>Otay W.D.</td>
<td>21,390.0</td>
<td>19,413.2</td>
<td>90.8%</td>
</tr>
<tr>
<td>Padre Dam M.W.D.</td>
<td>9,939.0</td>
<td>6,883.9</td>
<td>69.3%</td>
</tr>
<tr>
<td>Pendleton M.C.B./South Coast W.D.</td>
<td>758.0</td>
<td>132.6</td>
<td>17.5%</td>
</tr>
<tr>
<td>Poway, City of</td>
<td>9,348.0</td>
<td>7,327.8</td>
<td>78.4%</td>
</tr>
<tr>
<td>Rainbow M.W.D.</td>
<td>19,018.0</td>
<td>13,582.4</td>
<td>71.4%</td>
</tr>
<tr>
<td>Ramona M.W.D.</td>
<td>8,052.0</td>
<td>4,179.2</td>
<td>51.9%</td>
</tr>
<tr>
<td>Rincon Del Diablo M.W.D.</td>
<td>5,482.0</td>
<td>3,970.8</td>
<td>72.4%</td>
</tr>
<tr>
<td>San Diego, City of</td>
<td>144,555.0</td>
<td>107,443.4</td>
<td>74.3%</td>
</tr>
<tr>
<td>San Dieguito W.D.</td>
<td>3,116.0</td>
<td>3,392.3</td>
<td>108.9%</td>
</tr>
<tr>
<td>Santa Fe I.D.</td>
<td>5,226.0</td>
<td>6,616.5</td>
<td>126.6%</td>
</tr>
<tr>
<td>Sweetwater Authority</td>
<td>9,650.0</td>
<td>9,452.6</td>
<td>98.0%</td>
</tr>
<tr>
<td>Vallecitos W.D.</td>
<td>10,557.0</td>
<td>10,297.9</td>
<td>97.5%</td>
</tr>
<tr>
<td>Valley Center M.W.D.</td>
<td>29,774.0</td>
<td>17,202.1</td>
<td>57.8%</td>
</tr>
<tr>
<td>Vista I.D.</td>
<td>11,876.0</td>
<td>10,979.3</td>
<td>92.4%</td>
</tr>
<tr>
<td>Yuima M.W.D.</td>
<td>2,165.0</td>
<td>2,692.2</td>
<td>124.4%</td>
</tr>
</tbody>
</table>

**MEMBER AGENCY TOTALS**

<table>
<thead>
<tr>
<th></th>
<th>393,542.0</th>
<th>305,479.4</th>
<th>77.6%</th>
</tr>
</thead>
</table>

Less: QSA deliveries calendar year to date

Estimated Tier 1 deliveries calendar year to date

Invoiced Tier 1 deliveries calendar year to date

1 Tier 1 threshold is 60% of a member agency’s historic maximum year firm demand.
2 Emergency Storage Program (ESP) deliveries under Metropolitan’s program designated by city of San Diego.
3 Includes forced deliveries and deliveries made through temporary carryover storage agreements and to Olivenhain Reservoir.
4 Includes sales from Water Authority storage accounts.
5 "Invoice" based on member agency deliveries, net of QSA deliveries and storage puts/takes. "Invoice" is as reported on Metropolitan’s invoice.
MONTHLY WATER RESOURCES REPORT
Summary of Water Authority Member Agency Operations

JULY 2014

**Member Agency Deliveries (AF)**

<table>
<thead>
<tr>
<th></th>
<th>2014</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>July</td>
<td>56,177</td>
<td>49,314</td>
</tr>
<tr>
<td>Previous 12 Months</td>
<td>529,316</td>
<td>484,905</td>
</tr>
</tbody>
</table>

**Member Agency Water Use**

- **JULY 2014**
  - Imported: 91%
  - Surface: 1%
  - Well & Brackish Recovery: 3%
  - Recycled: 5%

- **Previous 12 Months**
  - Imported: 91%
  - Surface: 1%
  - Well & Brackish Recovery: 3%
  - Recycled: 5%

**Member Agency Storage (AF)**

<table>
<thead>
<tr>
<th></th>
<th>2014</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>July</td>
<td>172,678</td>
<td>207,502</td>
</tr>
<tr>
<td>12 Month Average</td>
<td>189,499</td>
<td>235,843</td>
</tr>
</tbody>
</table>
LEGISLATION, CONSERVATION AND OUTREACH COMMITTEE

AGENDA FOR

AUGUST 28, 2014

Gary Croucher – Chair    Jerry Kern
David Barnum – Vice Chair    Ron Morrison
Jim Madaffer – Vice Chair    Mark Muir
Betty Evans    Vince Mudd
Ed Gallo    Elsa Saxod
Christy Guerin    DeAna Verbeke
Frank Hilliker    Barbara Wight

1. Roll call – determination of quorum.

2. Additions to agenda (Government Code Section 54954.2(b)).

3. Public comment – opportunities for members of the public to address the Committee on matters within the Committee’s jurisdiction.

4. Chair’s report.
   4-A Directors’ comments.

I. CONSENT CALENDAR

II. ACTION/DISCUSSION

1. Legislative Issues.
   1-A Written report by Ken Carpi. (supplemental materials)

   1-B Sacramento report by Gonzalez, Quintana & Hunter – Steve Cruz.

   1-C Adopt a Resolution Of Support for Proposition 1 – the Water Quality, Supply, and Infrastructure Improvement Act of 2014. Staff recommendation: Adopt Resolution 2014-__ endorsing Proposition 1, the Water Quality, Supply, and Infrastructure Improvement Act of 2014. (Action)

   Dennis Cushman
III. INFORMATION

1. Update on the Water Authority’s Agricultural Water Management Program. 
   Lori Swanson

2. Quarterly Water Conservation Garden report. 
   John Linden

   Jason Foster

   Glenn Farrel

5. Status report on legislation and legislative positions. 
   Alexi Schnell

IV. ADJOURNMENT

Kelly L. Walker
Clerk of the Board

NOTE: This meeting is called as a Legislation, Conservation, and Outreach Committee meeting. Because a quorum of the Board may be present, the meeting is also noticed as a Board meeting. Members of the Board who are not members of the Committee may participate in the meeting pursuant to Section 2.00.060(g) of the Authority Administrative Code (Recodified). All items on the agenda, including information items, may be deliberated and become subject to action. All public documents provided to the committee or Board for this meeting including materials related to an item on this agenda and submitted to the Board of Directors within 72 hours prior to this meeting may be reviewed at the San Diego County Water Authority headquarters located at 4677 Overland Avenue, San Diego, CA 92123 at the reception desk during normal business hours.
August 20, 2014

Attention: Legislation, Conservation and Outreach Committee

Adopt a Resolution of Support for Proposition 1 – the Water Quality, Supply, and Infrastructure Improvement Act of 2014. (Action)

Staff recommendation
Adopt a resolution 2014-___ endorsing Proposition 1, the Water Quality, Supply, and Infrastructure Improvement Act of 2014

Alternatives
Do not adopt the recommended positions, or adopt a modified position.

Fiscal Impact
There is no direct fiscal impact associated with the consideration of adopting a resolution in support of this ballot measure, but the Water Authority could secure direct and indirect fiscal benefits from passage of the ballot measure on the November 2014 ballot.

Background
On August 13, the Legislature overwhelmingly passed AB 1471/SB 866, companion $7.545 billion water bond measures. The Assembly passed AB 1471 on a 77-2 vote and the Senate on a 37-0 vote (SB 866 passed 37-0 in the Senate and 77-1 in the Assembly). Shortly after the Legislature’s action, the Governor signed AB 1471 and vetoed SB 866. This water bond measure removes and replaces Proposition 43, the 2009 water bond (SBX7-2), on the November 2014 ballot, and it will now be considered by the voters as Proposition 1.

Discussion

Proposition 1 – the Water Quality, Supply, and Infrastructure Improvement Act of 2014
Proposition 1 on the November 2014 statewide general election ballot would enact the Water Quality, Supply, and Infrastructure Improvement Act of 2014 and, if approved by the voters, would authorize the issuance of $7.545 billion in general obligation bonds to finance a variety of water projects.

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Funding Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter 5 – Clean, Safe and Reliable Drinking Water</td>
<td>$520 million</td>
</tr>
<tr>
<td>Chapter 6 – Protecting Rivers, Lakes, Streams, Coastal Waters, and Watersheds</td>
<td>$1.495 billion</td>
</tr>
<tr>
<td>Chapter 7 – Regional Water Security, Climate, and Drought Preparedness</td>
<td>$810 million</td>
</tr>
<tr>
<td>Chapter 8 – Statewide Water System Operational Improvement and Drought Preparedness</td>
<td>$2.7 billion</td>
</tr>
<tr>
<td>Chapter 9 – Water Recycling</td>
<td>$725 million</td>
</tr>
<tr>
<td>Chapter 10 – Groundwater Sustainability</td>
<td>$900 million</td>
</tr>
<tr>
<td>Chapter 11 – Flood Management</td>
<td>$395 million</td>
</tr>
</tbody>
</table>
Chapter 5. Clean, Safe and Reliable Drinking Water
Chapter 5 would provide $520 million for expenditures, grants, and loans for projects that improve water quality or help provide clean and safe drinking water. The intent of this chapter is to provide clear opportunities to improve drinking water conditions, particularly within disadvantaged communities. The chapter would allocate specific funding, as follows:

- $260 million for deposit in the State Water Pollution Control Revolving Fund Small Community Grant Fund for wastewater treatment projects, with a priority for disadvantaged communities

- $260 million for grants and loans for public water system infrastructure improvements and related actions to meet safe drinking water standards and ensure affordable drinking water, with a priority for disadvantaged communities. This chapter would also provide that eligible expenditures may include operations and maintenance for systems serving disadvantaged communities.

Chapter 6. Protecting Rivers, Lakes, Streams, Coastal Waters, and Watersheds
Chapter 6 would provide $1.495 billion for expenditures and grants for multi-benefit ecosystem and watershed protection and restoration projects. Within this chapter, $327.5 million is proposed to be made available to specifically identified conservancies throughout the state. Proposition 1 proposes to allocate $17 million to the San Diego River Conservancy.

Chapter 6 would also make $475 million available to fulfill the obligations of the State in complying with the terms of any of the following:

- Subsection (d) of Section 3406 of the Central Valley Project Improvement Act
- Interstate compacts set forth in Section 66801 of the Government Code (Tahoe Compact)
- Intrastate or multiparty water quantification settlement agreement provisions, including ecosystem restoration projects, as set forth in Chapters 611, 612, 613, and 614 of the Statutes of 2003 (the 2003 Colorado River Quantification Settlement Agreement)
- The settlement agreement referenced in Section 2080.2 of the Fish and Game Code (San Joaquin River Restoration settlement)
- Any intrastate or multiparty settlement agreement related to water acted upon before December 31, 2013

In addition, Chapter 6 would make the following funding opportunities available:

- $200 million to the Wildlife Conservation Board for projects that result in enhanced stream flows
- $100 million for projects to protect and enhance urban streams and creeks
$285 million to the Department of Fish and Wildlife for watershed restoration projects statewide

$87.5 million to the Department of Fish and Wildlife for water quality, ecosystem restoration, and fish protection facilities that benefit the Delta – this funding includes a condition that the Department of Fish and Wildlife must coordinate and consult with the Delta city or Delta county in which a grant is proposed to be expended or an interest in real property is proposed to be acquired.

Chapter 7. Regional Water Security, Climate, and Drought Preparedness
Chapter 7 would provide $810 million for expenditures and competitive grants and loans to projects that improve regional water reliability.

Within this chapter, $510 million would be allocated to hydrologic regions specified in the text of the measure, including the San Diego sub-region. The proportional statutory allocation to the San Diego sub-region under Proposition 1 would be $52.5 million, or 10.3 percent of the regionally allocated funds. Proposition 1 provides clear eligibility for direct and indirect potable reuse projects and desalination projects, within the IRWM provisions of the measure.

In addition to the funding to be allocated among hydrologic regions, Chapter 7 provides that $100 million may be used for direct expenditures, grants, and loans for water conservation and water use efficiency projects. In addition, $200 million would be available for grants and loans for multi-benefit stormwater management projects.

Chapter 8. Statewide Water System Operational Improvement and Drought Preparedness
Chapter 8 would provide $2.7 billion continuously appropriated to the California Water Commission for expenditures, competitive grants, and loans for public benefits associated with projects that expand the state’s water storage capacity. Under Chapter 8, eligible projects would include:

- Surface storage projects identified in the CALFED Record of Decision, except for projects specifically prohibited due to impact of a river system protected by the Wild and Scenic Rivers Act (expansion of Lake Shasta)
- Groundwater storage projects and groundwater contamination prevention or remediation projects
- Conjunctive use and reservoir reoperation projects
- Local and regional surface storage projects that improve the operation of water systems in the state, including, but not limited to, reservoirs for storing recycled water
- Projects that remove sediment, improve dam stability in seismic events, or otherwise restore water storage capacity in existing water storage reservoirs

1 The CALFED Record of Decision surface storage projects include: Sites Reservoir, Temperance Flat Reservoir, Los Vaqueros Reservoir expansion, In-Delta Storage Project, and Shasta Lake expansion
Under the existing public benefits eligibility outlined for Chapter 8, it does not appear that eligibility would be broad enough to consider funding for construction of a new storage reservoir to accommodate a possible pumped hydro storage project at San Vicente Reservoir. Other provisions in Chapter 8 would provide a preference and priority for funding the largest surface storage projects that would be eligible, including Sites Reservoir, Temperance Flat Reservoir, and the Los Vaqueros Reservoir expansion.

**Chapter 9. Water Recycling**

Chapter 9 would provide $725 million for competitive grants and loans for water recycling and advanced treatment technology projects. Among the specifically identified eligible projects are:

- Water recycling projects, including, but not limited to, treatment, storage, conveyance, and distribution facilities for **potable and nonpotable recycling** projects.

- Contaminant and salt removal projects, including, but not limited to, groundwater and **seawater desalination** and associated treatment, storage, conveyance, and distribution facilities.

**Chapter 10. Groundwater Sustainability**

Chapter 10 would provide $900 million for expenditures and competitive grants and loans for projects to prevent or clean-up the contamination of groundwater that serves or has served as a source of drinking water. Of the total funding allocated to Chapter 10, the measure would provide that $100 million shall be made available for development and implementation of new groundwater management plans that would be consistent with groundwater sustainability legislation that is continuing to advance through the legislative process.

**Chapter 11. Flood Management**

Chapter 11 would provide $395 million to the Department of Water Resources and the Central Valley Flood Protection Board for the purpose of statewide flood management projects and activities, including multibenefit projects that improve public safety and include fish and wildlife enhancement and recreation opportunities. The funding in this chapter would be allocated as follows:

- $100 million for statewide flood management projects and activities
- $295 million for Delta flood protection projects and Delta levee subvention programs

The following table shows the funding in each chapter of Proposition 1 that is directly allocated to the San Diego region, is available for competitive grants statewide, provides indirect benefits to the San Diego region, and is allocated to other regions. Of the total amount allocated to specific regions of the state, the San Diego region would be allocated **$69.5 million, or 11 percent**.

San Diego County’s population is approximately 8.3 percent of the state’s overall population. Proposition 1 would provide an equitable share of funding for San Diego County based on the region’s taxpayers’ proportional contribution to repayment of the water bond.
Water Authority Board’s Water Bond Priorities

At the February 2014 Board of Directors meeting, the Board adopted “Updated 2014 Water Bond Priorities.” The following table reflects the Board-adopted water bond priorities, and identifies whether and how Proposition 1 satisfies the Board’s water bond priorities.

### Updated 2014 Water Bond Priorities

<table>
<thead>
<tr>
<th>Water Bond Priority</th>
<th>Detailed Objective</th>
<th>Does Proposition 1 Satisfy Priority?</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Equitable, proportional funding among regions of the state</td>
<td>Funding that is allocated regionally should be allocated to each region of the state on an equitable basis based upon population. San Diego County’s population is approximately 8.3 percent of the state’s overall population.</td>
<td>Yes.</td>
</tr>
<tr>
<td>2. Robust integrated regional water management program</td>
<td>There should be a dedicated proportional allocation to the San Diego sub-region, with a clear delineation of project eligibility for water reuse (including direct and indirect potable reuse) and seawater desalination projects. IRWM administrative processes should be streamlined to improve efficiency of program implementation.</td>
<td>Yes.</td>
</tr>
</tbody>
</table>

---

2 The San Diego IRWM region also includes the Upper Santa Margarita planning region in western Riverside County and the south Orange County planning region – the combined populations of those three planning regions (including San Diego County) equates to 10.7% of the state’s total population. Proposition 1 is consistent with the objective of proportional regional allocation.
<table>
<thead>
<tr>
<th></th>
<th>Clearly delineated funding opportunities for ocean water desalination projects</th>
<th>Funding should be available through continuous appropriation for competitive opportunities for seawater desalination projects, including desalination plants, water conveyance pipelines, and other appurtenances.</th>
<th>Yes. Both Chapter 7 (IRWM funding) and Chapter 9 (water recycling funding) provide clearly delineated funding eligibility for seawater desalination projects.</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.</td>
<td>Clearly delineated funding opportunities for water reuse, including direct and indirect potable reuse, projects</td>
<td>Funding should be made available for competitive opportunities for water reuse projects, including IPR and DPR.</td>
<td>Yes. Chapter 7 (IRWM funding) provides clearly delineated funding eligibility for direct and indirect potable reuse projects and Chapter 9 (water recycling funding) provides clearly delineated funding eligibility for potable reuse projects.</td>
</tr>
<tr>
<td>5.</td>
<td>Substantial funding for ecosystem restoration of the Delta in support of the co-equal goals of ecosystem restoration and water supply reliability</td>
<td>Funding should be available for projects that would provide public benefits and support Delta sustainability, and protect and enhance the sustainability of the Delta ecosystem</td>
<td>No. Proposition 1 provides direct funding for Delta ecosystem restoration of only $87.5 million. There are other funding opportunities that could be tapped within Chapter 7 for additional Delta ecosystem restoration and stream flow benefits, but not clearly linked to achievement of the co-equal goals of ecosystem restoration and water supply reliability.</td>
</tr>
<tr>
<td>6.</td>
<td>Clearly delineated funding for expansion and addition of surface storage projects</td>
<td>Funding should be competitive on a statewide basis for a broad scope of eligible projects, including opportunities for surface storage projects that provide multiple benefits, including pumped storage projects that improve the ability to meet peak energy demands or improve energy reliability.</td>
<td>No. The funding in Chapter 8 is generally considered to be dedicated to large “backbone” infrastructure projects that can provide statewide benefits, and is not broadly available to support smaller local and regional storage projects.</td>
</tr>
<tr>
<td>7.</td>
<td>Funding for Salton Sea</td>
<td>Funding should be provided to both meet the states’ commitment to Salton Sea mitigation as part of the QSA and to carry out ecosystem restoration</td>
<td>Yes. Funding in Chapter 7 to assist the state in meeting its settlement</td>
</tr>
<tr>
<td>8. Bond streamlining</td>
<td>Funding should be provided for projects without encumbrances of new policy or regulatory conditions, and limits should be imposed to cap costs for administration of bond programs to no more than 5 percent, with a prohibition for add-on administrative and bond-handling costs.</td>
<td>Yes. Proposition 1 provides that the water bond projects could be advanced without any new policy or regulatory conditions, and the measure provides that not more than 5 percent of the funds allocated to a grant program may be used to pay the administrative costs of that program.</td>
<td></td>
</tr>
</tbody>
</table>

Staff recommends the Board adopt a Resolution 2014-___ endorsing Proposition 1.

Prepared by: Glenn A. Farrel, Government Relations Manager
Approved by: Dennis A. Cushman, Assistant General Manager

Attachment: Resolution No. 2014-____
RESOLUTION NO. 2014-____

RESOLUTION OF THE BOARD OF DIRECTORS OF THE
SAN DIEGO COUNTY WATER AUTHORITY ENDORSING PROPOSITION 1,
THE WATER QUALITY, SUPPLY, AND INFRASTRUCTURE
IMPROVEMENT ACT OF 2014

WHEREAS, a safe and reliable water supply is crucial to support the vitality of the San Diego region’s $191 billion economy and the quality of life of 3.2 million residents; and

WHEREAS, the San Diego County Water Authority is working to enhance reliability of the water supply to meet the region’s growing demands and to ensure the cost effective, environmentally sensitive, and safe delivery of those supplies; and

WHEREAS, to maximize the reliability of the region’s water supply, the Water Authority and its 24 member agencies are executing a long-term strategy to diversify the region’s supply sources, make major investments in the region’s water delivery and storage system, and improve water use efficiency; and

WHEREAS, the Water Authority has long advocated for a statewide water bond that reflects an emphasis on local and regional water supply development to help the region achieve its objectives of improving regional self-sufficiency, becoming more resilient to drought, and reducing dependence on the Bay-Delta; and

WHEREAS, AB 1471, which has become known as Proposition 1, the Water Quality, Supply, and Infrastructure Improvement Act of 2014, was overwhelmingly approved by the Legislature on August 13, 2014, with a 37-0 vote in the State Senate and a 77-2 vote in the State Assembly; and
WHEREAS, each of the 11 members of the San Diego legislative delegation voted in favor of AB 1471; and

WHEREAS, Proposition 1 contains substantial competitive funding opportunities for the San Diego region to pursue and advance meaningful local and regional water supply development, including:

- Chapter 9 would provide $725 million for water recycling and advanced treatment technology projects – including potable and non-potable reuse and seawater desalination projects – for which San Diego water suppliers could compete.
- Chapter 6 would allocate $475 million to help fulfill state obligations, including mitigation and restoration obligations at the Salton Sea as part of the QSA.
- Chapter 7 would allocate $52.5 million to the San Diego funding area for local and regional Integrated Regional Water Management projects.
- Chapter 7 would provide $100 million for water use efficiency projects for which San Diego water suppliers could compete.
- Chapter 6 would allocate $17 million to the San Diego River Conservancy for important land conservation, open space, habitat, wetlands, and water quality improvement opportunities in the San Diego River watershed; and

WHEREAS, of the funds that are regionally allocated within Proposition 1, the San Diego region would be specifically allocated nearly 11% of total funds, which is an equitable and proportional funding allocation to the region;
NOW, THEREFORE, BE IT RESOLVED, that the San Diego County Water Authority Board of Directors endorses and supports Proposition 1, the Water Quality, Supply, and Infrastructure Improvement Act of 2014, which will be considered by voters at the November 4, 2014 statewide general election.

PASSED, APPROVED, and ADOPTED this 28th day of August, 2014.

Ayes:

Noes:

Abstain:

Absent:

____________________________________
Thomas V. Wornham,
Chair

ATTEST:

____________________________________
Michael T. Hogan,
Secretary

I, Kelly L. Walker, Clerk of the Board of the San Diego County Water Authority, certify that the vote shown above is correct and this Resolution No. 2014-_______ was duly adopted at the meeting of the Board of Directors on the date stated above.

____________________________________
Kelly L. Walker
Clerk of the Board
August 20, 2014

Attention: Legislation, Conservation and Outreach Committee

Update on the Water Authority’s Agricultural Water Management Program (Information)

Purpose
This report provides an update on the Water Authority’s Agricultural Water Management Program.

Background
The San Diego region’s Mediterranean climate provides an ideal environment for agriculture. The economic impact of the region’s agricultural industry is more than $5 billion per year. Major crops include ornamental trees, avocados, citrus, and cut flowers. To support agriculture, including the more than 6,500 small family farms (defined as less than 10 acres) in the county, the Water Authority and its member agencies work to develop new and innovative water use efficiency programs, provide technical assistance, and secure grant funding.

In 1990, the Water Authority implemented its Agricultural Water Management Program (AWMP) to provide technical assistance to growers to increase their irrigation efficiency and maximize their economic benefit with limited water resources. For the first 20 years, the program consisted of agricultural irrigation system evaluations and irrigation trials for avocados and blueberries. In 2008, the Water Authority was awarded an Integrated Regional Water Management (IRWM) grant from the Department of Water Resources to help the region expand its local water resources, diversify its supply mix, reduce dependence on imported supplies, and safeguard the region against drought. Included in the grant was $375,000 to expand the agricultural irrigation system evaluations and add new agricultural programs and projects. These programs began to be implemented in 2010. In 2014, the region received a second IRWM grant that included $49,800 for incentives for farmers to convert potable water irrigation systems to recycled water irrigation systems. Table 1 lists the activities funded by the two grants.

<table>
<thead>
<tr>
<th>Activity</th>
<th>Funding</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agricultural Program Evaluation</td>
<td>$50,000</td>
<td>Completed in 2011.</td>
</tr>
<tr>
<td>Agricultural Acreage Assessment</td>
<td>$100,000</td>
<td>Scheduled for completion in 2014.</td>
</tr>
<tr>
<td>Agricultural Water Use Efficiency Research Project</td>
<td>$75,000</td>
<td>Scheduled for completion in 2016</td>
</tr>
<tr>
<td>Agricultural Irrigation System Evaluations</td>
<td>$150,000</td>
<td>Grant funding expended in 2013. Program extended with operating funds.</td>
</tr>
<tr>
<td>Agricultural Site Retrofit Project</td>
<td>$49,800</td>
<td>Scheduled to begin in 2015.</td>
</tr>
<tr>
<td>Total</td>
<td>$424,800</td>
<td></td>
</tr>
</tbody>
</table>
Discussion
The AWMP currently consists of four components: 1) an agricultural acreage assessment; 2) an agricultural water use efficiency research project; 3) agricultural irrigation system evaluations; and 4) an agricultural site retrofit project. The first component of the program is the grant-funded agricultural acreage assessment. To more accurately project future water demands for the region, an estimate of the amount of agricultural land is required. The agricultural acreage assessment provides that estimate. Last calculated in 2007 and updated in 2014, a revised assessment was needed as a result of the recent wildfires and a reduction in agricultural land due to new development. Information from the agricultural acreage assessment will also be used to support development of the Water Authority’s 2015 Urban Water Management Plan.

The second component of the program is the grant-funded Agricultural Water Use Efficiency Research Project. The project, awarded in 2013 to the San Diego County Farm Bureau for its Recycled Water Quality for Optimal Avocado Production research, is evaluating the optimal treatment level and irrigation practices for the use of recycled water on avocados. In addition to the Farm Bureau, other project participants include the Water Science and Policy Center at UC Davis, Escondido Growers for Agricultural Preservation, and the City of Escondido Utilities Department. The project is scheduled to conclude by early 2016.

The third component of the program is the agricultural irrigation system evaluations performed by the Mission Resource Conservation District, an independent unit of local government organized under the Public Resources Code of the state of California. The evaluations provide technical services to growers, including visual observations of the irrigation system, examination of soil and crop materials, and pump testing. A written report that summarizes the findings of the audit is provided to the grower, including information on the irrigation system’s hydraulic characteristics, soil profiles, local weather data, and crop water demands. The report also provides recommendations to improve the system’s overall efficiency and estimates of the potential water savings. Program participation remains strong with a five-year average of 68 evaluations per year.

The final component of the program, the grant-funded agricultural retrofit project, is scheduled for implementation in 2015 and will provide incentives to farmers to convert potable water irrigation systems to recycled water irrigation systems. The incentives pay for design plans, hardware, permits, and the equipment necessary to implement a full-site conversion from potable water use to recycled water use.

Prepared by: Lori Swanson, Water Resources Specialist
Reviewed by: Jason Foster, Director of Public Outreach and Conservation
August 20, 2014

Attention: Legislation, Conservation and Outreach Committee

Drought Response Communications and Outreach Update (Information)

Purpose
This report provides an update on drought management communications and outreach activities to promote increased conservation as part of the Water Authority’s Water Shortage and Drought Response Plan.

Background
On February 13, 2014, the Water Authority Board authorized entering into the Voluntary Supply Management stage of its Water Shortage and Drought Response Plan, which calls for increased voluntary water conservation. The Board also approved notifying the Water Authority’s 24 member agencies that the region was at a Drought Watch condition of the region’s Model Drought Response Ordinance. Following several months of worsening drought conditions and record-breaking heat, the Water Authority Board authorized entering into the Supply Enhancement stage of its Water Shortage and Drought Response Plan on July 24, 2014. The Board also declared a Drought Alert condition of the region’s Model Drought Response Ordinance, which calls for the implementation of mandatory water use restrictions to help manage available supplies. The Water Authority Board’s actions aim to help preserve stored water reserves in Southern California should drought conditions extend into 2015, and they are designed to help the region’s retail water agencies comply with emergency mandatory conservation measures imposed by the State Water Resources Control Board that took effect on August 1.

The Water Shortage and Drought Response Plan includes the implementation of a communications strategy to help achieve increased water conservation by the public, and enhance public understanding of how ratepayers’ investments in projects and commitment to water conservation has reduced the region’s vulnerability to drought shortage conditions.

Discussion
From mid-July through mid-August, staff prepared and began to transition the “When in Drought” outreach campaign from conveying voluntary conservation messages to a more urgent and aggressive campaign that communicates mandatory water use restrictions are now in effect. Staff developed and presented its Drought Alert stage outreach plan at a special meeting of the Legislation, Conservation and Outreach Committee on August 14.

During the transition, staff also continued to execute communications activities such as media relations, development of communication tools for member agencies, advertising, community partnerships, outreach at community events, and other activities.
Staff issued two news releases related to drought outreach – “Water Authority Recommends Mandatory Water-Use Restrictions” and “Water Authority Declares Drought Alert Condition.” These releases, along with the proactive solicitation of interviews, secured numerous print, radio and TV stories over this four-week period. Staff also handled numerous media requests, including several from state and national news outlets, related to the State Water Resources Control Board’s July 15 decision to adopt emergency statewide water conservation measures. Media outreach related to the adoption of the Drought Alert condition on July 24 generated reports with virtually every major media outlet in the county, including a 30-minute program about drought conditions and restrictions that aired on KUSI-TV on August 3. Staff also coordinated Spanish-language interviews for Univision and a 30-minute segment on XEMO 860 AM.

The Water Authority also continues to coordinate with member agencies on outreach campaign issues. Staff discussed campaign transition issues and received input on Drought Alert communications planning at the monthly Joint Public Information Council/Conservation Coordinators meeting on August 4. To help make drought-related media relations more efficient for all member agencies, staff compiled a list of preferred drought-related member agency contacts for members of the local media. Staff also provided member agency communications staff with talking points related to the July 24 Board decision to move to a Drought Alert condition. As part of its effort to boost online drought response resources for consumers, staff solicited member agencies for online links to their local water use restrictions, and lists of local conservation incentives and programs provided by member agencies.

The Water Authority is also supporting the When in Drought campaign with select advertising. Ads placed via Google Adwords and social media platforms, along with TV ads on KGTV Channel 10 and TV Azteca, are scheduled to appear through the beginning of September. Staff is updating television, online and print creative to reflect a no-nonsense, “This is Serious” message emphasizing mandatory water use restrictions are now in place, and it is planning additional television, online and radio placements through the end of the year. The Water Authority is using state drought response grant funds to partially support the campaign, and it is coordinating advertising efforts with other water agencies conducting outreach to leverage resources and minimize duplication of efforts.

Staff also continues to participate in events in the community to raise awareness of drought conditions and conservation programs. Water Authority staff hosted an educational booth and delivered several presentations at Politifest, a regional civic engagement festival at Liberty Station hosted by Voice of San Diego. Staff also provided information on the drought at the HySpain Health Fair.

Presentations on drought, drought restrictions, best irrigation practices and other water conservation practices were provided to the La Mesa City Council, San Marcos City Council, Building Industry Association, California Landscape Contractors Association, Kiwanis Club of San Diego, San Diego Old Mission Rotary, San Diego North Economic Development Council, San Diego Regional Economic Development Corporation defense industry roundtable, Landscape Water Conference, Best Irrigation Practices Conference and the Aaron Price Fellows.
Community partnerships are also helping to spread awareness of the need for increased conservation while leveraging Water Authority resources. Staff is currently working with a number of the region’s major colleges and universities on a campaign to encourage increased conservation among college students at the start of the fall semester. This campaign involves the distribution of thousands of refrigerator magnets promoting drought awareness and promoting indoor conservation tips. Staff is also working with the San Diego County Apartment Association to produce a doorhanger with indoor conservation tips that the association can distribute to its members, who in turn can distribute them to tenants. Staff is also in the process of soliciting free public service announcements from the region’s broadcast media outlets and donated print ad space from the region’s community newspapers.

As part of promoting Smart Irrigation Month during July, the Water Authority participated in three drought response events tailored to the landscape industry. On July 17, the Water Authority and the City of San Diego, in partnership with the state Department of Water Resources, co-hosted a sold-out event entitled “Get Ahead or Get Parched: Six Ways to Survive the Drought.” More than 110 landscape professionals registered for this technical training event. Because of the strong interest, a second event was held on July 18 at UC San Diego to accommodate 60 additional participants. Program content included water-efficient technologies, irrigation scheduling, a hands-on irrigation audit exercise, an overview of water conservation programs, and best practices for tree care during drought. The Water Authority also participated in the California Landscape Contractors Association’s San Diego Landscape Water Conference on July 31. Staff highlighted water supply conditions, water conservation programs, and landscape sustainability principles to 135 landscape contractors and property management professionals.

Staff made several enhancements to the When in Drought campaign portal (www.whenindrought.org) to reflect the move to the Drought Alert condition. These included creating new, “This is Serious” website pop-up announcements and launching an online directory to local water-use restrictions in effect at each member agency. Staff also made regular updates to the portal on the Water Authority’s main website, updated conservation news and events to www.WaterSmartSD.org (the Water Authority’s regional conservation website), and provided water supply updates and information on conservation programs in the WaterSource e-newsletter.

In addition, since mid-July staff made 70 Twitter posts to spread awareness of drought conditions, promote conservation programs and call attention to water supply reliability efforts. Members of the public tweeted and re-tweeted nearly 200 messages related to drought management actions, water conservation-related events and promotions, and other topics related to conservation or drought. These messages came from civic organizations, public officials, media outlets, and individuals. Staff also posted more than 60 drought and conservation-related messages to Facebook.

The Water Authority’s drought web portal landing page, www.whenindrought.org, has received more than 15,600 page views between the site’s launch on April 29 and July 31. In addition, during July WaterSmartSD.org had more than 6,000 visits, and the Water Authority’s turf
replacement rebate program microsite had more than 7,100 visits. In July the turf replacement rebate program received a record 96 applications.

Staff will continue to provide updates to the Board on the implementation and execution of drought management communications activities.

Prepared by: Jason Foster, Director, Public Outreach and Conservation
Reviewed by: Dennis A. Cushman, Assistant General Manager
August 20, 2014

Attention: Legislation, Conservation and Outreach Committee

Government Relations Update. (Information)

Discussion
This report is an update of the Water Authority’s government relations program.

Legislature
On August 4, 2014, the Legislature returned from its summer recess, and began intensive work to finalize legislative business prior to adjournment of the 2014 regular legislative session on August 31.

Sponsored Legislation
At its November 2013 Board meeting, the Water Authority Board of Directors approved sponsorship of two legislative proposals for the 2014 legislative session. Both of the following sponsored measures were introduced in February 2014:

- AB 1874 – authored by Assemblymember Lorena Gonzalez – would streamline the state’s administration of the integrated regional water management (IRWM) program.
  - As reported previously, AB 1874 was held on the Assembly Appropriations Committee suspense file. The Appropriations Committee staff and the Department of Finance had identified one-time state costs in the range of $150,000 to $250,000 to the Department of Water Resources for the creation of a new and separate streamlined IRWM application process. The Water Authority staff and legislative advocates demonstrated the offsetting cost-savings associated with implementation of the measure, but it remained on the Appropriations Committee suspense file.
  - Alternative opportunities to advance the policy issues in AB 1874 by other means are continuing to be explored and pursued by the staff and legislative advocates.

- AB 2067 – authored by Assemblymember Shirley Weber – would simplify and update the reporting requirements for demand management measures in urban water management plans and extend the deadline for submittal of 2015 urban water management plans from December 31, 2015 to July 1, 2016.
  - AB 2067 passed the Assembly Water, Parks, and Wildlife Committee on a 13-0 vote, passed the Assembly Appropriations Committee on a 17-0 vote, and passed off the Assembly Floor on a 75-0 vote.
o AB 2067 passed the Senate Natural Resources and Water Committee on June 10, 2014, on a 9-0 vote, and passed off the Senate Floor on August 14 on a 35-0 vote.

o On August 18, AB 2067 passed off the Assembly Floor on a 78-0 vote, and is now pending action by the Governor.

Water Bond
On August 13, the Legislature overwhelmingly passed AB 1471/SB 866, companion $7.545 billion water bond measures. The Assembly passed the measure on a 77-2 vote and the Senate passed the measure on a 37-0 vote. Shortly after the Legislature’s action, the Governor signed AB 1471 and vetoed the duplicate, unnecessary SB 866. This water bond measure removes and replaces the 2009 water bond (SBX7-2) on the November 4, 2014 ballot, and it will now be considered by the voters as Proposition 1.

Major Provisions of AB 1471/SB 866

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Funding Categories</th>
<th>$ Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter 5 – Clean, Safe and Reliable Drinking Water</td>
<td>Small Community Wastewater Program&lt;br&gt;Drinking water infrastructure for disadvantaged communities</td>
<td>$520 million</td>
</tr>
<tr>
<td>Chapter 6 – Protecting Rivers, Lakes, Streams, Coastal Waters, and Watersheds</td>
<td>Conservancies&lt;br&gt;State settlement obligations&lt;br&gt;Rivers and creeks</td>
<td>$1.495 billion</td>
</tr>
<tr>
<td>Chapter 7 – Regional Water Security, Climate, and Drought Preparedness</td>
<td>Integrated regional water management&lt;br&gt;Water use efficiency&lt;br&gt;Stormwater capture</td>
<td>$810 million</td>
</tr>
<tr>
<td>Chapter 8 – Statewide Water System Operational Improvement and Drought Preparedness</td>
<td>Surface and groundwater storage</td>
<td>$2.7 billion (continuously appropriated)</td>
</tr>
<tr>
<td>Chapter 9 – Water Recycling</td>
<td>Statewide water recycling, including potable and non-potable reuse&lt;br&gt;Statewide advanced treatment technology projects, including seawater desalination</td>
<td>$725 million</td>
</tr>
<tr>
<td>Chapter 10 – Groundwater Sustainability</td>
<td>Prevent and reduce groundwater contamination&lt;br&gt;Provide sustainable groundwater management planning and implementation</td>
<td>$900 million</td>
</tr>
<tr>
<td>Chapter 11 – Flood Management</td>
<td>Statewide flood management projects and activities&lt;br&gt;Delta levee subvention programs and Delta flood protection projects</td>
<td>$395 million</td>
</tr>
</tbody>
</table>
Lobbyist Activities
Steve Cruz of Gonzalez, Quintana & Hunter reports that he performed the following lobbying activities on behalf of the Water Authority over the past month:

- Provided strategic advice and information regarding the Water Authority’s legislative interests
- Advocated the Water Authority’s interests on water bond legislation with the San Diego legislative delegation, legislative leadership, and the Administration.
- Worked with the Water Authority Government Relations Manager to secure support for the Water Authority’s two sponsored bills and to advocate on all Water Authority position bills.
- Represented the Water Authority in various legislative policy and fiscal committees on Water Authority position bills.
- Coordinated with V. John White, Bob Giroux, and Water Authority staff on various legislative issues of importance to the Water Authority
- Conducted a series of advocacy briefings on a regular and ongoing basis to communicate and share the Water Authority’s interests in various water bond measures being considered within the Legislature

Bob Giroux of Lang, Hansen, O’Malley & Miller reports that he performed the following lobbying activities on behalf of the Water Authority over the past month:

- Provided strategic advice and information regarding the Water Authority’s legislative interests
- Provided assistance in attempting to advance the Water Authority’s sponsored legislation on integrated regional water management program streamlining.
- Advocated the Water Authority’s interests on water bond legislation with the San Diego legislative delegation, legislative leadership, and the Administration.
- Coordinated with V. John White, Steve Cruz, and Water Authority staff on various legislative issues of importance to the Water Authority
- Conferred with the Assembly Speaker and the Senate President pro tem regarding the Water Authority’s interests

V. John White reports that he performed the following lobbying activities on behalf of the Water Authority over the past month:
- Provided strategic advice and information regarding the Water Authority’s legislative interests

- Coordinated with Bob Giroux, Steve Cruz, and Water Authority staff on various legislative issues of importance to the Water Authority

- Advocated the Water Authority’s interests on water bond legislation with the San Diego legislative delegation, legislative leadership, and the Administration.

- Met and discussed several Water Authority issues of interest with key environmental groups, including Sierra Club, Planning and Conservation League, and the California League of Conservation Voters

- Met and discussed the proposed San Vicente pumped hydro storage project with Water Authority staff and representatives and staff of the California Public Utilities Commission and the California Independent System Operator

**Washington, D.C.**

Ken Carpi of Carpi & Clay will provide a separate written report of the firm’s monthly activities in Washington, D.C.

Prepared by: Glenn A. Farrel, Government Relations Manager
Reviewed by: Dennis A. Cushman, Assistant General Manager
August 20, 2014

Attention: Legislation Conservation and Outreach Committee

Status Report on Legislation and Legislative Positions. (Information)

Background
Water Authority staff is currently reviewing 228 bills in the Legislature for potential impact on the organization and its member agencies. Three bills in Congress are being monitored. Some of these bills are placeholder bills that do not propose substantive changes in the law, but which may be amended to propose such changes.

The Water Authority’s staff and legislative advocates review each bill in the context of the adopted 2014 Legislative Policy Guidelines. The Legislative Policy Guidelines provide direction to staff and the Water Authority’s legislative advocates to communicate support of, or opposition to legislation and amendments. Bills for which staff recommends a position are brought before the Legislation, Conservation and Outreach Committee and the Board for consideration.

Discussion
As of August 13, 2014, the Board is sponsoring two bills in the Legislature, AB 1874 (Gonzalez) and AB 2067 (Weber). The Board has taken a position of Support on 20 bills, is seeking amendments on seven of those bills, and has taken a position of Support if amended on 10 bills. Two bills with a Support, if amended position have been amended in keeping with amendments sought by the Water Authority and positions on these two bills have been modified to full Support. The Board has taken a position of Oppose on five bills, and a position of Oppose unless amended on 12 bills. Two bills with an Oppose position, and one bill with an Oppose unless amended position, were amended to address the Water Authority’s concerns, and the Water Authority is now neutral on this legislation. Three bills on which the Water Authority took a position of Oppose unless amended, have been amended to subject matter no longer relevant to the Water Authority. SB 322 (Hueso), sponsored by the Water Authority in the first year of the 2013/14 legislative session was signed into law by the Governor in 2013.

Water Authority staff and its legislative advocates will continue to track and monitor bills throughout the legislative session to ensure consistency with board policies, positions and the 2014 Legislative Policy Guidelines. Attached is a matrix outlining current positions on legislation of interest to the Water Authority as of August 13, 2014. Also attached is a comprehensive list of bills that are under review and are being monitored by staff and legislative advocates.

Prepared by: Alexi Schnell, Management Analyst
Reviewed by: Dennis A. Cushman, Assistant General Manager

              2. List of legislation under review by Water Authority staff as of August 13, 2014
# San Diego County Water Authority

<table>
<thead>
<tr>
<th>Bill Number</th>
<th>Author</th>
<th>Bill Title, Summary &amp; Status</th>
<th>SDCWA Position (Date of Board Action)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AB 37</td>
<td>Perea</td>
<td><strong>Integrated Regional Water Management Plans: Funding: Disadvantaged Communities</strong>&lt;br&gt;&lt;br&gt;<strong>Status:</strong>&lt;br&gt;Bill was amended (8/12/2013) to subject matter no longer relevant to the Water Authority.</td>
<td>Oppose, unless amended (25-Jul-13)</td>
</tr>
<tr>
<td>AB 71</td>
<td>V. Manuel Pérez</td>
<td><strong>Salton Sea Restoration</strong>&lt;br&gt;AB 71 would establish a governance process to guide activities related to restoration of the Salton Sea, and is intended to increase local participation in the development of a restoration program. The bill would require the Natural Resources Agency to be the lead agency for Salton Sea restoration efforts, but in consultation and coordination with the Salton Sea Authority, a local Joint Powers Authority. This would ensure that local stakeholders are included in restoration decision making. In addition, the bill calls for the formation of a technical advisory group to assist the Resources Agency by managing feasibility and financial planning studies.&lt;br&gt;&lt;br&gt;<strong>Status:</strong>&lt;br&gt;Chapter 402, Statutes of 2013</td>
<td>Support (23-May-13)</td>
</tr>
<tr>
<td>AB 115</td>
<td>Perea</td>
<td><strong>Safe Drinking Water State Revolving Fund</strong>&lt;br&gt;Under existing law, the California Department of Public Health is responsible for regulating public water systems, including small water systems, and for administering the Safe Drinking Water Revolving Fund (SDWRF) to provide grants and loans to public water systems to enable them to deliver water meeting drinking water standards. While CDPH has been effective in its regulation of large water systems, it has not been able to administer the SDWRF in a manner that would allow small disadvantaged communities to correct water quality problems in a timely manner. In addition, CDPH is a small part of the Health and Human Resources Agency (CHHSA) and often does not get the attention or resources needed to fulfill its mission.&lt;br&gt;AB 115 is one in a suite of bills designed to help solve water quality problems in disadvantaged communities. AB 115 would make it easier for water suppliers to apply for funds under the Safe Drinking Water Revolving Fund.&lt;br&gt;&lt;br&gt;<strong>Status:</strong>&lt;br&gt;Chapter 630, Statutes of 2013</td>
<td>Support (28-Mar-13)</td>
</tr>
</tbody>
</table>
### San Diego County Water Authority
### Summary of Current Positions on 2013-2014 Legislation
### as of August 13, 2014

<table>
<thead>
<tr>
<th>Bill Number</th>
<th>Author</th>
<th>Bill Title, Summary &amp; Status</th>
<th>SDCWA Position (Date of Board Action)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AB 145</td>
<td>Perea</td>
<td><strong>State Water Resources Control Board: Drinking Water</strong></td>
<td>Oppose, unless amended (28-Mar-13)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Under existing law, the California Department of Public Health is responsible for regulating public water systems, including small water systems, and for administering the Safe Drinking Water Revolving Fund (SDWRF) to provide grants and loans to public water systems to enable them to deliver water meeting drinking water standards. While CDPH has been effective in its regulation of large water systems, it has not been able to administer the SDWRF in a manner that would allow small disadvantaged communities to correct water quality problems in a timely manner. In addition, CDPH is a small part of the Health and Human Resources Agency (CHHSA) and often does not get the attention or resources needed to fulfill its mission. AB 145 would move the Division of Drinking Water and Environmental Management from the Department of Public Health to the State Water Resources Control Board (SWRCB). The intent is to consolidate the state's drinking water regulatory authority and to eliminate inefficiencies. However, the SWRCB is focused on environmental issues. Drinking water regulation should stay where there is a public health focus. The amendment sought would allow the program, if the program is moved, to be a stand-alone program under another agency where it would retain a public health focus, such as Cal EPA.</td>
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<tr>
<td></td>
<td></td>
<td><strong>Status:</strong> Senate Appropriations Committee</td>
<td></td>
</tr>
<tr>
<td>AB 147</td>
<td>V. Manuel Pérez</td>
<td><strong>Environment: Salton Sea: Dust Mitigation</strong></td>
<td>Oppose, unless amended (23-May-13)</td>
</tr>
<tr>
<td></td>
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<td>AB 147 would establish a Dust Mitigation Project Account within the Salton Sea Restoration Fund. The California Air Resources Board (CARB) would be required to evaluate and determine if the air quality planning completed by the Quantification Settlement Agreement Joint Powers Authority (QSA-JPA) is sufficient to mitigate the air quality impacts of the QSA. Associated costs would likely be either reimbursed or paid out of the Salton Sea Restoration Fund, potentially diverting funding that is designated for the State's Salton Sea Species Conservation Habitat Program. Amendments sought by the Water Authority would amend the bill to address protection of the Salton Sea Restoration Fund, and to include stronger language to protect QSA Joint Powers Authority mitigation funds that have already been designated for important projects.</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td><strong>Status:</strong> Senate Committee on Rules</td>
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<tr>
<td>Bill Number</td>
<td>Author</td>
<td>Bill Title, Summary &amp; Status</td>
<td>SDCWA Position (Date of Board Action)</td>
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<tr>
<td>AB 380</td>
<td>Dickinson</td>
<td><strong>Environmental Quality: Notice Requirements</strong>&lt;br&gt;&lt;br&gt;<em>Status:</em>&lt;br&gt;Bill was amended (5-6-14) to subject matter no longer relevant to the Water Authority.</td>
<td>Oppose, unless amended (25-Apr-13)</td>
</tr>
<tr>
<td>AB 407</td>
<td>V.M. Perez</td>
<td><strong>Renewable Energy Resources: Salton Sea</strong>&lt;br&gt;&lt;br&gt;Existing law requires the California Energy Commission to adopt, and update every two years, an integrated energy policy report that includes an overview of major energy trends and issues facing the state, an assessment and forecast of system reliability, and the need for resource additions, efficiency, and conservation. In addition, the California Renewables Portfolio Standard Program requires retail sellers of electricity and local publicly owned electric utilities to purchase renewable energy resources sufficient to ensure that the procurement of electricity products from eligible renewable energy resources achieves 25 percent of retail sales by December 31, 2016 and 33 percent of retail sales by December 31, 2020. AB 407, as amended 2-20-14, would require the California Energy Commission, in consultation with the PUC and the Independent System Operator, to convene a stakeholders group to identify impediments and recommended steps that should be taken to properly maintain, develop, integrate, and transmit electricity generated by eligible renewable energy resources located in and around the Salton Sea Known Geothermal Resource Area and the Geysers Geothermal Field, and to include its evaluations and recommendations in the next integrated energy policy report or update. AB 407 would advance the discussion regarding expanded geothermal energy production at the Salton Sea in a meaningful manner that would also include an examination of how renewable energy production and Salton Sea restoration could be linked and coordinated.&lt;br&gt;&lt;br&gt;<em>Status:</em>&lt;br&gt;Senate Committee on Energy, Utilities and Communications</td>
<td>Support (24-Apr-14)</td>
</tr>
<tr>
<td>Bill Number</td>
<td>Author</td>
<td>Bill Title, Summary &amp; Status</td>
<td>SDCWA Position (Date of Board Action)</td>
</tr>
<tr>
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</tr>
<tr>
<td>AB 543</td>
<td>Campos</td>
<td><strong>California Environmental Quality Act: Translation</strong>&lt;br&gt;This bill has been substantially amended to no longer be prescriptive with respect to required translations for CEQA notices and summaries. Instead, the measure now outlines a process that may ultimately lead to some limited translation obligations for lead agencies. The bill would now simply require the Office of Planning and Research to develop recommended amendments to the CEQA guidelines to address translation requirements, and the Secretary of Natural Resources would then evaluate the recommended amendments to the CEQA guidelines prior to advancing them for consideration within the context of the regulatory process. The CEQA guidelines would provide for criteria that would need to be evaluated and considered by a lead agency in making a determination as to whether any CEQA notices would be required to be translated to other languages.&lt;br&gt;&lt;br&gt;<strong>Status:</strong> Senate Appropriations Committee</td>
<td>Neutral (Original position of &quot;Oppose&quot; (adopted by Board 25-Apr-13) removed; bill has been amended to address the Water Authority's concerns)</td>
</tr>
<tr>
<td>AB 762</td>
<td>Patterson</td>
<td><strong>Renewable Energy Resources: Hydroelectric Generation</strong>&lt;br&gt;Under existing Public Utilities Code, the California Renewables Portfolio Standard Program (Program) requires the Public Utilities Commission to implement annual targets for procurement of eligible renewable energy resources. The code identifies eligible hydroelectric facilities as 30 megawatts or smaller that meet the specified criteria. The existing code includes in-line hydroelectric facilities similar to the Rancho Penasquitos Hydroelectric facility, but does not include pumped-storage facilities similar to the Lake Hodges Hydroelectric facility.&lt;br&gt;&lt;br&gt;AB 762 would amend the Public Utilities Code and Program to include eligible hydroelectric generation facilities of any size that meet the specified criteria. The Water Authority currently has no in-line hydroelectric facilities larger than 30 megawatts and does not foresee any future hydroelectric facilities exceeding this threshold. However, it may provide greater opportunity and flexibility for renewable energy opportunities in the future for the Water Authority and its member agencies.&lt;br&gt;&lt;br&gt;<strong>Status:</strong> Died (31-Jan-14)</td>
<td>Support (28-Mar-13)</td>
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<tr>
<td>Bill Number</td>
<td>Author</td>
<td>Bill Title, Summary &amp; Status</td>
<td>SDCWA Position (Date of Board Action)</td>
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<tr>
<td>AB 763</td>
<td>Buchanan</td>
<td><strong>Aquatic Invasive Plants: Control and Eradication</strong>&lt;br&gt;Existing law designates the Department of Boating and Waterways (DBW) as the lead agency for controlling certain invasive plants in the Sacramento-San Joaquin Delta, its tributaries and the marsh.&lt;br&gt;&lt;br&gt;AB 763 would additionally designate the Department of Boating and Waterways as the lead agency for cooperating with other state and local agencies, and agencies of the U.S., in identifying, detecting, controlling, and administering programs to manage and eradicate invasive aquatic plants, instead of requiring legislative action each time an agency identifies a new species of invasive aquatic plant. The bill would authorize the DBW to take any action it determines is necessary to implement statewide management and eradication measures for these plants. The bill would require the DBW to consult with various other agencies to prioritize treatment, and determine the best methods of implementing identification, control and eradication methods. The DBW would also be required to notify the Department of Fish and Wildlife (DFW), and the DFW would be required to conduct a risk assessment and to report its findings to the Department of Boating and Waterways. Criteria for consideration would be whether the species may cause environmental damage, may cause harm to the state’s economy or infrastructure, or may obstruct navigation and recreational use of waterways or cause potential harm to manmade facilities.&lt;br&gt;&lt;br&gt;<strong>Status:</strong>&lt;br&gt;Chapter 330, Statutes of 2013</td>
<td>Support (28-Mar-13)</td>
</tr>
<tr>
<td>AB 769</td>
<td>Skinner</td>
<td><strong>Sales and Use Taxes: Exemption: Efficient Clothes Washers</strong>&lt;br&gt;AB 769, as amended on May 14, 2014, would exempt from the state sales and use taxes, the first $750 of sales price from the sale of a qualified efficient clothes washer purchased for installation and use in this state. AB 769 would specify that the exemption from sales and use taxes only applies to the state’s portion, and would not apply to local sales and use taxes. Additionally, AB 769 would provide that the exemption only lasts from July 1, 2014 to July 1, 2015, unless the Governor terminates the drought State of Emergency called on January 17, 2014, in which case the exemption would be terminated 60 days from the date the Governor cancels the State of Emergency. The tax benefits proposed by AB 769 are intended to provide an incentive to spur taxpayer choices to purchase a clothes washer that reduces water consumption during a drought.&lt;br&gt;&lt;br&gt;<strong>Status:</strong>&lt;br&gt;Senate Committee on Governance &amp; Finance</td>
<td>Support (26-Jun-14)</td>
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</tbody>
</table>
### San Diego County Water Authority

#### Summary of Current Positions on 2013-2014 Legislation

as of August 13, 2014

<table>
<thead>
<tr>
<th>Bill Number</th>
<th>Author</th>
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<th>SDCWA Position (Date of Board Action)</th>
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<tbody>
<tr>
<td>AB 803</td>
<td>Gomez</td>
<td>Recycled Water</td>
<td>Support (28-Mar-13)</td>
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<td>In 2012, WateReuse sponsored AB 2398 to expedite permitting of recycled water in California. The Bill was held in the Senate with a commitment to convene a series of bicameral meetings to identify impediments to recycled water development and develop agreed-upon solutions. AB 803 proposed legislative solutions to address: 1. Alignment of Health and Safety Code and Water Code requirements for reporting spills 2. Point of Compliance for Advanced Treated Purified Water: AB 803 states that where discharge requirements apply, the compliance point for the water quality of advanced treated purified water can be the point where it enters a raw water conveyance facility, rather than at the point of discharge. This will make it easier to allow the use of existing raw water pipelines to transport advanced treated purified water.</td>
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<tr>
<td>AB 823</td>
<td>Eggman</td>
<td>Environment: California Farmland Protection Act</td>
<td>Oppose (25-Apr-13)</td>
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<td>AB 823 would require a minimum level of mitigation for any residential, commercial, civic, industrial, infrastructure, or other similar project that results in the permanent or long-term conversion of agricultural lands to non-agricultural use. Mitigation would consist of the permanent protection and conservation of land suitable for agricultural use.</td>
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<td>Status: Died (31-Jan-14)</td>
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<tr>
<td>AB 953</td>
<td>Ammiano</td>
<td>California Environmental Quality Act</td>
<td>Oppose (25-Apr-13)</td>
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<td>Existing law establishes regulations related to a number of environmental issues, including the preparation and completion of specified environmental review documents for proposed projects that may affect the environment. AB 953 would revise the definitions of “environment” and “significant effect on the environment” and require the lead agency to include a specific analysis of any significant effects that may result from locating the proposed project near, or attracting people to, existing or reasonably foreseeable natural hazards or adverse environmental conditions. This bill contains some of the provisions similar to those contained in SB 617 discussed below, specifically revisions in certain definitions and required analysis that make environmental documents more susceptible to legal challenge.</td>
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<td>Status: Died in Assembly Inactive File (03-Feb-14)</td>
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<tr>
<td>Bill Number</td>
<td>Author</td>
<td>Bill Title, Summary &amp; Status</td>
<td>SDCWA Position (Date of Board Action)</td>
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| AB 1096     | Nestande (co-authored by V. Manuel Pérez) | Vehicles: Specialized License Plates: Salton Sea  
AB 1096 would authorize the Department of Fish and Wildlife to apply to the Department of Motor Vehicles to sponsor a specialized license plate commemorating the Salton Sea. Funds generated through the sale of the plates would be placed into a Salton Sea restoration account to fund restoration projects.  
**Status:**  
Senate Appropriations Committee | Support  
(23-May-13) |
| AB 1249     | Salas | Integrated Regional Water Management Plans: nitrate, arsenic, perchlorate, or hexavalent chromium contamination  
Under existing law, the Integrated Regional Water Management Planning Act of 2002, regional water management groups are authorized to prepare and adopt an integrated regional water management plan (IRWMP). An IRWMP is a plan for coordinating the activities of public agencies and non-profit organizations to support water supply reliability, water quality improvements, and natural resource protection in a defined region.  
The intended objective of AB 1249 is to address pollution in groundwater. An earlier version of AB 1249 did so by prioritizing IRWM projects by a selected criterion. It is not consistent with the concept and theory behind integrated regional cooperative efforts like the IRWM Program to elevate one issue above others in terms of priority. The Water Authority Board adopted a position of Oppose Unless Amended. However, recent amendments to AB 1249 delete the authority for the Department of Water Resources to determine preferences for funding IRWM projects that may have been inconsistent with the regional priorities for projects. The amendments to the measure were developed through an ACWA working group in which the Water Authority and the City of San Diego participated.  
**Status:**  
Senate Appropriations Committee | Neutral  
(Original position of "Oppose" (adopted by Board 27-Feb-14) removed; bill has been amended to address the Water Authority's concerns) |
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<tr>
<th>Bill Number</th>
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<tbody>
<tr>
<td><strong>AB 1258</strong></td>
<td>Skinner</td>
<td><strong>Electricity: Hydroelectric Facilities</strong>&lt;br&gt;The Public Utilities Commission has regulatory authority over public utilities and can establish its own procedures. Under existing law, the Public Utilities Commission is required to open a new proceeding to determine the appropriate targets, if any, for each load-serving entity to procure viable and cost-effective energy storage systems to be achieved by December 31, 2015 and December 31, 2020.&lt;br&gt;&lt;br&gt;AB 1258 would require the Public Utilities Commission to open a new proceeding or expand the scope of an existing proceeding to determine the potential use of hydroelectric facilities and specified pumped storage facilities (Helms, Balsam, Oroville and San Luis pumped storage facilities) to provide energy resources with delivery characteristics that may include dispatchable baseload, firm, and as-available capacity. The Water Authority’s Lake Hodges pumped storage facility and the proposed San Vicente pumped storage project are similar types of facilities to the four pump storage facilities listed above.&lt;br&gt;&lt;br&gt;<strong>Status:</strong>&lt;br&gt;Died (31-Jan-14)</td>
<td>Watch (28-Mar-13)</td>
</tr>
<tr>
<td><strong>AB 1331</strong></td>
<td>Rendon</td>
<td><strong>Clean and Safe Drinking Water Act of 2014</strong>&lt;br&gt;One of eleven water bond measures currently under consideration in the Legislature, <strong>AB 1331</strong> would enact the Clean and Safe Drinking Water Act of 2014 and, if approved by the voters at the November 4, 2014 general election, would authorize the issuance of $8 billion in general obligation bonds to finance a variety of water projects.&lt;br&gt;&lt;br&gt;AB 1331 would not provide an equitable share of funding for San Diego County based on the region's taxpayers' proportional contribution to repayment of the water bond.&lt;br&gt;&lt;br&gt;<strong>Status:</strong>&lt;br&gt;Senate Committee on Rules</td>
<td>Oppose, unless amended (27-Feb-14)</td>
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<tr>
<td>Bill Number</td>
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<td>Bill Title, Summary &amp; Status</td>
<td>SDCWA Position (Date of Board Action)</td>
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<tr>
<td>AB 1349</td>
<td>Gatto</td>
<td><strong>CalConserve Water Use Efficiency</strong></td>
<td>Support (28-Mar-13)</td>
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<td>In 2009, the legislature adopted SBX 7-7, which requires urban water agencies to reduce per capita water use 20 percent by 2020. AB 1349 would establish a sustainable funding source for loans for water use efficiency projects to reduce urban per capita water use, reduce greenhouse gas emissions through water efficiency, facilitate recycled water, and improve agricultural water use efficiency. The CalConserve Water Use Efficiency Fund would be created in the State Treasury. When appropriated, funds would be deposited into the revolving fund and repaid by loan recipients for future disbursements. The Department of Water Resources would manage the fund and would enter into agreements with local government agencies or investor-owned utilities that provide water or recycled water service, to provide loans for local water use efficiency or recycled water projects.</td>
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<td><strong>Status:</strong> Died (31-Jan-14)</td>
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<tr>
<td>AB 1434</td>
<td>Yamada</td>
<td><strong>Low-Income Water Rate Assistance Program</strong></td>
<td>Neutral (Original position of &quot;Oppose unless amended&quot; (adopted by Board 22-May-14) removed; bill has been amended and is no longer of concern to the Water Authority)</td>
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<td>Recent amendments to the measure shift the bill away from its operative provisions and make it essentially a study bill. The measure would now only require the Department of Community Services and Development to report to the Legislature regarding the feasibility and desired structure of a low-income water rate assistance program by January 1, 2016.</td>
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<td><strong>Status:</strong> Senate Appropriations Committee</td>
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</table>
# San Diego County Water Authority
## Summary of Current Positions on 2013-2014 Legislation
### as of August 13, 2014

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</tr>
</thead>
</table>
| AB 1445     | Logue  | **California Water Infrastructure Act of 2014**  
One of eleven water bond measures currently under consideration in the Legislature, AB 1445 would enact the California Water Infrastructure Act of 2014 and, if approved by the voters at the November 4, 2014 general election, would authorize the issuance of $5.8 billion in general obligation bonds to finance the public benefits associated with water storage projects.  
AB 1445 would not provide an equitable share of funding for San Diego County based on the region’s taxpayers’ proportional contribution to repayment of the water bond.  
**Status:**  
Assembly Committee on Water, Parks and Wildlife | Oppose, unless amended (27-Feb-14) |
| AB 1636     | Brown  | **Water Conservation**  
AB 1636, as amended on March 28, 2014, would prohibit a common interest development association from imposing a fine or assessment on separate interest owners for yard maintenance issues related to under-watered plants and lawns during any period for which the Governor has declared a state of emergency due to drought.  
Additionally, AB 1636 would prohibit a city or county from imposing a fine or assessment on separate interest owners for yard maintenance issues related to under-watered plants and lawns during any period for which the Governor has declared a state of emergency due to drought, and would provide that a requirement imposed by a governmental entity to limit, restrict, or conserve water during a drought emergency does not constitute a diminution of rent or value of a premise or property.  
AB 1636 would take an important step of providing a “time-out” on the enforcement of governing documents by homeowners’ associations and codes and ordinances by cities and counties for under-watered plants and lawns during an official declaration of state of emergency due to drought. Voluntary and mandatory rationing programs across the state would benefit from the protections that residents would be afforded under AB 1636 in attempting to comply with rationing requests and mandates with respect to outdoor irrigation.  
**Status:**  
Assembly Committee on Local Government | Support and seek amendments (24-Apr-14) |
San Diego County Water Authority  
Summary of Current Positions on 2013-2014 Legislation  
as of August 13, 2014

<table>
<thead>
<tr>
<th>Bill Number</th>
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<th>SDCWA Position (Date of Board Action)</th>
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</thead>
<tbody>
<tr>
<td>AB 1705</td>
<td>Williams</td>
<td><strong>Public Contracts: Payment</strong></td>
<td>Oppose, unless amended (22-May-14)</td>
</tr>
</tbody>
</table>

Existing law authorizes retention proceeds in a public contracting context to exceed 5 percent only in instances where the governing body of the public entity or the designated official of the public entity has approved a finding prior to the bid that the project is “substantially complex” and requires a higher retention. In addition, under existing law, if the public entity makes the finding that a project is “substantially complex” and requires retention in excess of 5 percent, the public entity must include that finding and the actual retention amount in the bid documents. AB 1705, as amended on March 28, 2014, would define projects that are not “substantially complex,” thus limiting the application of the exception to utilize higher retention, and would require that the bid documents include details explaining the basis for the finding that a project is “substantially complex,” in addition to the actual retention amount.

Withholding a percentage of a contract proceeds – “retention” – allows a public agency to maintain a degree of control over a project to ensure that the contractor performs the work well, on time, and on budget. AB 1705 would provide that projects are not “substantially complex” if they are either of the following:
- Regularly, customarily, or routinely performed by the agency or by licensed contractors; or
- Maintenance projects.

As a result of this language in AB 1705, those types of projects would be limited to the 5 percent retention maximum, and could not fit within the “substantially complex” exclusion, thus allowing for a higher retention in the contract.

AB 1705 should be amended to provide that a project may be “substantially complex” unless it is solely limited to regular or routine maintenance or an existing public works repair not requiring replacement or reconstruction.

**Status:**  
Senate third reading
## Integrated Regional Water Management Plans: Funding: Disadvantaged Communities

Under existing law, the Integrated Regional Water Management Planning Act of 2002, regional water management groups are authorized to prepare and adopt an integrated regional water management plan (IRWMP). AB 1731 would require in each IRWM region that not less than 10 percent of any funding for IRWM planning purposes be used to facilitate and support the participation of disadvantaged communities in integrated regional water management planning and for projects that address critical water supply or water quality needs for disadvantaged communities. While the intended objective of AB 1731 to direct a specified level of funding to projects that address the needs of disadvantaged communities within a region may appear laudable, the one-size-fits-all approach in AB 1731 raises several concerns that diminish the measure’s effectiveness and ability to achieve its objective.

Suggested amendments include:

- Clarify that the 10 percent funding allocation to meet the drinking water quality needs of disadvantaged communities is not on a region-by-region basis, but rather a specific dedication from the total funding in an IRWM grant program to projects that help meet a critical water supply or quality need of a disadvantaged community or facilitates disadvantaged community involvement in an IRWM Program.
- Clarify that the 10 percent funding allocation would be limited to only total IRWM funding provided by a state agency, and would not apply to “any” funding that a regional water management group may pursue to finance local and regional projects.

**Status:**
Senate Committee on Natural Resources and Water

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<tr>
<th>Bill Number</th>
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<th>SDCWA Position (Date of Board Action)</th>
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<tbody>
<tr>
<td>AB 1731</td>
<td>Perea</td>
<td>Integrated Regional Water Management Plans: Funding: Disadvantaged Communities</td>
<td>Oppose, unless amended (27-Mar-14)</td>
</tr>
<tr>
<td>AB 1874</td>
<td>Gonzalez</td>
<td>Integrated Regional Water Management Plans: Funding</td>
<td>Sponsor (21-Nov-13)</td>
</tr>
<tr>
<td>Bill Number</td>
<td>Author</td>
<td>Bill Title, Summary &amp; Status</td>
<td>SDCWA Position (Date of Board Action)</td>
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| AB 1891     | Donnelly | **Sales and Use Taxes: Exemption: Water Desalination: Equipment**  
AB 1891, as amended on March 20, 2014, would, until January 1, 2025, exempt from the sales and use tax laws the gross receipts from the sale in the state of, and the storage, use, or other consumption in the state of, any equipment purchased to be primarily used for water desalination. In November 2012, the Water Authority approved a 30-year Water Purchase Agreement with Poseidon Resources for the purchase of up to 56,000 acre-feet of desalinated seawater per year from the Carlsbad Desalination Plant. Poseidon Resources is a private, investor-owned company that develops water and wastewater infrastructure. It will own and operate the desalination plant in Carlsbad. The Water Authority will purchase water from the plant at a pre-defined price. When the facility begins producing water, this new supply and its cost will be melded with other water supplies – and associated costs – the Water Authority purchases for its 24 member agencies. The Water Purchase Agreement between Poseidon Resources and the Water Authority includes a provision for adjustment of water price based on any changes in tax law that would provide relief to Poseidon. If Poseidon Resources and its contractors were to benefit from the sales and use tax exemption for desalination equipment provided for in AB 1891, the Water Authority could in turn also benefit from potentially reduced water purchase costs.  
**Status:**  
Assembly Committee on Revenue and Taxation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Support and seek amendments (24-Apr-14) |
| AB 1983     | Gray | **Water Meters: Multiunit Structures**  
Under existing law, every water purveyor is required, as a condition of new water service, to install a water meter to measure water service. Existing law also requires urban water suppliers to charge water users based on the actual volume of deliveries, as measured by those water meters. AB 1983 would require a water purveyor that provides water service to a newly constructed multiunit residential structure that submits an application for a water connection after January 1, 2015, to require the installation of a water meter or submeter, to measure water supplied to each individual dwelling unit. AB 1983 would prohibit a landlord from charging tenants separately for water service in a property, unless submeters have been installed and the landlord has executed a rental agreement with the tenant, disclosing that the tenant will be billed for water separately from the rent and that the tenant will also be billed for a portion of any recurring fixed charge billed to the property by the water purveyor. AB 1983 would also provide that its provisions would not affect any local ordinances with stricter provisions if that ordinance was adopted prior to January 1, 2014. There would be a greater tendency toward conservation of the resource because of the direct pricing motivation that doesn’t necessarily exist today when there is only a single water meter serving a multifamily residential dwelling or when water costs are simply allocated and billed based on the square footage of the apartment residence or on the number of occupants. The submeter would provide a direct pricing signal to | Support, if amended (24-Apr-14) |
<table>
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<tr>
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<tr>
<td>AB 1983 (cont.)</td>
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<td>the consumer, and would allow that consumer to take action to conserve water and, in turn, lower their individual residence water bill.</td>
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<td>Even though AB 1983 would move submetering requirements in a very positive direction to improve water use efficiency, there are two issues within AB 1983 that still require further attention and warrant pursuit of amendments to address:</td>
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<td>• The City of San Diego has been successfully implementing its own submetering ordinance since 2010 that is as comprehensive, if not more comprehensive, than the requirements proposed in AB 1983. Amendments should be proposed that would “grandfather” the City’s submetering ordinance and not impose additional or different obligations upon the City. While there is existing “grandfathering” language included in AB 1983, the preferred – and more comprehensive – compromise language that satisfied those seeking a “grandfather” provision, appears in the text of SB 750 and should also be amended into AB 1983.</td>
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<td>• The California Business Industry Association (CBIA) has raised concerns that the measure may inadvertently allow water purveyors to “double-charge” a customer for connection charges or capacity fees when a customer is submetered. The following proposed compromise amendment language appears to appropriately address the potential “double-charging” issue adequately: &quot;A water purveyor shall not impose an additional capacity line or connection fee or charge for a submeter that is installed by the building owner, or his or her agent.&quot;</td>
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<td><strong>Status:</strong> Assembly Committee on Housing and Community Development, and Assembly Committee on Water, Parks, and Wildlife</td>
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<tr>
<td>AB 2043</td>
<td>Bigelow</td>
<td><strong>Safe, Clean, and Reliable Drinking Water Supply Act of 2014</strong></td>
<td>Support, if amended (27-Feb-14)</td>
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<td>One of eleven water bond measures currently under consideration in the Legislature. AB 2043 would enact the Safe, Clean, and Reliable Drinking Water Supply Act of 2014 and, if approved by the voters at the November 4, 2014 general election, would authorize the issuance of $7.935 billion in general obligation bonds to finance a variety of water projects.</td>
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<td>AB 2043 would provide an equitable share of directly allocated funding for San Diego County based on the region’s taxpayers’ proportional contribution to repayment of the water bond.</td>
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<td><strong>Status:</strong> Assembly Appropriations Committee</td>
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<tr>
<td>AB 2067</td>
<td>Weber</td>
<td><strong>Urban Water Management Plans</strong>&lt;br&gt;The Urban Water Management Planning Act requires all water suppliers who serve more than 3,000 customers or supply more than 3,000 acre-feet of municipal water annually to adopt an Urban Water Management Plan (UWMP) every five years. UWMPs are intended to ensure that local water suppliers are planning and implementing both water supply and demand management measures to improve water supply reliability and to better prepare for drought conditions. AB 2067 will simplify and make less prescriptive the demand management measure reporting requirements in UWMPs. Additionally, the objective of AB 2067 is also to update and streamline the demand management measure reporting requirements contained in the UWMP Act to reflect the legislative, management, and technological changes that have occurred in recent years.</td>
<td>Sponsor (21-Nov-13)</td>
</tr>
<tr>
<td>AB 2100</td>
<td>Campos</td>
<td><strong>Common Interest Developments: Local Governments: Yard Maintenance: Fines: Drought</strong>&lt;br&gt;Existing law sets forth the duties and responsibilities of a homeowners’ association, and provides that the association is responsible for maintaining, repairing, and replacing the common area, and the owner of each separate interest is responsible for maintaining that separate interest and any exclusive use common area appurtenant to the separate interest. Also under existing law, an association may impose a fine or assessment upon a separate interest owner for failure to maintain his or her property in accordance with the association rules for that common interest development. AB 2100 would prohibit a common interest development association from imposing a fine or assessment on separate interest owners for yard maintenance issues related to under-watered plants and lawns during any period for which the Governor has declared a state of emergency due to drought. Additionally, AB 2100 would prohibit a city or county from imposing a fine or assessment on separate interest owners for yard maintenance issues related to under-watered plants and lawns during any period for which the Governor has declared a state of emergency due to drought. Voluntary and mandatory rationing programs across the state would benefit from the protections that residents would be afforded under AB 2100 in attempting to comply with rationing requests and mandates with respect to outdoor irrigation.&lt;br&gt;&lt;br&gt;AB 2100 should be amended to clarify what will happen when the drought has concluded, including provisions relating to the length of time residents would have to correct drought-related yard maintenance issues after the drought state of emergency is over, prior to the reinstitution of fine and penalty programs.</td>
<td>Support and seek amendments (27-Feb-14)</td>
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<tr>
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<tr>
<td>AB 2104</td>
<td>Gonzalez</td>
<td><strong>Common Interest Developments: Water-Efficiency Landscapes</strong>&lt;br&gt;Existing law, the Davis-Stirling Common Interest Development Act, sets forth the duties and responsibilities of a homeowners’ association, and provides that the association is responsible for maintaining, repairing, and replacing the common area, and the owner of each separate interest is responsible for maintaining that separate interest and any exclusive use common area appurtenant to the separate interest. Existing law also provides that a provision of any of the common interest development governing documents, including bylaws and operating rules, that govern the operation of a common interest development, is void and unenforceable if it prohibits – or includes conditions that have the effect of prohibiting – the use of low water-using plants as a group, or if it has the effect of prohibiting or restricting compliance with a local water-efficient landscape ordinance or water conservation measure.&lt;br&gt;&lt;br&gt;AB 2104 would provide that governing documents include architectural or landscaping guidelines or policies and decisions by the board of directors applicable to a specific homeowner, and would apply these provisions to a prohibition on the replacement of existing turf with low water-using plants.&lt;br&gt;&lt;br&gt;AB 2104 would take an important step by eliminating loopholes that would continue to have the effect of restricting common interest development residents from replacing existing turf with low water-using plants. Voluntary and mandatory rationing programs across the state would benefit from the provisions of AB 2104 that would help to improve opportunities for broader efficiency in outdoor irrigation.**&lt;br&gt;&lt;br&gt;<strong>Status:</strong>&lt;br&gt;Senate third reading</td>
<td>Support (27-Feb-14)</td>
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### San Diego County Water Authority


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<tr>
<th>Bill Number</th>
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<th>SDCWA Position (Date of Board Action)</th>
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<tbody>
<tr>
<td>AB 2282</td>
<td>Gatto</td>
<td><strong>Building Standards: Recycled Water Infrastructure</strong>&lt;br&gt;AB 2282 would provide for the development and adoption of mandatory building standards during the 2016 Intervening Code Adoption Cycle for the installation of recycled water systems for newly constructed residential, commercial, and public buildings.&lt;br&gt;The bill's author accepted amendments advanced by the Water Authority relating to limiting the mandate to install recycled water piping in areas where the only recycled water use is for potable purposes.</td>
<td>Support, if amended (24-Apr-14)&lt;br&gt;Modified Position: Support (Bill was amended in keeping with amendments sought by the Water Authority, 2-Jul-14)</td>
</tr>
<tr>
<td>AB 2417</td>
<td>Nazarian</td>
<td><strong>California Environmental Quality Act: Exemption: Recycled Water Pipelines</strong>&lt;br&gt;AB 2417, as amended on March 28, 2014, would exempt from CEQA a project for the construction and installation of a new pipeline or the maintenance, repair, restoration, reconditioning, relocation, replacement, removal, or demolition of an existing pipeline – not exceeding 8 miles in length – for the distribution of recycled water within a public street, highway, or right-of-way. Recycled water pipelines are already subjected to strict state health guidelines. Since water agencies would be required to follow the guidelines set forth in AB 2417, meet all state and local permit requirements, and meet state regulations for the proper installation of recycled water pipelines, the lengthy CEQA process becomes an unnecessary delay. However, the measure contains language that could be construed as imposing requirements on the use of public streets by the Water Authority and its member agencies that are not consistent with current statutory authority. Water Authority staff believes that the author’s intention is not to impose additional requirements, but merely to have agencies demonstrate that work will be done in accordance with existing laws and requirements, such as protection of the public through traffic control and street resurfacing.&lt;br&gt;AB 2417 should be amended to ensure that the measure does not impose additional requirements, but merely provides that agencies demonstrate that work will be done in accordance with existing laws and requirements, such as protection of the public through traffic control and street resurfacing</td>
<td>Support and seek amendments (24-Apr-14)</td>
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</tbody>
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**Status:**

- Senate Appropriations Committee
- Senate Committee on Environmental Quality
### San Diego County Water Authority


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<tr>
<td>AB 2434</td>
<td>Gomez</td>
<td><strong>Income Taxes: Exclusion</strong></td>
<td>Support (24-Apr-14)</td>
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<td>The Personal Income Tax Law provides an exclusion from gross income for any amount received as a rebate from a local water agency or supplier for the purchase of a water conservation water closet, energy efficient clothes washers, and plumbing devices. The Corporation Tax Law provides exclusion from gross income for any rebate, voucher, or other financial incentive issued by the California Energy Commission, the Public Utility Commission, or a local publicly owned electric utility for any expense incurred by a taxpayer for the purchase or installation of a thermal system, solar system, wind energy device that produces electricity, or a fuel cell generating system. AB 2434 would amend both of these laws, and would provide an exclusion from gross income any amount received as a rebate, voucher, or other financial incentive issued by a local water or energy agency or supplier for expenses incurred to participate in a water or energy conservation program. AB 2434 would help to broaden the range of water efficiency or energy incentives that would be excluded from gross income, and would remove tax liabilities that could dilute the efficacy of these programs.</td>
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<tr>
<td>AB 2554</td>
<td>Rendon</td>
<td><strong>Clean, Safe, and Reliable Drinking Water Act of 2014</strong></td>
<td>Support, if amended (24-Apr-14)</td>
</tr>
<tr>
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<td>One of eleven water bond measures currently under consideration in the Legislature, AB 2554 would enact the Clean, Safe, and Reliable Drinking Water Act of 2014 and, if approved by the voters at the November 4, 2014 general election, would authorize the issuance of $8.5 billion in general obligation bonds to finance a variety of water projects. AB 2554 would provide an equitable share of funding for San Diego County based on the region’s taxpayers’ proportional contribution to repayment of the water bond.</td>
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**Status:**
- Senate Appropriations Committee
- Assembly Appropriations Committee
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<tr>
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<tbody>
<tr>
<td>AB 2636</td>
<td>Gatto</td>
<td>CalConserve Water Use Efficiency Revolving Fund</td>
<td>Support and seek amendments (27-Feb-14)</td>
</tr>
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</table>

Existing law requires the achievement of a 20 percent reduction in urban per capita water use in California by December 31, 2020, and requires each urban retail water supplier to comply with that target. Existing law also requires agricultural water suppliers to implement efficient water management practices, including water measurement.

AB 2636 would establish the CalConserve Water Use Efficiency Revolving Fund administered by the Department of Water Resources (DWR) and would continuously appropriate moneys in the fund to DWR for the purpose of water use efficiency projects. AB 2636 would require moneys in the fund to be used for purposes that include at-or-below market interest rate loans, and would permit DWR to enter into agreements with local government or investor-owned utilities that provide water or recycled water service to provide loans. AB 2636 is co-sponsored by the Metropolitan Water District of Southern California and the California Municipal Utilities Association. AB 2636 reflects a concept that was initially introduced and advanced by Assemblymember Gatto in AB 2011 during the 2012 legislative session, and again as AB 1349 during the 2013 legislative session. Both of those previous efforts failed passage in the Legislature. AB 2636 would take a measured approach to establishing a revolving loan fund for water use efficiency, and would provide that the following purposes would be eligible for loan funding:

- Reducing urban per capita water use
- Improving agricultural water use efficiency
- Increasing the use of recycled water
- Reducing greenhouse gas emissions through water efficiency improvements

AB 2636 should be amended to provide a source of funding to capitalize the revolving loan fund. There are limited sources of funding to implement AB 2636, so it is unclear whether opportunities would be pursued in the context of water bond legislation. The staff will closely monitor to ensure that no statewide water user fee, charge, or tax is contemplated to finance the program.

**Status:**
Senate Appropriations Committee
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<tr>
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<tbody>
<tr>
<td>AB 2686</td>
<td>Perea</td>
<td><strong>Clean, Safe, and Reliable Water Supply Act of 2014</strong>&lt;br&gt;One of eleven water bond measures currently under consideration in the Legislature. AB 2686 would enact the Clean, Safe, and Reliable Drinking Water Supply Act of 2014 and, if approved by the voters at the November 4, 2014 general election, would authorize the issuance of $9.25 billion in general obligation bonds to finance a variety of water projects.&lt;br&gt;AB 2686 would provide an equitable share of directly allocated funding for San Diego County based on the region’s taxpayers’ proportional contribution to repayment of the water bond.</td>
<td>Support, if amended (27-Feb-14)</td>
</tr>
<tr>
<td>SB 322</td>
<td>Hueso</td>
<td><strong>Water Recycling</strong>&lt;br&gt;SB 322 would require the Department of Public Health, in consultation with the State Water Resources Control Board, to investigate the feasibility of developing uniform water recycling criteria for potable reuse and provide a final report on that investigation to the Legislature by December 31, 2016.</td>
<td>Sponsor (29-Nov-12) (modified 28-Feb-13)</td>
</tr>
<tr>
<td>Bill Number</td>
<td>Author</td>
<td>Bill Title, Summary &amp; Status</td>
<td>SDCWA Position</td>
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<tr>
<td>SB 425</td>
<td>DeSaulnier</td>
<td>Public Works Peer Review Act of 2013</td>
<td>Watch</td>
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<td>SB 425, when introduced, and when the Water Authority Board elected to watch this legislation, would have required any public works project valued at greater than $1 billion to establish a peer review group (PRG) responsible for reviewing: 1) project demand studies; 2) design and engineering models and estimates; and 3) construction, testing and inspection practices. The bill in its original form would have prohibited a PRG taking action until a charter was created and agreed upon by the project agency and the relevant legislative body, which could have lead to possible project delays. As amended May 7, 2013, SB 425 would allow, rather than require, a public agency to establish a specified peer review group and would require the administering agency, if a PRG is established, to draft a charter, published on the agency's Internet Web site, related to the duties of the PRG. SB 425 is duplicative of industry standard practices for large public works infrastructure projects. It is common to establish boards of senior consultants to advise and guide the project team with the design, construction and operation of large “megaprojects,” which are the subject of SB 425, and to dissect a project’s elements by a value engineering team to maximize the cost benefit. Value engineering is mandated for large Water Authority projects and boards of senior consultants were employed for the Olivenhain and San Vicente Dam projects. The use of boards of senior consultants and value engineering are recognized as “best practices” in public works and are often utilized on large complex projects. The peer review group as envisioned by this legislation attempts to combine these two industry-accepted practices into one and may not achieve the results anticipated. <strong>Status:</strong> Chapter 252, Statutes of 2013</td>
<td>Watch (28-Mar-13)</td>
</tr>
<tr>
<td>SB 436</td>
<td>Jackson</td>
<td>Environmental Quality: Public Notice</td>
<td>Oppose, unless amended</td>
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<tr>
<td></td>
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<td><strong>Status:</strong> Bill was amended (9/6/2013) to subject matter no longer relevant to the Water Authority.</td>
<td>(25-Apr-13)</td>
</tr>
<tr>
<td>Bill Number</td>
<td>Author</td>
<td>Bill Title, Summary &amp; Status</td>
<td>SDCWA Position (Date of Board Action)</td>
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<td>SB 617</td>
<td>Evans</td>
<td><strong>Environmental Quality: Public Notice</strong>&lt;br&gt;Existing law defines “environment” and “significant effect on the environment” for the purpose of factual analysis. SB 617 would revise the definitions of “environment” and “significant effect on the environment” and require the lead agency to include in the Environmental Impact Report (EIR) a detailed statement on any significant effects that may result from locating development near, or attracting people to, existing or reasonably foreseeable natural hazards or adverse environmental conditions. In addition, SB 617 includes noticing provisions similar to those in both AB 380 (Dickinson) and SB 436 (Jackson), discussed above. The bill would authorize the Office of Planning and Research (OPR) to charge a $10 administrative fee per notice filed.&lt;br&gt;The proposed definition revisions broaden the required analysis to include not only the effects of the project on the environment, but the effects of the environment on the project. This additional analysis provides another layer of complexity that increases uncertainty in assessing the range and magnitude of potential significant effects, thus making environmental documents more susceptible to legal challenges. In addition, for the same reasons listed under AB 380, if OPR is to be the designated repository for all notices, the bill should be amended to remove the requirement for a duplicative posting with the county clerk, and OPR should establish an Internet database where public agencies can directly upload the required notices.&lt;br&gt;&lt;strong&gt;Status:&lt;/strong&gt; Died in Senate (06-Feb-14)</td>
<td>Oppose (25-Apr-13)</td>
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<tr>
<td>SB 750</td>
<td>Wolk</td>
<td><strong>Building Standards</strong>&lt;br&gt;SB 750, as amended on May 24, 2013, would require a water purveyor that provides water service to a newly constructed multunit residential structure or newly constructed mixed-use residential and commercial structure that submits an application for a water connection after January 1, 2014, to require the installation of a water meter or submeter, to measure water supplied to each individual dwelling unit. SB 750 would also require the owner of the structure to ensure that a water submeter installed for measurement purposes complies with the laws and regulations governing installation, approval of meter type, maintenance, reading, billing, and testing of submeters. In addition, SB 750 would prohibit a landlord from charging tenants separately for water service in a property, unless submeters have been installed and the landlord has executed a rental agreement with the tenant, disclosing that the tenant will be billed for water separately from the rent and that the tenant will also be billed for a portion of any recurring fixed charge billed to the property by the water purveyor. SB 750 would authorize landlords to charge tenants a monthly administrative fee for the actual costs of reading the submeters and providing billing services up to a maximum of $4.00 per submetered tenant per month. Finally, SB 750 would exempt several types of structures from the requirements of the bill, including: low income housing,</td>
<td>Support, if amended (27-Jun-13)</td>
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<tr>
<td>Bill Number</td>
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<tr>
<td>SB 750</td>
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<td>student dormitories, long-term healthcare facilities, time-share properties, residential care facilities, and structures greater than four stories in height where the plumbing configuration renders the installation of submeters infeasible.</td>
<td>Oppose, unless amended (27-Feb-14)</td>
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<td>(cont.)</td>
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<td>The Water Authority has long been a statewide leader in improving water use efficiency. SB 750 would make important advancements in this area by taking a significant step toward providing direct pricing signals to water consumers, including those residing within multifamily residential dwellings. However, there are two areas that require attention.</td>
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<td>Amendments sought by the Water Authority include:</td>
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<td>• Amend SB 750 to “grandfather” the City of San Diego’s submetering ordinance and not impose any additional or different obligations upon the City beyond those embodied in the existing ordinance.</td>
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<td>• Amend SB 750 to alleviate concerns over the potential for inadvertent “double-charging” by a water purveyor of connection fees and capacity charges upon a submetered customer.</td>
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<td><strong>Status:</strong></td>
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<td>Assembly Committee on Water, Parks and Wildlife</td>
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<tr>
<td>SB 848</td>
<td>Wolk</td>
<td><strong>Safe Drinking Water, Water Quality, and Water Supply Act of 2014</strong></td>
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<td>One of eleven water bond measures currently under consideration in the Legislature, SB 848 would enact the Safe Drinking Water, Water Quality, and Water Supply Act of 2014 and, if approved by the voters at the November 4, 2014 general election, would authorize the issuance of $6.825 billion in general obligation bonds to finance a variety of water projects.</td>
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<td>SB 848 would not provide an equitable share of funding for San Diego County based on the region’s taxpayers’ proportional contribution to repayment of the water bond.</td>
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<td><strong>Status:</strong></td>
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<td>Senate third reading</td>
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San Diego County Water Authority  
Summary of Current Positions on 2013-2014 Legislation  
as of August 13, 2014

| Bill Number | Author | Bill Title, Summary & Status | SDCWA Position  
(Date of Board Action) |
|-------------|--------|-----------------------------|---------------------|
| SB 927      | Cannella | **Safe, Clean, and Reliable Drinking Water Supply Act of 2014**<br>SB 927 would enact the Safe, Clean, and Reliable Drinking Water Supply Act of 2014 and, if approved by the voters at the November 4, 2014 general election, would authorize the issuance of $9.217 billion in general obligation bonds to finance a variety of water projects. SB 927 would represent an amendment of the existing November 2014 water bond, rather than a complete replacement of that bond measure with a new approach. SB 927 largely retains the same structure as the 2009 water bond, and the changes to the November 2014 water bond appear to narrowly focus on eliminating earmarked funding allocations.<br><br>SB 927 would appear to provide an equitable share of funding for San Diego County based on the region’s taxpayers’ proportional contribution to repayment of the water bond. | Support, if amended  
(27-Feb-14) |
| SB 992      | Nielsen | **Maintenance of Exclusive Areas: Fines**<br>Existing law, the Davis-Stirling Common Interest Development Act, sets forth the duties and responsibilities of a homeowners’ association, and provides that the association is responsible for maintaining, repairing, and replacing the common area, and the owner of each separate interest is responsible for maintaining that separate interest and any exclusive use common area appurtenant to the separate interest. Also under existing law, an association may impose a fine or assessment upon a separate interest owner for failure to maintain his or her property in accordance with the association rules for that common interest development. SB 992 would prohibit a common interest development association from imposing a fine or assessment on separate interest owners for yard maintenance issues related to under-watered plants and lawns during any period for which the Governor has declared a state of emergency due to drought. SB 992 would take an important step of providing a “time-out” on the enforcement of governing documents by homeowners’ associations and codes and ordinances by cities and counties for under-watered plants and lawns during an official declaration of state of emergency due to drought. Voluntary and mandatory rationing programs across the state would benefit from the protections that residents would be afforded under SB 992.<br><br>SB 992 should be amended to clarify what will happen when the drought has concluded, including provisions relating to the length of time residents would have to correct drought-related yard maintenance issues after the drought state of emergency is over, prior to the reinstatement of fine and penalty programs. | Support and seek amendments  
(27-Feb-14) |
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<tr>
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<tr>
<td>SB 1049</td>
<td>Pavley</td>
<td><strong>Integrated Regional Water Management Plans</strong>&lt;br&gt;Existing law authorizes a regional water management group to prepare an integrated regional water management (IRWM) plan for the implementation or operation of projects or programs relating to water supply, water quality, and related matters. SB 1049 would specifically include projects or programs that reduce energy used to acquire, transport, treat, or distribute water, as a regional project or program, thus making those projects eligible to be funded through IRWM funding opportunities. In addition, SB 1049 would require a regional water management group to include all water suppliers that are within the watershed area, the area over a groundwater basin or subbasin, or the area within a county’s boundaries. There has been concern expressed within some regions of the state that the regional water management group will not allow new members to join, even if they qualify for membership and indicate a willingness to co-pay for the operations of the regional water management group. SB 1049 should be amended to provide that:&lt;br&gt;• Any water supplier within the boundaries of a regional water management group shall be eligible to become a member of the regional water management group if it commits to co-pay a proportionate share of the funding provided by regional water management group members for the operations of the region’s IRWM program.&lt;br&gt;• A regional water management group shall, to the extent feasible, form a public advisory committee that enables local agencies and non-profit organizations within the region water management group’s boundaries to review and make recommendations about the regional water management group’s planning and grant funding activities.&lt;br&gt;&lt;br&gt;&lt;strong&gt;Status:&lt;/strong&gt;&lt;br&gt;Senate Appropriations Committee</td>
<td>Support, if amended (27-Feb-14)</td>
</tr>
<tr>
<td>SB 1121</td>
<td>De León</td>
<td><strong>California Climate Technology and Infrastructure Financing Act</strong>&lt;br&gt;SB 1121 would enact the California Climate Technology and Infrastructure Financing Act, and would require the Authority to develop a program to provide financial assistance to eligible greenhouse gas emissions reduction projects. Eligible greenhouse gas emissions reduction projects would include, among other projects, those relating to water capture, conveyance, distribution, use, reuse, and recycling, and wastewater collection, treatment, and disposal. While there are some clear limitations to the access of this potential financial assistance, this funding mechanism could be used by the Water Authority or its member agencies on future projects. Through the implementation of this financial assistance program, the Water Authority and its member agencies may be able to obtain loans or other financial support for GHG emissions reduction projects at lower interest rates, thus decreasing the costs for ratepayers.&lt;br&gt;&lt;br&gt;&lt;strong&gt;Status:&lt;/strong&gt;&lt;br&gt;Assembly Appropriations Committee</td>
<td>Support (24-Jul-14)</td>
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San Diego County Water Authority  
Summary of Current Positions on 2013-2014 Legislation  
as of August 13, 2014

| Bill Number | Author | Bill Title, Summary & Status | SDCWA Position  
(Date of Board Action) |
|-------------|--------|------------------------------|----------------------|
| SB 1139     | Hueso  | **California Renewables Portfolio Standard Program**  
Under existing law, the Public Utilities Commission (PUC) has regulatory authority over public utilities, including electrical corporations, while local publicly owned electric utilities are under the direction of their governing boards. The existing California Renewables Portfolio Standard Program requires a retail seller of electricity and local publicly owned electric utilities to purchase minimum quantities of electricity products from eligible renewable energy resources.  
SB 1139 would require investor-owned utilities and retail sellers of electricity as defined in the Renewable Portfolio Standard (RPS) to purchase 500 megawatts (MW) of electricity generated by new geothermal power plants by 2024.  
Amendments advanced by the Water Authority relating to concerns that the measure did not provide eligibility for geothermal power to count towards achieving obligations under the California Renewables Portfolio Standard were accepted by the author. SB 1139 was amended to authorize the Public Utilities Commission to determine whether the electricity procured by retail sellers from baseload geothermal powerplants shall count towards meeting RPS obligations.  
**Status:**  
Assembly Appropriations Committee | Support, if amended  
(22-May-14) |
| SB 1144     | Galgiani | **Common Interest Developments: Local Governments: Yard Maintenance Fines: Drought**  
Existing law sets forth the duties and responsibilities of a homeowners’ association, and provides that the association is responsible for maintaining, repairing, and replacing the common area, and the owner of each separate interest is responsible for maintaining that separate interest and any exclusive use common area appurtenant to the separate interest. Also under existing law, an association may impose a fine or assessment upon a separate interest owner for failure to maintain his or her property in accordance with the association rules for that common interest development. | Support and seek amendments  
(27-Feb-14) |
### San Diego County Water Authority


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<tr>
<td>SB 1144 (cont.)</td>
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<td>SB 1144 would prohibit a common interest development association from imposing a fine or assessment on separate interest owners for yard maintenance issues related to under-watered plants and lawns during any period for which the Governor has declared a state of emergency due to drought. Additionally, SB 1144 would prohibit a city or county from imposing a fine or assessment on separate interest owners for yard maintenance issues related to under-watered plants and lawns during any period for which the Governor has declared a state of emergency due to drought. SB 1144 would take an important step of providing a “time-out” on the enforcement of governing documents by homeowners’ associations and codes and ordinances by cities and counties for under-watered plants and lawns during an official declaration of state of emergency due to drought. Voluntary and mandatory rationing programs across the state would benefit from the protections that residents would be afforded under SB 1144 in attempting to comply with rationing requests and mandates with respect to outdoor irrigation. SB 1144 should be amended to clarify what will happen when the drought has concluded, including provisions relating to the length of time residents would have to correct drought-related yard maintenance issues after the drought state of emergency is over, prior to the reinstitution of fine and penalty programs. <strong>Status:</strong> Senate Committee on Transportation and Housing</td>
<td>Support, if amended (24-Apr-14)</td>
</tr>
<tr>
<td>SB 1250</td>
<td>Hueso</td>
<td><strong>Safe, Clean, and Reliable Drinking Water Supply Act of 2014</strong> One of eleven water bond measures currently under consideration in the Legislature, SB 1250, as proposed to be amended, would enact the Safe, Clean, and Reliable Drinking Water Supply Act of 2014 and, if approved by the voters at the November 4, 2014 general election, would authorize the issuance of $9.45 billion in general obligation bonds to finance a variety of water projects. SB 1250 would not provide an equitable share of funding for San Diego County based on the region’s taxpayers’ proportional contribution to repayment of the water bond, although it is important to note that the funding allocations embodied in Chapter 9 have not yet been fully developed in the measure. <strong>Status:</strong> Senate Committee on Natural Resources and Water</td>
<td>Support, if amended (24-Apr-14)</td>
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### San Diego County Water Authority
#### Summary of Current Positions on 2013-2014 Legislation
as of August 13, 2014

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<tbody>
<tr>
<td>SB 1370</td>
<td>Galgiani</td>
<td><strong>Reliable Water Supply Bond Act of 2014</strong>&lt;br&gt;One of eleven water bond measures currently under consideration in the Legislature. SB 1370 would enact the Reliable Water Supply Act of 2014 and, if approved by the voters at the November 4, 2014 general election, would authorize the issuance of $5.1 billion in general obligation bonds to finance surface water storage projects.&lt;br&gt;AB 1445 would not provide an equitable share of funding for San Diego County based on the region’s taxpayers’ proportional contribution to repayment of the water bond.</td>
<td>Oppose unless amended (27-Feb-14)</td>
</tr>
<tr>
<td>SB 1420</td>
<td>Wolk</td>
<td><strong>Water Management: Urban Water Management Plans</strong>&lt;br&gt;Existing law, the Urban Water Management Planning Act, requires every public and private urban water supplier that directly or indirectly provides water for municipal purposes to prepare and adopt an urban water management plan. Existing law also requires an urban water management plan to quantify past and current water use and projected water use, identifying the uses among water use sectors, including commercial, agricultural, and industrial. Existing law also requires an urban water supplier to submit copies of its plan and copies of amendments or changes to the plan to certain entities, including the Department of Water Resources (DWR).&lt;br&gt;SB 1420 would require an urban water management plan to quantify and report on distribution system water loss. Additionally, SB 1420 would authorize (and make voluntary in urban water management plans) water use projections to display and account for the water savings estimated to result from adopted codes, standards, ordinances, and transportation and land use plans. SB 1420 would also require the plan, or amendments to the plan, to be submitted electronically to DWR and include any standardized forms, tables, or displays specified by DWR.&lt;br&gt;AB 1420 (Laird), which was enacted into law in 2007, required the Department of Water Resources (DWR), in consultation with the California Urban Water Conservation Council (CUWCC) to convene an independent technical panel (ITP) to provide information and recommendations to DWR and the Legislature on new water demand management measures, technologies, and approaches to improve water use efficiency in California. The ITP made available a public draft report in December 2013, and is scheduled to make a final report and recommendations to the Legislature in Spring 2014.&lt;br&gt;The ITP public draft report issued in December 2013 included five specific consensus recommendations. The organizations involved in developing the consensus recommendations included the following:</td>
<td>Support (27-Mar-14)</td>
</tr>
</tbody>
</table>
### San Diego County Water Authority

**Summary of Current Positions on 2013-2014 Legislation**

**as of August 13, 2014**

<table>
<thead>
<tr>
<th>Bill Number</th>
<th>Author</th>
<th>Bill Title, Summary &amp; Status</th>
<th>SDCWA Position (Date of Board Action)</th>
</tr>
</thead>
</table>
| SB 1420     |        | • San Diego County Water Authority  
• Los Angeles Department of Water and Power  
• Gardenworks, Inc.  
• UC Davis, California Center for Urban Horticulture  
• City of Sacramento  
• Maddaus Water Management  
• Natural Resources Defense Council |

The five consensus recommendations contained in the ITP public draft report each would require legislative action to implement. The following are the five consensus recommendations approved by the ITP:

1. Amend the Urban Water Management Planning Act to simplify and update the demand management measure reporting requirements. This issue is contained in the Water Authority’s sponsored legislation, AB 2067 (Weber).
2. Require distribution system water loss reporting in urban water management plans. This issue is contained in SB 1420.
3. Authorize DWR to require electronic filing of urban water management plans, including standardized forms. This issue is contained in SB 1420.
4. Voluntary reporting on projected water savings from codes, standards, ordinances, and transportation and land use plans affecting an urban water supplier’s service area. This issue is contained in SB 1420.
5. Voluntary inclusion of energy intensity in urban water management plans. This recommendation is not included in any legislation, at this time.

SB 1420 would complement the Water Authority’s sponsored legislation – AB 2067 (Weber) – and would simplify and clarify the demand management measure reporting requirements in urban water management plans. In addition, SB 1420 would also update and streamline the reporting of distribution system water loss in urban water management plans and make reporting improvements that are reflective of the legislative, management, and technological changes that have occurred in recent years.

**Status:**

Assembly third reading
<table>
<thead>
<tr>
<th>Legislation Under Review by the Water Authority as of August 13, 2014</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CA AB 1</strong></td>
</tr>
<tr>
<td><strong>FISCAL COMMITTEE:</strong> yes</td>
</tr>
<tr>
<td><strong>LAST AMEND:</strong> 04/03/2013</td>
</tr>
<tr>
<td><strong>SUMMARY:</strong> Appropriates funds for use by the Greater Monterey County Regional Water Management Group, referred to as the management group, to develop the integrated plan to address the drinking water and wastewater needs of disadvantaged communities in the Salinas Valley whose waters have been affected by waste discharges.</td>
</tr>
<tr>
<td><strong>STATUS:</strong> 01/31/2014 Died pursuant to Art. IV, Sec. 10(c) of the Constitution. 02/03/2014 From Committee: Filed with the Chief Clerk pursuant to JR 56.</td>
</tr>
<tr>
<td><strong>CA AB 7</strong></td>
</tr>
<tr>
<td><strong>FISCAL COMMITTEE:</strong> yes</td>
</tr>
<tr>
<td><strong>LAST AMEND:</strong> 06/10/2013</td>
</tr>
<tr>
<td><strong>SUMMARY:</strong> Requires the owner or operator of a well to file an application specifying additional information before commencing drilling and to provide to the State Oil and Gas Supervisor specific information relating to hydraulic fracturing as part of the well's drilling history. Prohibits drilling until approval or denial of the application. Defines hydraulic fracturing and related fluids. Provides the procedures to be taken in determining that such information is a trade secret. Requires landowner notification.</td>
</tr>
<tr>
<td><strong>STATUS:</strong> 02/03/2014 Died on Inactive File.</td>
</tr>
<tr>
<td><strong>CA AB 21</strong></td>
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<tr>
<td><strong>FISCAL COMMITTEE:</strong> yes</td>
</tr>
<tr>
<td><strong>ENACTED:</strong> 10/08/2013</td>
</tr>
<tr>
<td><strong>CHAPTER:</strong> 628</td>
</tr>
</tbody>
</table>
to the fund. Authorizes the expending of the money in the fund for grants for specified water projects that serve disadvantaged and severely disadvantaged communities. Limits the amount in the fund.

STATUS:
10/08/2013 Signed by GOVERNOR.
10/08/2013 Chaptered by Secretary of State. Chapter No. 628

CA AB 26

AUTHOR: Bonilla [D]
TITLE: Construction: Prevailing Wage
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 12/03/2012
LAST AMEND: 06/16/2014
DISPOSITION: Pending
COMMITTEE: Assembly Labor and Employment Committee
HEARING: 08/13/2014 11:00 am
SUMMARY: Revises the definition for construction to include postconstruction phases and cleanup work at the jobsite, for purposes of the requirements in existing law regarding the payment of prevailing wages on public works construction, alteration, demolition, installation, or repair work done under contract and paid in whole or in part out of public funds.

STATUS:
08/11/2014 Re-referred to ASSEMBLY Committee on LABOR AND EMPLOYMENT.
08/11/2014 In ASSEMBLY. Joint Rule 62(a) suspended.

CA AB 30

AUTHOR: Perea [D]
TITLE: Water Quality
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 12/03/2012
ENACTED: 10/08/2013
DISPOSITION: Enacted
LOCATION: Chaptered
CHAPTER: 629
SUMMARY: Amends the Porter-Cologne Water Quality Control Act to authorize the Water Resources Control Board to assess an annual charge in connection with any financial assistance under the Water Pollution Control Revolving Fund without a change unless the board makes a prescribed determination, at which time the board would replace the charge with an identical interest rate. Relates to deposits into the State Water Pollution Control Revolving Fund Small Community Grant Fund and expansion of grants from the fund.

STATUS:
10/08/2013 Signed by GOVERNOR.
10/08/2013 Chaptered by Secretary of State. Chapter No. 629

CA AB 39

AUTHOR: Skinner [D]
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 12/03/2012
### CA AB 44

**LAST AMEND:** 06/24/2013  
**DISPOSITION:** Pending  
**FILE:** A-41  
**LOCATION:** Senate Inactive File  
**SUMMARY:** Extends the operation of the Energy Conservation Assistance Act of 1979 that requires the State Energy Resources Conservation and Development Commission to administer the State Energy Conservation Assistance Account, a continuously appropriated account to provide grants and loans to local governments and public institutions to maximize energy use savings.  
**STATUS:** 09/12/2013 In SENATE. From third reading. To Inactive File.  

**AUTHOR:** Buchanan [D]  
**TITLE:** Subletting and Subcontracting Fair Practices Act  
**FISCAL COMMITTEE:** yes  
**URGENCY CLAUSE:** no  
**INTRODUCED:** 12/18/2012  
**ENACTED:** 09/09/2013  
**DISPOSITION:** Enacted  
**LOCATION:** Chaptered  
**CHAPTER:** 258  
**SUMMARY:** Amends the Subletting and Subcontracting Fair Practices Act that requires the entity taking bids for the construction of any public work or improvement to specify certain information regarding each subcontractor who will perform work or labor or render service to the prime contractor in or about the work or improvement. Requires that the state contractor license number of each subcontractor also be provided.  
**STATUS:** 09/09/2013 Signed by GOVERNOR.  
09/09/2013 Chaptered by Secretary of State. Chapter No. 258

### CA AB 52

**LAST AMEND:** 07/02/2014  
**DISPOSITION:** Pending  
**FILE:**  
**LOCATION:** Senate Appropriations Committee  
**SUMMARY:** Amends the California Environmental Quality Act. Specifies a project that may cause substantial adverse change in a tribal cultural resource is a project that may have an environmental effect. Requires the lead agency to begin consultation with Native American tribe traditionally and culturally connected with the project's geographic area. Specifies examples of mitigation measures that may be considered to avoid or minimize impacts on resources. Requires providing tribes with lead agencies in their area.  
**STATUS:** 08/04/2014 In SENATE Committee on APPROPRIATIONS: To Suspending File.
CA AB 69

Author: Perea [D]
Title: Global Warming Solutions: Market-Based Compliance
Fiscal Committee: yes
Urgency Clause: yes
Introduced: 01/10/2013
Last Amend: 07/02/2014
Disposition: Pending
Location: Senate Rules Committee

Summary:
Amends the Global Warming Solutions Act of 2006. Exempts categories of persons or entities that did not have a compliance obligation under the market-based compliance mechanism to achieve greenhouse gas reduction reductions, from being subject to that compliance mechanism for a specified time period. Requires all participating categories of persons or entities to have a compliance obligations beginning on a specified date.

Status:
07/03/2014 Withdrawn from SENATE Committee on AGRICULTURE.
07/03/2014 Re-referred to SENATE Committee on RULES.

CA AB 71

Author: Perez V [D]
Title: Salton Sea Restoration
Fiscal Committee: no
Urgency Clause: no
Introduced: 01/10/2013
Enacted: 09/28/2013
Disposition: Enacted
Location: Chaptered
Chapter: 402

Summary:
Requires the Secretary of the Natural Resources Agency to lead Salton Sea restoration efforts. Authorizes the Salton Sea Authority to lead a restoration funding and feasibility study. Requires the Secretary to seek input from the Authority with regard to Salton Sea restoration components.

Status:
09/28/2013 Chaptered by Secretary of State. Chapter No. 402
Notes: SDCWA Position: Support (5-23-13)

CA AB 72

Author: Holden [D]
Title: Municipal Water District: Board of Directors
Fiscal Committee: no
Urgency Clause: no
Introduced: 01/10/2013
Enacted: 06/17/2013
Disposition: Enacted
Location: Chaptered
Chapter: 8

Summary:
Requires the directors of a municipal water district, except directors elected at a district formation election, to take office on the first Friday in December succeeding their election.

Status:
06/17/2013 Signed by GOVERNOR.
CA AB 115

06/17/2013 Chaptered by Secretary of State. Chapter No. 8

AUTHOR: Perea [D]
TITLE: Safe Drinking Water State Revolving Fund
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 01/14/2013
ENACTED: 10/08/2013
DISPOSITION: Enacted
LOCATION: Chaptered
CHAPTER: 630

SUMMARY: Relates to the state Safe Drinking Water Act. Authorizes a legal entity to apply for grant funding on behalf of one or more public water systems serving disadvantaged or severely disadvantaged communities if specified requirements are met, including having a signed agreement with each public water system for which it is applying for funding. Provides for transferring the statutory and regulatory authority for the California Safe Drinking Water Act from the Department of Public Health.

STATUS: 10/08/2013 Signed by GOVERNOR.
10/08/2013 Chaptered by Secretary of State. Chapter No. 630
NOTES: SDCWA Position: Support (3-28-2013)

CA AB 118

AUTHOR: Env Safety & Toxic Material Cmt
TITLE: Safe Drinking Water State Revolving Fund
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 01/14/2013
ENACTED: 10/08/2013
DISPOSITION: Enacted
LOCATION: Chaptered
CHAPTER: 631

SUMMARY: Limits loans and grants from the Safe Drinking Water State Revolving Fund for planning and preliminary engineering studies, project design, and construction costs to those incurred by community and not-for-profit public water systems. Specifies that certain water systems have no ability to repay a loan. Authorizes a loan applicant to receive up to the full cost of a project in the form of a loan, subject to specified conditions.

STATUS: 10/08/2013 Signed by GOVERNOR.
10/08/2013 Chaptered by Secretary of State. Chapter No. 631

CA AB 119

AUTHOR: Env Safety & Toxic Material Cmt
TITLE: Water Treatment Devices
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 01/14/2013
ENACTED: 09/28/2013
DISPOSITION: Enacted
LOCATION: Chaptered
CHAPTER: 403

SUMMARY:
SUMMARY:
Revises the criteria and procedure for certification of water treatment devices for which a health and safety claim is made. Requires each manufacturer that offers for sale a water treatment device for which it makes such a claim to submit certain information, including the manufacturer's contact information, product identification information, and the specific contaminant claimed to be removed or reduced by the device. Requires a regulatory fee. Relates to labeling. Requires posting on a certain Web site.

STATUS:
09/28/2013 Chaptered by Secretary of State. Chapter No. 403

CA AB 142
AUTHOR: Water, Parks and Wildlife Cmt
TITLE: Water Resources: Infrastructure
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 01/17/2013
LAST AMEND: 05/06/2013
DISPOSITION: Failed
LOCATION: ASSEMBLY
SUMMARY:
Requires the Department of Water Resources to initiate and complete a comprehensive study of state and local water supply infrastructure needs and to provide a report to the Legislature that summarizes those findings.

STATUS:
01/31/2014 Died pursuant to Art. IV, Sec. 10(c) of the Constitution.
02/03/2014 From Committee: Filed with the Chief Clerk pursuant to JR 56.

CA AB 145
AUTHOR: Perea [D]
TITLE: State Water Resources Control Board: Drinking Water
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 01/18/2013
LAST AMEND: 06/18/2013
DISPOSITION: Pending
LOCATION: Senate Appropriations Committee
SUMMARY:
Transfers to the State Water Resources Control Board the various duties and responsibilities imposed on the State Department of Public Health by the State Safe Drinking Water Act and the Safe Drinking Water State Revolving Fund Law of 1997. Requires the State Environmental Protection Agency to prepare a project initiation document for the transfer of the state drinking water program from the State Department of Public Health to a Division of Drinking Water Quality.

STATUS:
08/30/2013 In SENATE Committee on APPROPRIATIONS: Held in committee.

NOTES:
SDCWA Position: Oppose unless amended (3-28-2013)

CA AB 147
AUTHOR: Perez V [D]
TITLE: Economic Development Projects
FISCAL COMMITTEE: yes
URGENCY CLAUSE: yes
**CA AB 148**

**AUTHOR:** Perez V [D]

**TITLE:** Salton Sea Restoration

**FISCAL COMMITTEE:** yes

**URGENCY CLAUSE:** no

**INTRODUCED:** 01/18/2013

**ENACTED:** 07/16/2014

**DISPOSITION:** Enacted

**LOCATION:** Chaptered

**CHAPTER:** 124

**SUMMARY:**

Amends existing law that requires the Secretary of the Natural Resources Agency, in consultation and coordination with the Salton Sea Authority, to lead Salton Sea restoration efforts. Eliminates the requirement that the Secretary and the Legislature have final approval for any proposed restoration plan. Authorizes the Authority to lead a feasibility study. Prohibits a study or other activity from delaying the planning and implementation of ongoing and planned restoration projects.

**STATUS:**

07/16/2014 Signed by GOVERNOR.

07/16/2014 Chaptered by Secretary of State. Chapter No. 124

**CA AB 153**

**AUTHOR:** Bonilla [D]

**TITLE:** Global Warming Solutions Act of 2006: Offsets

**FISCAL COMMITTEE:** yes

**URGENCY CLAUSE:** no

**INTRODUCED:** 01/18/2013

**LAST AMEND:** 04/08/2013

**DISPOSITION:** Failed

**LOCATION:** ASSEMBLY

**SUMMARY:**

Amends the Global Warming Solutions Act of 2006. Requires the State Air Resources Board to adopt a specified process for the review and consideration of new offset protocols for reducing greenhouse gases and, commencing in 2014 and continuing thereafter, use that process to review and consider new
offset protocols. Requires the board to adopt guidelines and incentives that prioritize the approval of specified offset protocols. Requires the board to submit a specified annual report to the Legislature.

**STATUS:**
01/31/2014 Died pursuant to Art. IV, Sec. 10(c) of the Constitution.
02/03/2014 From Committee: Filed with the Chief Clerk pursuant to JR 56.

**CA AB 160**

**AUTHOR:** Alejo [D]
**TITLE:** Public Employees' Pension Reform Act: Exceptions
**FISCAL COMMITTEE:** yes
**URGENCY CLAUSE:** yes
**INTRODUCED:** 01/22/2013
**LAST AMEND:** 05/28/2013
**DISPOSITION:** Failed
**LOCATION:** ASSEMBLY

Except from the Public Employees' Pension Reform Act of 2013 certain multiemployer plans authorized under federal law and retirement plans for public employees whose collective bargaining rights are protected by a specified provision of federal law if a federal agency determines a conflict with federal law. Excludes from the definition of a supplemental defined benefit plan for purposes of a prohibition in the Act, a multiemployer plan, pursuant to a collective bargaining or similar agreement.

**STATUS:**
01/31/2014 Died pursuant to Art. IV, Sec. 10(c) of the Constitution.
02/03/2014 From Committee: Filed with the Chief Clerk pursuant to JR 56.

**CA AB 162**

**AUTHOR:** Holden [D]
**TITLE:** Telecommunications: 911 Emergency Assistance
**FISCAL COMMITTEE:** yes
**URGENCY CLAUSE:** no
**INTRODUCED:** 01/23/2013
**LAST AMEND:** 05/09/2013
**DISPOSITION:** Failed
**LOCATION:** ASSEMBLY

Makes legislative findings and declaration relating to the criticalness of maintaining signal strength and call reliability for 911 calls from cellular telephones. States the intent of the Legislature to subsequently amend this legislation to include provisions that would increase network capacity on existing wireless structures in order to serve the needs of safety personnel and the public of the state.

**STATUS:**
01/31/2014 Died pursuant to Art. IV, Sec. 10(c) of the Constitution.
02/03/2014 From Committee: Filed with the Chief Clerk pursuant to JR 56.

**CA AB 164**

**AUTHOR:** Wieckowski [D]
**TITLE:** Infrastructure Financing
**FISCAL COMMITTEE:** no
**URGENCY CLAUSE:** no
Requires a lease agreement between a governmental agency undertaking an infrastructure project and a private entity to include performance bonds as security to ensure the completion of the construction of the facility and payment bonds to secure the payment of claims of laborers, mechanics, and materials suppliers employed on the work under contract.

Provides the time frame for destruction of an audio or video recording of an open and public meeting. Requires a local agency that collects a franchise fee from a state franchise holder that provides public, educational, and government access channels to televise the open and public meetings of its legislative body and planning commission, unless such is a financial hardship, then meetings would be broadcast via an audio-visual medium. Authorizes the use of franchise fees to implement such televising.

Amends the Ralph M. Brown Act. Requires the agenda for a regular meeting to provide an opportunity for members of the public to directly address the legislative body on any item of interest to the public before and during the legislative body's consideration of the item. Prohibits a reduction in the time allocated for public testimony based on the time used for the questioning or interruption of a speaker by the legislative body or its offers or employees, and the speaker's response to same.
CA AB 218  
**STATUS:**  
07/01/2014 In SENATE. Read second time and amended. To third reading.

**CA AB 218**  
**AUTHOR:** Dickinson [D]  
**TITLE:** Employment Applications: Criminal History  
**FISCAL COMMITTEE:** no  
**URGENCY CLAUSE:** no  
**INTRODUCED:** 02/04/2013  
**ENACTED:** 10/10/2013  
**DISPOSITION:** Enacted  
**LOCATION:** Chaptered  
**CHAPTER:** 699

**SUMMARY:**
Prohibits a state or local agency from asking an applicant for employment to disclose information regarding a criminal conviction until the agency has determined the applicant meets the minimum employment qualifications for the position. Includes specified findings and declarations of the Legislature in support of this policy.

**STATUS:**  
10/10/2013 Signed by GOVERNOR.  
10/10/2013 Chaptered by Secretary of State. Chapter No. 699

CA AB 229  
**AUTHOR:** Perez J [D]  
**TITLE:** Infrastructure and Revitalization Financing Districts  
**FISCAL COMMITTEE:** yes  
**URGENCY CLAUSE:** no  
**INTRODUCED:** 02/04/2013  
**LAST AMEND:** 08/12/2013  
**DISPOSITION:** Pending  
**FILE:** A-4  
**LOCATION:** Assembly Inactive File

**SUMMARY:**
Authorizes the creation by a city, county, city and county, and joint powers authority, of an infrastructure and revitalization financing district and the issuance of debt with voter approval. Authorizes the creation of a district and the issuance of debt. Authorizes a district to finance projects in redevelopment project areas and former redevelopment project areas and former military bases.

**STATUS:**  
09/11/2013 In ASSEMBLY. From Unfinished Business. To Inactive File.

CA AB 240  
**AUTHOR:** Rendon [D]  
**TITLE:** Mutual Water Companies  
**FISCAL COMMITTEE:** yes  
**URGENCY CLAUSE:** no  
**INTRODUCED:** 02/05/2013  
**ENACTED:** 10/08/2013  
**DISPOSITION:** Enacted  
**LOCATION:** Chaptered  
**CHAPTER:** 633

**SUMMARY:**
Relates to mutual water company board member training. Permits the board to
record a notice of lien against a shareholder's property if the shareholder has not timely paid any rate, charge, or assessment arising from, or related to, water services provided by the company. Enacts the Mutual Water Company Open Meeting Act. Requires budget adoption in an open meeting. Relates to mutual water company auditing contracts. Authorizes funding for certain entities for water quality projects for the City of Maywood.

STATUS:
10/08/2013 Signed by GOVERNOR.
10/08/2013 Chaptered by Secretary of State. Chapter No. 633

CA AB 246

AUTHOR: Bradford [D]
TITLE: Local Government: Open Meetings
FISCAL COMMITTEE: no
URGENCY CLAUSE: no
INTRODUCED: 02/06/2013
ENACTED: 06/24/2013
DISPOSITION: Enacted
LOCATION: Chaptered
CHAPTER: 11
SUMMARY: Authorizes, under the Ralph M. Brown Act, the legislative body of a local agency to hold closed sessions with the Governor, with regards to matters that pose a threat to the security of public buildings, a threat to the security of essential public services, or a threat to the public's right of access to public services or public facilities. Makes various other technical nonsubstantive changes to the Ralph M. Brown Act.

STATUS:
06/24/2013 Signed by GOVERNOR.
06/24/2013 Chaptered by Secretary of State. Chapter No. 11

CA AB 262

AUTHOR: Waldron [R]
TITLE: Local Government: Organization
FISCAL COMMITTEE: no
URGENCY CLAUSE: no
INTRODUCED: 02/07/2013
ENACTED: 06/24/2013
DISPOSITION: Failed
LOCATION: ASSEMBLY
SUMMARY: Makes technical, nonsubstantive changes to the Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000 that governs the procedures for the formation, change of organization, and reorganization of cities and special districts.

STATUS:
02/03/2014 Died at Desk.

CA AB 279

AUTHOR: Dickinson [D]
TITLE: Financial Affairs
FISCAL COMMITTEE: no
URGENCY CLAUSE: no
INTRODUCED: 02/11/2013
ENACTED: 09/06/2013
DISPOSITION: Enacted
LOCATION: Chaptered
Amends existing law that prescribes the instruments in and criteria by which a local agency may invest and deposit its funds, including its surplus funds and authorizes such agency to invest in specified certificates of deposit. Removes the term certificates of deposit. Authorizes such agency to invest in specified deposits. Limits the amount of its funds that an agency may place with any one private sector entity or with one or more commercial banks, savings banks, savings and loans, or credit unions.

STATUS:
09/06/2013 Signed by GOVERNOR.
09/06/2013 Chaptered by Secretary of State. Chapter No. 228

CA AB 295
AUTHOR: Water, Parks and Wildlife Cmt
TITLE: Water: Water Supply: Infrastructure
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/11/2013
LAST AMEND: 05/06/2013
DISPOSITION: Failed
LOCATION: ASSEMBLY
SUMMARY: Requires the State Water Resources Control Board and the Drinking Water and Environmental Management Division of the State Department of Public Health to initiate and complete a comprehensive study relating to the need for state funding for water projects and to provide a report to the Legislature summarizing those findings.

STATUS:
01/31/2014 Died pursuant to Art. IV, Sec. 10(c) of the Constitution.
02/03/2014 From Committee: Filed with the Chief Clerk pursuant to JR 56.

CA AB 378
AUTHOR: Hueso [D]
TITLE: Resources: Delta Research
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/14/2013
DISPOSITION: Failed
LOCATION: ASSEMBLY
SUMMARY: Requires a person conducting Delta research whose research is funded, in whole or in part, by the state, to take specified actions with regard to the sharing of the primary data, samples, physical collections, and other supporting materials created or gathered in the course of that research. Authorizes the Delta Independent Science Board to adopt guidelines to provide adjustments to, and, where essential, exceptions from, these requirements.

STATUS:
01/31/2014 Died pursuant to Art. IV, Sec. 10(c) of the Constitution.
02/03/2014 From Committee: Filed with the Chief Clerk pursuant to JR 56.

CA AB 380
AUTHOR: Dickinson [D]
TITLE: Spill Response For Railroads
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/14/2013
LAST AMEND: 08/04/2014
DISPOSITION: Pending
LOCATION: Senate Second Reading File

SUMMARY:
Requires a rail carrier to report specified information regarding the transportation of hazardous materials to the Office of Emergency Services. Requires each rail carrier to maintain a response management communications center. Requires each rail carrier to provide the office with a summary of the rail carrier's hazardous materials emergency response plan. Requires the office to provide a copy of each summary report to each unified program agency.

STATUS:
08/11/2014 From SENATE Committee on APPROPRIATIONS: Do pass as amended. (6-1)
NOTES:
SDCWA Position: Oppose unless amended (4-25-13)

CA AB 407

AUTHOR: Perez V [D]
TITLE: Renewable Energy Resources: Salton Sea
SUMMARY:
Requires the State Energy Resources Conservation and Development Commission, in consultation with the Public Utilities Commission and the Independent System Operator, to convene a stakeholders group to identify impediments and recommended steps that should be taken to properly maintain, develop, integrate and transmit electricity generated by eligible renewable energy resources located in and around the Salton Sea Known Geothermal Resource Area and the Geysers Geothermal Field.

STATUS:
03/06/2014 Re-referred to SENATE Committee on ENERGY, UTILITIES AND COMMUNICATIONS.

Commentary:
SDCWA Position: Support (4-24-14)

CA AB 409

AUTHOR: Quirk-Silva [D]
TITLE: Political Reform Act: Statements: Online Filing
SUMMARY:
Authorizes the Fair Political Practices Commission to develop and operate an online system for filing statements of economic interests meeting specified requirements. Provides that with certain exceptions, filers would be authorized
CA AB 416

AUTHOR: Gordon [D]

TITLE: Local Emission Reduction Program

FISCAL COMMITTEE: yes

URGENCY CLAUSE: no

INTRODUCED: 02/15/2013

LAST AMEND: 04/04/2013

DISPOSITION: Failed

LOCATION: ASSEMBLY

SUMMARY:

Creates the Local Emission Reduction Program and requires money to be available from the general fund for providing grants and other financial assistance to develop and implement greenhouse gas emissions reduction projects in the state, giving consideration to the ability of a project to create local job training and job creation benefits and achieve greenhouse gas emissions reduction. Provides the public entities that will be required to administer the program.

STATUS:

01/31/2014 Died pursuant to Art. IV, Sec. 10(c) of the Constitution.

02/03/2014 From Committee: Filed with the Chief Clerk pursuant to JR 56.

CA AB 426

AUTHOR: Salas [D]

TITLE: Water Transfers: Water Rights Decrees

FISCAL COMMITTEE: yes

URGENCY CLAUSE: no

INTRODUCED: 02/15/2013

ENACTED: 10/08/2013

DISPOSITION: Enacted

LOCATION: Chaptered

CHAPTER: 634

SUMMARY:

Amends existing law that provides that any water right determined under a court decree issued after a specified date, is transferable. Eliminates the requirement that a court decree be issued after a specified date.

STATUS:

10/08/2013 Signed by GOVERNOR.

10/08/2013 Chaptered by Secretary of State. Chapter No. 634

CA AB 515

AUTHOR: Dickinson [D]

TITLE: State Environmental Quality Act: Writ of Mandate

FISCAL COMMITTEE: yes

URGENCY CLAUSE: no

INTRODUCED: 02/20/2013

LAST AMEND: 06/05/2014

DISPOSITION: Pending

LOCATION: Senate Environmental Quality Committee

SUMMARY:

Amends the State Environmental Quality Act that requires a court, if it finds that...
a public agency has violated the requirements of the Act, to issue an order, in the form of a peremptory writ of mandate. Authorizes the court to require the public agency to prepare and file an initial return of the writ and to issue a determination if the actions taken are adequate to comply with the peremptory writ of mandate within a specified time period of the filing of the return.

STATUS:
06/05/2014 From SENATE Committee on ENVIRONMENTAL QUALITY with author's amendments.
06/05/2014 In SENATE. Read second time and amended. Re-referred to Committee on ENVIRONMENTAL QUALITY.

CA AB 519

AUTHOR: Logue [R]

TITLE: Unfair Competition

FISCAL COMMITTEE: no

URGENCY CLAUSE: no

INTRODUCED: 02/20/2013

LAST AMEND: 03/19/2013

DISPOSITION: Failed

LOCATION: ASSEMBLY

SUMMARY:
Relates to unfair competition. Requires the court, prior to the imposition of any civil penalty, to consider all factors in mitigation of both the imposition and amount of any civil penalty.

STATUS:
01/31/2014 Died pursuant to Art. IV, Sec. 10(c) of the Constitution.
02/03/2014 From Committee: Filed with the Chief Clerk pursuant to JR 56.

CA AB 527

AUTHOR: Gaines B [R]

TITLE: Global Warming Solutions: Western Climate Initiative

FISCAL COMMITTEE: yes

URGENCY CLAUSE: no

INTRODUCED: 02/20/2013

VETOED: 09/28/2013

DISPOSITION: Vetoed

LOCATION: Vetoed

SUMMARY:
Amends existing law that exempts the Western Climate Initiative, Incorporated, and its appointees from the Bagley-Keene Open Meetings Act when performing their duties. Repeals that exemption.

STATUS:
09/28/2013 Vetoed by GOVERNOR.

CA AB 536

AUTHOR: Wagner [R]

TITLE: Contractors: Payments

FISCAL COMMITTEE: no

URGENCY CLAUSE: no

INTRODUCED: 02/20/2013

LAST AMEND: 01/06/2014

DISPOSITION: Failed

LOCATION: ASSEMBLY

SUMMARY:
Amends existing law that allows specified persons to withhold from a contractor
or subcontractor no more than a specified percentage of any disputed amount if there is a good faith dispute over the amount due on a contract payment. Excludes the amount of specified claims from being considered disputed amounts.

STATUS:
01/31/2014 Died pursuant to Art. IV, Sec. 10(c) of the Constitution.
02/03/2014 From Committee: Filed with the Chief Clerk pursuant to JR 56.

**CA AB 537**

**AUTHOR:** Bonta [D]

**TITLE:** Meyers-Mlias-Brown Act: Impasse Procedures

**URGENCY CLAUSE:** no

**INTRODUCED:** 02/20/2013

**ENACTED:** 10/13/2013

**DISPOSITION:** Enacted

**LOCATION:** Chaptered

**CHAPTER:** 785

**SUMMARY:**

Amends existing law requiring the governing body of a local public agency to meet and confer in good faith regarding wages, hours, and other terms and conditions of employment with representatives of a recognized employee organization. Requires that, if a certain tentative agreement is reached by parties, the governing body shall vote to accept or reject that agreement within a specified time period. Provides that a charge for failure to meet and confer in good faith shall not be barred in certain cases.

**STATUS:**
10/13/2013 Chaptered by Secretary of State. Chapter No. 785

**CA AB 543**

**AUTHOR:** Campos [D]

**TITLE:** California Environmental Quality Act: Translation

**URGENCY CLAUSE:** yes

**INTRODUCED:** 02/20/2013

**LAST AMEND:** 06/24/2014

**DISPOSITION:** Pending

**COMMITTEE:** Senate Appropriations Committee

**HEARING:** 08/14/2014

**SUMMARY:**

Requires Office of Planning and Research to prepare and develop recommended amendments to the California Environmental Quality Act and the Secretary of the Natural Resources Agency to certify and adopt those amendments to the guidelines to establish criteria for a lead agency to assess the need for translating those notice into non-English languages.

**STATUS:**
08/04/2014 In SENATE Committee on APPROPRIATIONS: To Suspense File.

**Commentary:**

SDCWA Position: Neutral (original position of "Oppose" adopted by the Board 25-Apr-13 has been removed; bill has been amended to address the Water Authority's concerns)

**CA AB 550**

**AUTHOR:** Brown [D]
Requires the head of a state agency to ensure a state contracting program is administered in a manner that promotes small business participation. Requires the head of the agency to annually review small business participation levels and to develop a plan for increasing small business participation levels when levels are low. Requires the Department of General Services and the Office of the Small Business Advocate to serve as a resource to assist the heads of agencies identify contracting best practices.

STATUS:
01/31/2014 Died pursuant to Art. IV, Sec. 10(c) of the Constitution.
02/03/2014 From Committee: Filed with the Chief Clerk pursuant to JR 56.

CA AB 562

AUTHOR: Williams [D]

TITLE: Economic Development Subsidies: Local Agency Review

FISCAL COMMITTEE: no
URGENCY CLAUSE: no
INTRODUCED: 02/20/2013
ENACTED: 10/11/2013
DISPOSITION: Enacted
LOCATION: Chaptered
CHAPTER: 740

SUMMARY:
Relates to economic development activities by state and local agencies. Requires each defined local agency to provide information to the public before approving an economic development subsidy, and to hold hearings and report on those subsidies at specified intervals.

STATUS:
10/11/2013 Signed by GOVERNOR.
10/11/2013 Chaptered by Secretary of State. Chapter No. 740

CA AB 613

AUTHOR: Hueso [D]

TITLE: Water Reclamation

FISCAL COMMITTEE: no
URGENCY CLAUSE: no
INTRODUCED: 02/20/2013
DISPOSITION: Failed
LOCATION: ASSEMBLY

SUMMARY:
Makes technical, nonsubstantive changes to a provision of the Water Recycling Law that provides that a person recycling water or using recycled water in violation of specific provisions is guilty of a misdemeanor.

STATUS:
02/03/2014 Died at Desk.

NOTES: SDCWA Position: Sponsor (bill is now SB 322; author moved from Assembly to Senate)
CA AB 616

**AUTHOR:** Bocanegra [D]

**TITLE:** Local Public Employee Organizations: Dispute: Panels

**FISCAL COMMITTEE:** yes

**URGENCY CLAUSE:** no

**INTRODUCED:** 02/20/2013

**LAST AMEND:** 06/17/2013

**DISPOSITION:** Pending

**LOCATION:** Senate Appropriations Committee

**SUMMARY:**
Relates to local public employee organizations. Requires an organization request for submit a dispute to a factfinding panel to be in writing. Provides if either party disputes that a genuine impasse has been reached, the issue of whether the impasse exists may be submitted to the Public Employees Relations Board for resolution before the dispute is submitted to a factfinding panel. Authorizes each party to select a person to serve as its member of the factfinding panels.

**STATUS:**
08/30/2013 In SENATE Committee on APPROPRIATIONS: Held in committee.

CA AB 621

**AUTHOR:** Wagner [R]

**TITLE:** Local Government: Bonds

**FISCAL COMMITTEE:** no

**URGENCY CLAUSE:** no

**INTRODUCED:** 02/20/2013

**LAST AMEND:** 02/24/2014

**DISPOSITION:** Failed

**LOCATION:** ASSEMBLY

**SUMMARY:**
Relates to local government bonds and investment firms. Prohibits a local agency from entering into a financial advisory, legal advisory, underwriting, or similar relationship with an individual or firm that provides or will provide bond campaign services to the bond campaign. Provides an exemption from that prohibition. Prohibits such a relationship with respect to the new issue of bonds requiring voter approval on or after a specified date. Defines certain terms for those purposes.

**STATUS:**
06/25/2014 In SENATE Committee on GOVERNANCE AND FINANCE: Not heard.

06/25/2014 From SENATE Committee on GOVERNANCE AND FINANCE without further action pursuant to JR 62(a).

CA AB 649

**AUTHOR:** Nazarian [D]

**TITLE:** Oil and Gas: Hydraulic Fracturing

**FISCAL COMMITTEE:** yes

**URGENCY CLAUSE:** no

**INTRODUCED:** 02/21/2013

**LAST AMEND:** 05/08/2013

**DISPOSITION:** Failed

**LOCATION:** ASSEMBLY

**SUMMARY:**
Prohibits hydraulic fracturing, as well as the use of clean freshwater for purposes of hydraulic fracturing, on any oil or gas well, if the well is located...
within a specified distance of a home, public building, school, surface waters, underground source of drinking water, or any sensitive human or environmental resource from an aquifer, until the completion of a report and a determination that hydraulic fracturing can be conducted without a risk to the public health, welfare, environment, or the economy.

STATUS:
01/31/2014 Died pursuant to Art. IV, Sec. 10(c) of the Constitution.
02/03/2014 From Committee: Filed with the Chief Clerk pursuant to JR 56.

CA AB 669

AUTHOR: Stone [D]
TITLE: Oil and Gas: Drilling
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/21/2013
LAST AMEND: 05/24/2013
DISPOSITION: Failed
LOCATION: ASSEMBLY
SUMMARY: Requires an oil or gas well operator prior to drilling to submit proof that the Regional Water Quality Control Board has approved the wastewater disposal for the well. Requires the State Oil and Gas Supervisor to include information on the origin and total amount of freshwater used in each county for the production of oil and gas production, the disposal of wastewater and well casing failures. Requires well operators to provide a copy of the hydraulic fracturing treatment permit to surface property owners.

STATUS:
02/03/2014 Died on Inactive File.

CA AB 687

AUTHOR: Hernandez R [D]
TITLE: Electricity
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/21/2013
LAST AMEND: 02/04/2014
DISPOSITION: Pending
LOCATION: Senate Appropriations Committee
SUMMARY: Requires the Public Utilities Commission, when authorizing additional direct transactions for retail nonresidential end-use customers, to provide the highest priority to acquire electric services from other providers to entities treating and remediating groundwater that is identified as contaminated on a site listed as a Superfund site in a disadvantaged or severely disadvantaged community or a public drinking water system of such communities. Requires the treatment and remediation using certain moneys.

STATUS:
02/04/2014 From SENATE Committee on APPROPRIATIONS with author's amendments.
02/04/2014 In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.

CA AB 696

AUTHOR: Mansoor [R]
TITLE: Public Employment: Pensions
Makes technical, nonsubstantive changes to provisions of the Public Employee's Pensions Reform Act of 2013, which provides that the Judges' Retirement System I and the Judges' Retirement System II are not required to adopt the defined benefit formula contained in certain other provisions.

STATUS:
02/03/2014 Died at Desk.

CA AB 709

Author: Nestande [R]
Title: Salton Sea Authority: Restoration Plan
Fiscal Committee: yes
Urgency Clause: no
Introduced: 02/21/2013
Last Amend: 04/11/2013
Disposition: Failed
Location: ASSEMBLY

Requires the Salton Sea Authority develop and submit a restoration plan to the Legislative Analyst for review. Requires the Analyst to complete its review by a specified date, and if the Analyst determines that the plan is financially feasible and that the authority is capable of implementing the plan, the bill would appropriate from the Salton Sea Restoration Fund any moneys received under Proposition 84 to the authority to implement the plan. Designates the authority as the lead agency for restoration.

STATUS:
01/31/2014 Died pursuant to Art. IV, Sec. 10(c) of the Constitution.
02/03/2014 From Committee: Filed with the Chief Clerk pursuant to JR 56.

CA AB 729

Author: Hernandez R [D]
Title: Evidentiary Privileges: Union Agent-Represented Worker
Fiscal Committee: no
Urgency Clause: no
Introduced: 02/21/2013
Vetoed: 10/11/2013
Disposition: Vetoed
Location: Vetoed

Provides a union agent and a represented employee or represented former employee have a privilege to refuse to disclose any confidential communication between the employee or former employee and the agent while the agent was acting in his or her representative capacity. Provides an exception. Provides the represented employee and the represented former employee also have a privilege to prevent another person from disclosure. Provides for a waiver. Exempts the privilege from criminal proceedings.

STATUS:
10/11/2013 Vetoed by GOVERNOR.
Amends existing law that authorizes the State Department of Transportation and regional transportation agencies to enter into comprehensive development lease agreements with public and private entities, or consortia of those entities, for certain transportation projects that may charge certain users tolls and user fees and calls those arrangements public-private partnerships. States the intent of the Legislature for a project developed under these provisions to have specified characteristics.

STATUS:
01/31/2014 Died pursuant to Art. IV, Sec. 10(c) of the Constitution.
02/03/2014 From Committee: Filed with the Chief Clerk pursuant to JR 56.

Applies the provisions of the California Environmental Quality Act and the Jobs and Economic Improvement Through Environmental Leadership Act of 2011 to a public works project, defined to mean an infrastructure project carried out by the city, county, special district, or state government or contracted out to a private entity by the special district or local or state government.

STATUS:
01/31/2014 Died pursuant to Art. IV, Sec. 10(c) of the Constitution.
02/03/2014 From Committee: Filed with the Chief Clerk pursuant to JR 56.

Revises the definition of an eligible renewable energy resource for the purposes of the Renewables Portfolio Standard Program to include a hydroelectric generation facility of any size if it meets certain requirements.

STATUS:
01/31/2014 Died pursuant to Art. IV, Sec. 10(c) of the Constitution.
CA AB 763

Buchanan [D]

Aquatic Invasive Plants: Control and Eradication

yes

02/21/2013

09/23/2013

Chaptered

330

Designates the Division of Boating and Waterways as the lead agency of the state for the purpose of cooperating with other state, local, and federal agencies in identifying, detecting, controlling, and administering programs to manage invasive aquatic plants in the Sacramento-San Joaquin Delta, its tributaries, and the Suisun Marsh. Provides required actions by specified agencies regarding aquatic plants. Requires risk assessment to specify if the aquatic plant is considered to be invasive.

CA AB 769

Skinner [D]

Sales and Use Taxes: Exemption: Clothes Washers

yes

02/21/2013

05/14/2014

Pending

Summarizes:

Exempts from the sales and use tax laws the gross receipts and the sales price that do not exceed a specified amount from the sale of, and the storage, use, or other consumption of, a qualified efficient clothes washer purchased for installation and use in the State.

CA AB 792

Mullin [D]

Utility User Tax: Exemption: Distributed Generation

no

02/21/2013

Summarizes:

SDCWA Position: Support (3-28-2013)

SDCWA Position: Support (3-28-2013)

SDCWA Position: Support (6-26-14)
Exempts from any utility user tax imposed by a local jurisdiction, the consumption of electricity generated by a clean energy resource for the use of a single customer or customer's tenants.

Establishes the San Joaquin Valley Groundwater Conservancy to undertake various activities related to the San Joaquin Valley. Prescribes the management, powers, and duties of the conservancy. Creates a related fund to be used for the purposes of the conservancy.

Creates the Water Recycling Act of 2013. Authorizes compliance with effluent limitations and any other permit or waste discharge requirements for the release or discharge of advanced treated purified water that meets certain conditions. Requires certain notification prior to any discharge being allowed. Requires a cemetery supplied with disinfected tertiary recycled treated water that installs a hose bib in a public access area to post visible signage and labeling indicating that the water is nonpotable.
Requires whenever a local ordinance or measure qualifies for the ballot proposing to alter, replace, or eliminate the retirement benefit plan of local entity employees, the governing body secure the services of an independent actuary for a statement or a summary of the statement of the impact of the measure upon costs of the retirement plan and to place the statement in the sample ballot. Requires a notice about obtaining a copy of the measure to be on the sample ballot. Applies to specified entities.

STATUS:  
10/12/2013  Vetoed by GOVERNOR.

CA AB 823

AUTHOR:  Eggman [D]  
TITLE:  Environment: State Farmland Protection Act
FISCAL COMMITTEE:  yes  
URGENCY CLAUSE:  no  
INTRODUCED:  02/21/2013  
LAST AMEND:  04/23/2013  
DISPOSITION:  Failed  
LOCATION:  ASSEMBLY  
SUMMARY:  
Enacts the Farmland Protection Act. Requires that a lead agency reviewing a development project require that all feasible mitigation of the identified significant environmental impacts associated with the conversion of agricultural lands be completed by the project applicant and to consider the permanent protection or replacement of such land as feasible mitigation for identified significant effects on the land caused by the project.

STATUS:  
01/31/2014  Died pursuant to Art. IV, Sec. 10(c) of the Constitution.  
02/03/2014  From Committee: Filed with the Chief Clerk pursuant to JR 56.
NOTES:  
SDCWA Position: Oppose (4-25-13)

CA AB 850

AUTHOR:  Nazarian [D]  
TITLE:  Public Capital Facilities: Water Quality  
FISCAL COMMITTEE:  yes  
URGENCY CLAUSE:  no  
INTRODUCED:  02/21/2013  
ENACTED:  10/08/2013  
DISPOSITION:  Enacted  
LOCATION:  Chaptered  
CHAPTER:  636  
SUMMARY:  
Authorizes specified joint powers authorities, upon application of a local agency that owns and operates a publicly owned utility, to issue rate reduction bonds for a utility project. Provides the bonds are secured by utility project property. Authorizes a utility project charge to finance such bonds. Requires a bond review for issue qualification. Requires application fees for bond review cost
reimbursement. Requires the Pollution Control Financing Authority to establish procedures for expedited review.

STATUS:
10/08/2013 Signed by GOVERNOR.
10/08/2013 Chaptered by Secretary of State. Chapter No. 636

CA AB 931

AUTHOR: Gaines B [R]
TITLE: Public Employee Retirement: Health Benefits
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/22/2013
LAST AMEND: 03/21/2013
DISPOSITION: Failed
LOCATION: ASSEMBLY
SUMMARY: Relates to the Board of Administration of the Public Employees' Retirement System. Requires the board to establish a wellness program that provides financial incentives for participation. Requires the board to offer a high deductible health plan and a health savings account option to public employees and annuitants. Establish the Public Employees' Health Savings Fund for employees who elect the high deductible or health savings plan option.

STATUS:
01/31/2014 Died pursuant to Art. IV, Sec. 10(c) of the Constitution.
02/03/2014 From Committee: Filed with the Chief Clerk pursuant to JR 56.

CA AB 934

AUTHOR: Cooley [D]
TITLE: Local Agencies: Unclaimed Money
FISCAL COMMITTEE: no
URGENCY CLAUSE: no
INTRODUCED: 02/22/2013
ENACTED: 10/01/2013
DISPOSITION: Enacted
LOCATION: Chaptered
CHAPTER: 457
SUMMARY: Requires a local agency to document that it has made a reasonable effort to locate and notify the victim to whom restitution is owed if, at the expiration of a specified time period, the agency elects to use restitution funds for victim services.

STATUS:
10/01/2013 Signed by GOVERNOR.
10/01/2013 Chaptered by Secretary of State. Chapter No. 457

CA AB 941

AUTHOR: Rendon [D]
TITLE: Controller: Reports
FISCAL COMMITTEE: Controller: Reports
URGENCY CLAUSE: yes
INTRODUCED: 02/22/2013
LAST AMEND: 04/23/2013
DISPOSITION: Failed
LOCATION: ASSEMBLY
SUMMARY:
Amend existing law which requires the Controller to annually compile and publish reports of the financial transactions of each county, city and school district, or community redevelopment agency. Changes the definition of a special district subject to the reporting requirements of the Controller. Authorizes the Controller to perform certain audits or investigations. Raises certain forfeiture amounts for all local agencies. Doubles the fines for failure to submit a report for two consecutive years.

CA AB 953

| AUTHOR: | Ammiano [D] |
| TITLE: | California Environmental Quality Act |
| FISCAL COMMITTEE: | yes |
| URGENCY CLAUSE: | no |
| INTRODUCED: | 02/22/2013 |
| DISPOSITION: | Failed |
| LOCATION: | ASSEMBLY |

SUMMARY:
Amends the California Environmental Quality Act, which defines environment and significant effect on the environment for certain purposes. Revises those definitions. Requires a lead agency to include in an environmental assessment report, a detailed statement on any effects that may result in the locating a proposed project near natural hazards or adverse environmental conditions.

STATUS:
02/03/2014 Died on Inactive File.
NOTES:
SDCWA Position: Oppose (4-25-13)

CA AB 982

| AUTHOR: | Williams [D] |
| TITLE: | Oil and Gas: Hydraulic Fracturing |
| FISCAL COMMITTEE: | yes |
| URGENCY CLAUSE: | no |
| INTRODUCED: | 02/22/2013 |
| LAST AMEND: | 05/07/2013 |
| DISPOSITION: | Failed |
| LOCATION: | ASSEMBLY |

SUMMARY:
Defines hydraulic fracturing. Requires any notice of intent to drill, rework, or deepen a well where hydraulic fracturing will occur to include a groundwater monitoring plan for review and approval by the appropriate regional water quality control board, which would contain specific information relating to groundwater, water quality, and the monitoring of wells and water quality. Requires any notice of intent to provide information regarding the amount and source of the water used during such operations.

STATUS:
01/31/2014 Died pursuant to Art. IV, Sec. 10(c) of the Constitution.
02/03/2014 From Committee: Filed with the Chief Clerk pursuant to JR 56.

CA AB 1035

| AUTHOR: | Perez J [D] |
| TITLE: | Workers' Compensation: Firefighters/Peace Officers |
| FISCAL COMMITTEE: | no |
URGENCY CLAUSE: no
INTRODUCED: 02/22/2013
ENACTED: 05/13/2014
DISPOSITION: Enacted
LOCATION: Chaptered
CHAPTER: 15
SUMMARY:
Relates to workers' compensation and firefighters and peace officers. Extend the time period to commence proceedings to collect death benefits, if the proceedings are brought by, or on behalf of, a person who is a dependent on the date of death. Applies only to injuries causing death including cancer, tuberculosis, or a blood-borne infectious disease or certain skin infections. Prohibits the payment of death benefits under these provisions under specified circumstances.
STATUS:
05/13/2014 Signed by GOVERNOR.
05/13/2014 Chaptered by Secretary of State. Chapter No. 15
CA AB 1043
AUTHOR: Chau [D]
TITLE: Drinking Water, Quality, Flood, River Protection
URGENCY CLAUSE: yes
INTRODUCED: 02/22/2013
LAST AMEND: 05/19/2014
DISPOSITION: Pending
COMMITTEE: Senate Appropriations Committee
HEARING: 08/14/2014
SUMMARY:
Amends the Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006. Eliminates the requirement to develop and adopt regulations and requires that cost subsequently recovered from a party responsible for the contamination be repaid to the State Department of Public Health and deposited in the Groundwater Contamination Cleanup Project Fund which would be created in this bill. Provides the procedures to the issuance of related grants.
STATUS:
08/04/2014 In SENATE Committee on APPROPRIATIONS: To Suspense File.
CA AB 1078
AUTHOR: Quirk [D]
TITLE: Water: Water Recycling Technology
URGENCY CLAUSE: no
INTRODUCED: 02/22/2013
DISPOSITION: Failed
LOCATION: ASSEMBLY
SUMMARY:
States the intent of the Legislature to enact legislation to encourage the creation of new technologies to further the use of recycled water in the state.
STATUS:
02/03/2014 Died at Desk.
CA AB 1095
AUTHOR: Nestande [R]
TITLE: Junk Dealers and Recyclers: Nonferrous Materials
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/22/2013
LAST AMEND: 03/14/2013
DISPOSITION: Failed
LOCATION: ASSEMBLY
SUMMARY:
Requires a junk dealer or recycler of nonferrous materials to provide payment for the materials by check only. Provides the procedures for such payment. Provides an exception from the check only requirement for providing proof of ownership and for providing a statement from a contractor if the materials are from a home during construction. Provides a crime for false documentation by a contractor. Requires the dealer or recycler to maintain documentation.
STATUS:
01/31/2014 Died pursuant to Art. IV, Sec. 10(c) of the Constitution.
02/03/2014 From Committee: Filed with the Chief Clerk pursuant to JR 56.

CA AB 1096

AUTHOR: Nestande [R]
TITLE: Specialized License Plates: Salton Sea
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/22/2013
LAST AMEND: 05/23/2014
DISPOSITION: Pending
COMMITTEE: Senate Appropriations Committee
HEARING: 08/14/2014
SUMMARY:
Requires the Department of Fish and Wildlife to apply to the Department of Motor Vehicles to sponsor a special Salton Sea license plate program. Requires the Department of Motor Vehicles to issue the plates if the Department of Fish and Wildlife meets certain requirements. Requires revenue generated by the plate to be deposited in the Salton Sea Restoration Account.
STATUS:
08/04/2014 In SENATE Committee on APPROPRIATIONS: To Suspense File.
NOTES: SDCWA Position: Support (5-23-13)

CA AB 1140

AUTHOR: Daly [D]
TITLE: Public Works: Prevailing Wages
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/22/2013
VETOED: 10/13/2013
DISPOSITION: Vetoed
LOCATION: Vetoed
SUMMARY:
States that if the Director of Industrial Relations determines, within a semiannual period, that there is a change in any prevailing rate of per diem wages in a locality, that determination applies to any public works. Authorizes any contractor, awarding body, or representative affected by a change in rates to file with the director a verified petition to review the determination of that
rate. Requires the initiation of an investigation or hearing to make a final determination.

**STATUS:**
10/13/2013 Vetoed by GOVERNOR.

**CA AB 1149**

**AUTHOR:** Campos [D]
**TITLE:** Identity Theft: Local Agencies
**FISCAL COMMITTEE:** yes
**URGENCY CLAUSE:** no
**INTRODUCED:** 02/22/2013
**ENACTED:** 09/27/2013
**DISPOSITION:** Enacted
**LOCATION:** Chaptered
**CHAPTER:** 395

**SUMMARY:**
Relates to disclosure of any breach of an agency security to any resident whose unencrypted personal information was acquired by an unauthorized person. Expands disclosure requirements to apply to a breach of computerized data that is owned or licensed by a local agency.

**STATUS:**
09/27/2013 Signed by GOVERNOR.
09/27/2013 Chaptered by Secretary of State. Chapter No. 395

**CA AB 1156**

**AUTHOR:** Perez V [D]
**TITLE:** Palo Verde Irrigation District Act
**FISCAL COMMITTEE:** yes
**URGENCY CLAUSE:** no
**INTRODUCED:** 02/22/2013
**ENACTED:** 09/06/2013
**DISPOSITION:** Enacted
**LOCATION:** Chaptered
**CHAPTER:** 245

**SUMMARY:**
Entitles a person, firm, or corporation that owns land to vote at the specified elections relating to the Palo Verde Irrigation District. Entitles each property owner to one vote for every one acre of land owned. Requires the district to hold a public hearing regarding these changes to the weighted voted system.

**STATUS:**
09/06/2013 Signed by GOVERNOR.
09/06/2013 Chaptered by Secretary of State. Chapter No. 245

**CA AB 1158**

**AUTHOR:** Waldron [R]
**TITLE:** Vehicles: On-Street Parking for Electric Vehicles
**FISCAL COMMITTEE:** no
**URGENCY CLAUSE:** no
**INTRODUCED:** 02/22/2013
**DISPOSITION:** Failed
**LOCATION:** ASSEMBLY

**SUMMARY:**
Authorizes local authorities to adopt rules and regulations by ordinance or resolution regarding designating and enforcing on-street parking spaces for electric vehicles.

**STATUS:**
CA AB 1175

01/31/2014 Died pursuant to Art. IV, Sec. 10(c) of the Constitution.
02/03/2014 From Committee: Filed with the Chief Clerk pursuant to JR 56.

AUTHOR: Bocanegra [D]
TITLE: Cooperative Agreements: Agricultural Inspectors
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/22/2013
LAST AMEND: 03/13/2014
DISPOSITION: Pending
COMMITTEE: Senate Appropriations Committee
HEARING: 08/14/2014
SUMMARY:
Prohibits the Secretary of Food and Agriculture to enter into cooperative agreements with county of the first class for agricultural inspector services unless not less than an unspecified percent of the agricultural inspector associates not afforded protections as permanent employees employed under the cooperative agreement between the Secretary and the county board of supervisors are afforded protections as permanent employees.

STATUS:
08/04/2014 In SENATE Committee on APPROPRIATIONS: To Suspense File.

CA AB 1190

AUTHOR: Bloom [D]
TITLE: Hazardous Waste: Transportation
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/22/2013
LAST AMEND: 07/01/2013
DISPOSITION: Pending
FILE: 107
LOCATION: Senate Third Reading File
SUMMARY:
Exempts from the hazardous waste manifesting requirements a public utility, local publicly owned utility, or municipal utility district with regard to certain hazardous waste that is collected and transported as specified, subject to notice requirements.

STATUS:
07/01/2014 In SENATE. Read second time. To third reading.

CA AB 1200

AUTHOR: Levine [D]
TITLE: Recycled Water: Agricultural Irrigation Impoundments
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/22/2013
VETOED: 10/07/2013
DISPOSITION: Vetoed
LOCATION: Vetoed
SUMMARY:
Permits the San Francisco Bay Regional Water Quality Board to authorize a voluntary pilot project for the purposes of investigating potential water quality impacts associated with maximizing the supplementation of agricultural
irrigation impoundments with disinfected tertiary treated recycled water, if the board finds the project satisfies specified criteria. Requires the project to include a stakeholder advisory group. Authorizes a formula development for future waste discharge requirements.

**STATUS:**
10/07/2013 Vetoed by GOVERNOR.

**CA AB 1212**

**AUTHOR:** Levine [D]
**TITLE:** Public Contracts: Bids: Equal Materials or Service
**FISCAL COMMITTEE:** yes
**URGENCY CLAUSE:** no
**INTRODUCED:** 02/22/2013
**DISPOSITION:** Failed
**LOCATION:** ASSEMBLY
**SUMMARY:** Prohibits certain bid specifications from requiring a bidder to provide submission of data substantiating a request for a substitution of an equal item prior to the bid or proposal deadline.

**STATUS:**
01/31/2014 Died pursuant to Art. IV, Sec. 10(c) of the Constitution.
02/03/2014 From Committee: Filed with the Chief Clerk pursuant to JR 56.

**CA AB 1235**

**AUTHOR:** Gordon [D]
**TITLE:** Local Agencies: Financial Management Training
**FISCAL COMMITTEE:** no
**URGENCY CLAUSE:** no
**INTRODUCED:** 02/22/2013
**VETOED:** 10/07/2013
**DISPOSITION:** Vetoed
**LOCATION:** Vetoed
**SUMMARY:** Requires a local agency official, in local agency service as of a specified date, except for an official whose term of office ends before a specified date, to receive training in financial management if the agency provides any type of compensation, salary, or stipend to, or reimburses the expenses of, a member of the legislative body. Makes such training applicable to charter cities, charter counties, and charter cities and counties. Requires standardized criteria.

**STATUS:**
10/07/2013 Vetoed by GOVERNOR.

**CA AB 1248**

**AUTHOR:** Cooley [D]
**TITLE:** Controller: Internal Guidelines for Local Agencies
**FISCAL COMMITTEE:** yes
**URGENCY CLAUSE:** no
**INTRODUCED:** 02/22/2013
**ENACTED:** 08/28/2013
**DISPOSITION:** Enacted
**LOCATION:** Chaptered
**CHAPTER:** 190
**SUMMARY:** Requires the Controller to develop internal control guidelines applicable to a local agency to prevent and detect financial errors and fraud. Requires the
Controller to post the completed guidelines on the Controller's Internet Web site and update them, as he or she deems necessary.

**CA AB 1249**

**AUTHOR:** Salas [D]

**TITLE:** Regional Water Management Plans: Contamination

**FISCAL COMMITTEE:** yes

**URGENCY CLAUSE:** no

**INTRODUCED:** 02/22/2013

**LAST AMEND:** 06/30/2014

**DISPOSITION:** Pending

**COMMITTEE:** Senate Appropriations Committee

**HEARING:** 08/14/2014

**SUMMARY:**
Provides the factors to be considered if an area within the boundaries of an integrated regional water management plan has nitrate, arsenic, perchlorate, or hexavalent chromium contamination. Requires that if a grant application includes those areas, the regional water management group include in the application information on how a project or projects helps to address the contamination, or an explanation on why the application does not include those projects.

**STATUS:**
08/04/2014 In SENATE Committee on APPROPRIATIONS: To Suspense File.

**Commentary:**
SDCWA Position: Neutral (original position of "Oppose" adopted by the Board 27-Feb-14 removed; bill has been amended to address the Water Authority's concerns)

**CA AB 1258**

**AUTHOR:** Skinner [D]

**TITLE:** Electricity: Hydroelectric/Pumped Storage Facilities

**FISCAL COMMITTEE:** yes

**URGENCY CLAUSE:** no

**INTRODUCED:** 02/22/2013

**LAST AMEND:** 04/23/2013

**DISPOSITION:** Failed

**LOCATION:** ASSEMBLY

**SUMMARY:**
Requires the State Energy Resources Conservation and Development Commission to perform a technical analysis of the potential use of existing hydroelectric and pumped storage facilities to provide additional operational flexibility that could facilitate the integration of eligible renewable energy resources for the state's electrical grid. Requires the commission to complete its analysis and include its analysis in an energy policy review.

**STATUS:**
01/31/2014 Died pursuant to Art. IV, Sec. 10(c) of the Constitution.
02/03/2014 From Committee: Filed with the Chief Clerk pursuant to JR 56.

**NOTES:**
SDCWA Position: Watch (3-28-2013)

**CA AB 1259**

**AUTHOR:** Olsen [R]
TITLE: Sacramento-San Joaquin Valley  
FISCAL COMMITTEE: no  
URGENCY CLAUSE: no  
INTRODUCED: 02/22/2013  
ENACTED: 09/06/2013  
DISPOSITION: Enacted  
LOCATION: Chaptered  
CHAPTER: 246  
SUMMARY: Relates to the Central Valley Flood Protection Plan. Prohibits a city or county within the Sacramento-San Joaquin Valley from approving specified permits that would result in specified construction located within a flood hazard zone, and is required to deny approval of a tentative map, or a parcel map for which a tentative map was not required, for a subdivision located within the flood hazard zone.  
STATUS: 09/06/2013 Signed by GOVERNOR. 09/06/2013 Chaptered by Secretary of State. Chapter No. 246

CA AB 1301  
AUTHOR: Bloom [D]  
TITLE: Oil and Gas: Hydraulic Fracturing  
FISCAL COMMITTEE: yes  
URGENCY CLAUSE: no  
INTRODUCED: 02/22/2013  
LAST AMEND: 03/21/2013  
DISPOSITION: Failed  
LOCATION: ASSEMBLY  
SUMMARY: Prohibits hydraulic fracturing in oil and gas operations until the Legislature enacts subsequent legislation that determines whether and under what conditions hydraulic fracturing may be conducted while protecting the public health and safety and the natural resources of the state.  
STATUS: 01/31/2014 Died pursuant to Art. IV, Sec. 10(c) of the Constitution. 02/03/2014 From Committee: Filed with the Chief Clerk pursuant to JR 56.

CA AB 1302  
AUTHOR: Hagman [R]  
TITLE: Sustainable Environmental Protection Act  
FISCAL COMMITTEE: yes  
URGENCY CLAUSE: no  
INTRODUCED: 02/22/2013  
LAST AMEND: 03/21/2013  
DISPOSITION: Failed  
LOCATION: Assembly Natural Resources Committee  
SUMMARY: Enacts the Sustainable Environmental Protection Act. Specifies the environmental review required pursuant to the CEQA for projects related to specified environmental topic areas. Prohibits certain causes of action. Provides that the act would only apply if the lead agency or project applicant has agreed to provide to the public in a readily accessible electronic format an annual compliance report prepared pursuant to the mitigation monitoring and reporting program.
STATUS:
08/13/2013 From ASSEMBLY Committee on NATURAL RESOURCES without further action pursuant to JR 62(a).

CA AB 1317

AUTHOR: Frazier [D]
TITLE: State Government Operations
FISCAL COMMITTEE: no
URGENCY CLAUSE: yes
INTRODUCED: 02/22/2013
ENACTED: 09/26/2013
DISPOSITION: Enacted
LOCATION: Chaptered
CHAPTER: 352
SUMMARY:
Reallocates certain duties of abolished state entities and officers to establish state entities and officers, including reallocating specified duties of the abolished Business, Transportation and Housing Agency and its Secretary to the created Transportation Agency and its Secretary and the duties of the abolished Commissioner of Corporations to the Commissioner of Business Oversight.

STATUS:
09/26/2013 Signed by GOVERNOR.
09/26/2013 Chaptered by Secretary of State. Chapter No. 352

CA AB 1323

AUTHOR: Mitchell [D]
TITLE: Oil and Gas: Hydraulic Fracturing
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/22/2013
LAST AMEND: 05/28/2013
DISPOSITION: Failed
LOCATION: Assembly Third Reading File
SUMMARY:
Defines hydraulic fracturing in oil and gas operations and prohibits such fracturing until the date that regulations adopted by the Division of Oil, Gas, and Geothermal Resources regulating such fracturing take effect.

STATUS:
05/30/2013 In ASSEMBLY. Read third time. Failed to pass ASSEMBLY. (24-37)

CA AB 1330

AUTHOR: Perez J [D]
TITLE: Environmental Justice
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/22/2013
LAST AMEND: 09/06/2013
DISPOSITION: Pending
FILE: A-37
LOCATION: Senate Inactive File
SUMMARY:
Requires the Secretary for Environmental Protection to periodically revise and update the agencywide strategy to identify and address any additional gaps in existing programs, policies, or activities that may impede the achievement of environmental justice. Requires a publicly available database of ongoing
enforcement cases and compliance histories of regulated entities. Relates to the state hazardous waste management system. Relates to hazardous waste source reduction; relates to low income communities.

**STATUS:**  
09/12/2013 In SENATE. From third reading. To Inactive File.

**CA AB 1331**  
**AUTHOR:** Rendon [D]  
**TITLE:** Clean, Safe, and Reliable Drinking Water Act of 2014  
**FISCAL COMMITTEE:** yes  
**URGENCY CLAUSE:** no  
**INTRODUCED:** 02/22/2013  
**LAST AMEND:** 06/17/2014  
**DISPOSITION:** Pending  
**LOCATION:** Senate Rules Committee  

**SUMMARY:**  
Repeals the provisions that would create the Safe, Clean and Reliable Drinking Water Supply Act of 2012. Enacts the Clean, Safe and Reliable Drinking Water Act of 2014, which, if adopted by the voters, would authorize the issuance of bonds in a specified amount pursuant to the State General Obligation Bond Law to finance a clean and safe drinking water program.

**STATUS:**  
06/18/2014 Withdrawn from SENATE Committee on GOVERNANCE AND FINANCE.  
06/18/2014 Re-referred to SENATE Committee on RULES.

**Commentary:**  
SDCWA Position: Oppose unless amended (2-27-14)

**CA AB 1336**  
**AUTHOR:** Frazier [D]  
**TITLE:** Prevailing Wages: Payroll Records  
**FISCAL COMMITTEE:** yes  
**URGENCY CLAUSE:** no  
**INTRODUCED:** 02/22/2013  
**ENACTED:** 10/13/2013  
**DISPOSITION:** Enacted  
**LOCATION:** Chaptered  
**CHAPTER:** 792  

**SUMMARY:**  
Relates to the deadline for filing a civil penalty assessment against a contractor or subcontractor for a violation under the public works provisions. Extends the deadline for filing an action regarding prevailing wages under a public works contract. Requires that any copy of a payroll record made available for inspection to be marked or obliterated only to prevent disclosure of an individual's social security number. Authorizes civil penalties only against the employer not paying the prevailing wage.

**STATUS:**  
10/13/2013 Chaptered by Secretary of State. Chapter No. 792

**CA AB 1349**  
**AUTHOR:** Gatto [D]  
**TITLE:** CalConserve Water Use Efficiency Revolving Fund  
**FISCAL COMMITTEE:** yes  
**URGENCY CLAUSE:** no  
**INTRODUCED:** 02/22/2013  
**DISPOSITION:** Failed
Establishes the CalConserve Water Use Efficiency Revolving Fund for the purpose of water use efficiency projects. Requires moneys in the fund to be used for purposes that include, but are not limited to, at-or-below market interest rate loans.

Status:
01/31/2014 Died pursuant to Art. IV, Sec. 10(c) of the Constitution.
02/03/2014 From Committee: Filed with the Chief Clerk pursuant to JR 56.

Notes:
SDCWA Position: Support (3-28-2013)

CA AB 1365

Author: Perez J [D]
Title: State and Local Agency Reports: Legislative Counsel
Fiscal Committee: yes
Urgency Clause: no
Introduced: 02/22/2013
Enacted: 08/28/2013
Disposition: Enacted
Location: Chaptered
Chapter: 192

Summary:
Requires the Legislative Council to make a list of agency reports available to the public by posting it on an Internet Web site. Authorizes state and local agencies to file certain reports with the Counsel electronically, with a hyperlink for report access. Removes the requirement to remove obsolete reports from the list of reports and that the list be provided to each member of the Legislature. Requires providing a hyperlink to each member whereby the list or report could be accessed.

Status:
08/28/2013 Signed by GOVERNOR.
08/28/2013 Chaptered by Secretary of State. Chapter No. 192

CA AB 1393

Author: Perea [D]
Title: Personal Income Tax: Exclusion: Mortgage Forgiveness
Fiscal Committee: yes
Urgency Clause: yes
Introduced: 03/04/2013
Enacted: 07/21/2014
Disposition: Enacted
Location: Chaptered
Chapter: 152

Summary:
Amends the Personal Income Tax Law that provides for modified conformity to specified provisions of federal income tax law relating to the exclusion of the discharge of qualified principal residence indebtedness from an individual's income. Conforms to the federal extension, discharge indebtedness for related penalties and interest.

Status:
07/21/2014 Signed by GOVERNOR.
07/21/2014 Chaptered by Secretary of State. Chapter No. 152

CA AB 1427

Author: Local Government Cmt
Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000 that defines an independent district or independent special district. Provides the definition excludes districts with specified membership. Relates to district members residing within the county of the district. Regards district annexation or reorganization to any city in Santa Clara County. Revises provisions regarding district merger elections. Relates to district formation protest hearings.

STATUS:
08/12/2013 Signed by GOVERNOR.
08/12/2013 Chaptered by Secretary of State. Chapter No. 87

CA AB 1434

TITLE: Low-Income Water Rate Assistance Program
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 01/06/2014
LAST AMEND: 05/23/2014
DISPOSITION: Pending
COMMITTEE: Senate Appropriations Committee
HEARING: 08/14/2014

SUMMARY: Requires the Department of Community Services and Development to develop a plan for the funding and implementation of the Low-Income Water Rate Assistance Program which would include specified elements. Requires the Department to report to the Legislature on its findings regarding the feasibility and desired structure of the program.

STATUS:
08/04/2014 In SENATE Committee on APPROPRIATIONS: To SUSPENSE File.

Commentary:
SDCWA Position: Neutral (original position of "Oppose unless amended" adopted by the Board 22-May-14 removed; bill has been amended and is no longer of concern to the Water Authority)

CA AB 1445

TITLE: Water Infrastructure Act of 2014
FISCAL COMMITTEE: yes
URGENCY CLAUSE: yes
INTRODUCED: 01/06/2014
LAST AMEND: 02/14/2014
DISPOSITION: Pending
LOCATION: Assembly Water, Parks and Wildlife Committee

SUMMARY: Repeals the provisions that would create the Safe, Clean, and Reliable Drinking

**STATUS:**
02/14/2014 To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.
02/14/2014 From ASSEMBLY Committee on WATER, PARKS AND WILDLIFE with author's amendments.
02/14/2014 In ASSEMBLY. Read second time and amended. Re-referred to Committee on WATER, PARKS AND WILDLIFE.

**Commentary:**
SDCWA Position: Oppose unless amended (2-27-14)

### CA AB 1636

**AUTHOR:** Brown [D]

**TITLE:** Water Conservation

**FISCAL COMMITTEE:** no

**URGENCY CLAUSE:** no

**INTRODUCED:** 02/10/2014

**LAST AMEND:** 04/21/2014

**DISPOSITION:** Pending

**LOCATION:** Assembly Local Government Committee

**SUMMARY:**
Prohibits a city or county, during a drought emergency declared by the Governor, from enforcing a law or ordinance requiring a resident to water his or her lawn. Provides that a requirement imposed by a governmental entity or a public utility to limit, restrict, or conserve water during a drought emergency declared by the Governor does not constitute a diminution of rent or value of a premise or property.

**STATUS:**
04/24/2014 Re-referred to ASSEMBLY Committee on LOCAL GOVERNMENT.

**Commentary:**
SDCWA Position: Support and seek amendments (4-24-14)

### CA AB 1671

**AUTHOR:** Frazier [D]

**TITLE:** Sacramento-San Joaquin Delta: Water Conveyance System

**FISCAL COMMITTEE:** yes

**URGENCY CLAUSE:** no

**INTRODUCED:** 02/12/2014

**DISPOSITION:** Pending

**LOCATION:** Assembly Water, Parks and Wildlife Committee

**SUMMARY:**
Prohibits the Department of Water Resources from constructing water facilities as part of a specified water conveyance system unless specifically authorized by the Legislature.

**STATUS:**
04/08/2014 In ASSEMBLY Committee on WATER, PARKS AND WILDLIFE: Not heard.

### CA AB 1674

**AUTHOR:** Bigelow [R]

**TITLE:** Vended Water

**FISCAL COMMITTEE:** no

**URGENCY CLAUSE:** no
Amends existing law that prescribed various quality and labeling standards for bottled water and vender water, including mineral water, and limits the levels of certain contaminants that may be contained in those water products. Exempts a water-vending machine from those requirements if the drinking water vended by the machine derives from a groundwater basis that does not exceed the maximum contaminant levels.

STATUS:
03/28/2014 To ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.
03/28/2014 From ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS with author's amendments.
03/28/2014 In ASSEMBLY. Read second time and amended. Re-referred to Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.

Amends existing law that authorizes the retention proceeds withheld from any payment by an awarding entity from the original contractor, by the original contractor from any subcontractor, and by a subcontractor from any subcontractor, to exceed a specified percentage on projects that are substantially complex. Requires that the bid documents include details explaining the basis for the finding in addition to the actual retention amount. Requires the description of unique project and why it is unique.

STATUS:
08/12/2014 In SENATE. Read second time. To third reading.

Requires, in each integrated regional water management region, that not less than a specified percentage of any funding for integrated regional water
management planning purposes be used to facilitate and support the participation of disadvantaged communities in integrated regional water management planning and for projects that address critical water supply or water quality needs for disadvantaged communities.

**STATUS:**

06/10/2014 In SENATE Committee on NATURAL RESOURCES AND WATER: Not heard.

**Commentary:**

SDCWA Position: Oppose unless amended (3-27-14)

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**CA AB 1739**

**AUTHOR:** Dickinson [D]

**TITLE:** Groundwater Management

**FISCAL COMMITTEE:** yes

**URGENCY CLAUSE:** no

**INTRODUCED:** 02/14/2014

**LAST AMEND:** 08/07/2014

**DISPOSITION:** Pending

**COMMITTEE:** Senate Appropriations Committee

**HEARING:** 08/14/2014

**SUMMARY:**

Relates to groundwater management plan criteria to identify basins and subbasins that should be prioritized, prohibiting a new plan except for low- or very low priority basins, the election of a local agency as a groundwater sustainability agency, providing technical assistance to entities that extract or use groundwater, the submission of a plan for review, the conduction of inspections and inspection permits, fees to recover costs from the Water Rights Fund, and the review of general plans.

**STATUS:**

08/11/2014 In SENATE Committee on APPROPRIATIONS: To Suspense File.

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**CA AB 1799**

**AUTHOR:** Gordon [D]

**TITLE:** Land Use: Mitigation Lands

**FISCAL COMMITTEE:** yes

**URGENCY CLAUSE:** no

**INTRODUCED:** 02/18/2014

**LAST AMEND:** 05/01/2014

**DISPOSITION:** Pending

**LOCATION:** Assembly Appropriations Committee

**SUMMARY:**

Specifies, where a governmental entity or specified district is the transferee of property, that an endowment or other financial mechanism is not required if the entity or district provides evidence to the local or State agency that it possesses an investment-grade credit rating by a nationally recognized rating organization or other equivalent evidence of financial responsibility and enters into a contractual agreement enforcing mitigation requirements. Requires related reporting.

**STATUS:**

05/23/2014 In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.

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**CA AB 1874**

**AUTHOR:** Gonzalez [D]

**TITLE:**

Integrated Regional Water Management Plans: Funding
Requires the Department of Water Resources to develop a streamlined application process for certain regional water management groups. Requires, in order to get water management grant funds through the process, the group must file a streamlined application including specified information. Requires awarding funds according to a statutory formula and covers regions. Requires the group to provide a list of projects to be funded and the Department to award the funding within a specified time period.

**STATUS:**
05/23/2014 In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.

**Commentary:**
SDCWA Position: Sponsor

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**CA AB 1891**

**AUTHOR:** Donnelly [R]
**TITLE:** Sales and Use Taxes: Water Desalination: Equipment
**FISCAL COMMITTEE:** yes
**URGENCY CLAUSE:** no
**INTRODUCED:** 02/19/2014
**LAST AMEND:** 03/20/2014
**DISPOSITION:** Pending
**LOCATION:** Assembly Revenue and Taxation Committee

**SUMMARY:**
Exempts from the sales and use tax laws the gross receipts from the sale in the State of, and the storage, use, or other consumption in the state of, any equipment purchased to be primarily used for water desalination.

**STATUS:**
05/13/2014 In ASSEMBLY Committee on REVENUE AND TAXATION: Held in committee.

**Commentary:**
SDCWA Position: Support and seek amendments (4-24-14)

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**CA AB 1933**

**AUTHOR:** Levine [D]
**TITLE:** Local Government: Investments
**FISCAL COMMITTEE:** no
**URGENCY CLAUSE:** yes
**INTRODUCED:** 02/19/2014
**ENACTED:** 06/25/2014
**DISPOSITION:** Enacted
**LOCATION:** Chaptered
**CHAPTER:** 59

**SUMMARY:**
Authorizes the legislative body of a local agency to invest in United States dollar denominated senior unsecured unsubordinated obligations issued or unconditionally guaranteed by certain banks. Requires these investments to be rated AA or better and to not exceed a specified percentage of the agency’s moneys that may be invested.
CA AB 1961

**STATUS:**
06/25/2014 Signed by GOVERNOR.
06/25/2014 Chaptered by Secretary of State. Chapter No. 59

**AUTHOR:** Eggman [D]

**TITLE:** Land Use: Planning: Sustainable Farmland Strategy

**FISCAL COMMITTEE:** yes

**URGENCY CLAUSE:** no

**INTRODUCED:** 02/19/2014

**LAST AMEND:** 04/22/2014

**DISPOSITION:** Pending

**LOCATION:** Assembly Appropriations Committee

**SUMMARY:** Requires each county to develop a sustainable farmland strategy. Requires the sustainable farmland strategy to include, among other things, a map and inventory of all agriculturally zoned land within the county, a description of the goals, strategies, and related policies and ordinances, to retain agriculturally zoned land where practical and mitigate the loss of such land to other uses or zones.

**STATUS:**
05/23/2014 In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.

CA AB 1983

**AUTHOR:** Gray [D]

**TITLE:** Water Meters: Multiunit Structures

**FISCAL COMMITTEE:** no

**URGENCY CLAUSE:** no

**INTRODUCED:** 02/19/2014

**LAST AMEND:** 02/19/2014

**DISPOSITION:** Pending

**LOCATION:** Assembly Housing and Community Development Committee

**SUMMARY:** Authorizes the owner or operator of a building containing residential units to install equipment to determine or use an economic allocation methodology to approximate the quantity of water that is provided to the tenants and used in the common areas of that building and to charge tenants separately for water and wastewater service based on usage as determined through the use of that equipment or allocation methodology if certain requirements are met.

**STATUS:**
03/03/2014 To ASSEMBLY Committees on HOUSING AND COMMUNITY DEVELOPMENT and WATER, PARKS AND WILDLIFE.

Commentary:
SDCWA Position: Support if amended (4-24-14)

CA AB 2023

**AUTHOR:** Wagner [R]

**TITLE:** Eminent Domain: Compensation: Loss of Goodwill

**FISCAL COMMITTEE:** no

**URGENCY CLAUSE:** no

**INTRODUCED:** 02/20/2014

**LAST AMEND:** 06/15/2014

**DISPOSITION:** Pending

**LOCATION:** Senate Judiciary Committee

**SUMMARY:** Amends existing law that provides that an owner of property taken by eminent
domain is entitled to compensation for loss of goodwill. Requires that an owner prove that goodwill existed before a taking. Provides that evidence of other elements would be presented to the trier of fact only if the owner produces evidence tending to show that goodwill existing before the taking.

STATUS:
06/24/2014 In SENATE Committee on JUDICIARY: Failed passage.

CA AB 2040

AUTHOR: Garcia [D]
TITLE: Public Official Compensation
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/20/2014
LAST AMEND: 08/12/2014
DISPOSITION: Pending
FILE: 256
LOCATION: Senate Third Reading File

SUMMARY:
Requires a local agency to report to the Controller the annual compensation of its public officials. Requires a local agency that is required to report and that maintains an Internet Web site to post that information on the Controller's Government Compensation in California Internet Web site. Requires the Controller to display the financial reports and the public official compensation on that Web site. Requires the entities to consult regarding the reporting requirements for such disclosure.

STATUS:
08/12/2014 In SENATE. Read second time and amended. To third reading.

CA AB 2043

AUTHOR: Bigelow [R]
TITLE: Safe Clean and Reliable Drinking Water Supply Act
FISCAL COMMITTEE: yes
URGENCY CLAUSE: yes
INTRODUCED: 02/20/2014
LAST AMEND: 05/19/2014
DISPOSITION: Pending
LOCATION: Assembly Appropriations Committee

SUMMARY:
Repeals provisions of the Safe, Clean, and Reliable Drinking Water Supply Act of 2012. Enacts the Safe, Clean, and Reliable Water Supply Act of 2014, which, if adopted by votes, would authorize the issuance of bonds in a specified amount to finance a safe drinking water and water supply reliability program.

STATUS:
08/06/2014 In ASSEMBLY Committee on APPROPRIATIONS: Not heard.
Commentary:
SDCWA Position: Support if amended (3-27-14)

CA AB 2067

AUTHOR: Weber [D]
TITLE: Urban Water Management Plans
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/20/2014
LAST AMEND: 08/07/2014
DISPOSITION: Pending
Requires an urban retail water supplier and an urban wholesale water supplier to provide narratives describing the supplier's water demand management measures. Requires the narrative to address the nature and extent of each water demand management measure implemented to describe the water demand management measures that the supplier plans to implement. Provides the deadline for the 2015 plan submission. Relates to the determination of future water use reductions.

STATUS:
08/11/2014 In SENATE. Read second time. To third reading.

Commentary:
SDCWA Position: Sponsor

CA AB 2071

AUTHOR: Levine [D]
TITLE: Recycled Water: Pasture Animals
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/20/2014
LAST AMEND: 06/30/2014
DISPOSITION: Pending
COMMITTEE: Senate Appropriations Committee
HEARING: 08/14/2014
SUMMARY: Requires the State Water Resources Control Board to determine whether the use of disinfected tertiary treated recycled water for the purpose of providing water to pasture animals would be safe for public and animal health. Requires the establishment of statewide recycling criteria for the use of recycled water for such purposes. Prohibits the use of such water in the water supply for dairy animals that are currently producing dairy products for human consumption.

STATUS:
08/04/2014 In SENATE Committee on APPROPRIATIONS: To Suspense File.

CA AB 2100

AUTHOR: Campos [D]
TITLE: Common Interest Developments: Yard Maintenance: Drought
FISCAL COMMITTEE: no
URGENCY CLAUSE: yes
INTRODUCED: 02/20/2014
ENACTED: 07/21/2014
DISPOSITION: Enacted
LOCATION: Chaptered
CHAPTER: 164
SUMMARY: Prohibits a common interest development association from imposing a fine or assessment against a member of a separate interest for reducing or eliminating watering of vegetation or lawns during any period for which the Governor has declared a state of emergency, or a local government has declared a local emergency, due to drought.

STATUS:
07/21/2014 Signed by GOVERNOR.
CA AB 2104

**Author:** Gonzalez [D]
**Title:** Common Interest Developments: Water Efficient Landscapes
**Fiscal Committee:** no
**Urgency Clause:** no
**Introduced:** 02/20/2014
**Last Amend:** 08/12/2014
**Disposition:** Pending
**File:** 2
**Location:** Senate Second Reading File

**Summary:**
Relates to the Davis-Stirling Common Interest Development Act. Provides that a provision of the governing documents or of the architectural or landscaping guidelines or policies shall be void and unenforceable if it prohibits, or includes conditions that have the effect of prohibiting, low water-using plants as a group or as a replacement of existing turf, or if the provisions have the effect of prohibiting or restricting compliance with local water conservation measures.

**Status:**
08/13/2014 In SENATE. Read second time. To third reading.

SDCWA Position: Support (3-27-14)

CA AB 2126

**Author:** Bonta [D]
**Title:** Meyers Milias Brown Act Mediation
**Fiscal Committee:** yes
**Urgency Clause:** no
**Introduced:** 02/20/2014
**Last Amend:** 05/23/2014
**Disposition:** Pending
**Committee:** Senate Appropriations Committee
**Hearing:** 08/14/2014

**Summary:**
Amends the Meyers-Milias-Brown Act. Permits either party to contract negotiations to request mediation and agree upon a mediator. Authorizes the Public Employee Relations Board to appoint a mediator upon request. Relates to a waiver of such request if the public agency has a impasse procedure. Authorizes certain collective bargaining negotiation differences to apply to these provisions.

**Status:**
08/04/2014 In SENATE Committee on APPROPRIATIONS: To Suspense File.

SDCWA Position: Support (3-27-14)

CA AB 2156

**Author:** Achadjian [R]
**Title:** Local Agency Formation Commissions: Studies
**Fiscal Committee:** no
**Urgency Clause:** no
**Introduced:** 02/20/2014
**Enacted:** 06/04/2014
**Disposition:** Enacted
**Location:** Chaptered
CHAPTER: 21
SUMMARY:
Includes joint powers agencies and joint powers authorities among the entities from which a local agency formation commission is authorized to request land use information, studies, and plans, for purposes of conducting the studies. Includes such agreements in the list of items the local agency formation commission may request in conducting those studies. Defines joint powers agency and joint powers authority for purposes of the Cortese-Know-Hertzberg Local Government Reorganization Act of 2000.

STATUS:
06/04/2014 Signed by GOVERNOR.
06/04/2014 Chaptered by Secretary of State. Chapter No. 21

CA AB 2170
AUTHOR: Mullin [D]
TITLE: Joint powers Authorities: Common Powers
FISCAL COMMITTEE: no
URGENCY CLAUSE: no
INTRODUCED: 02/20/2014
LAST AMEND: 06/17/2014
DISPOSITION: Pending
FILE: 44
LOCATION: Assembly Unfinished Business - Concurrence in Senate Amendments

SUMMARY:
Provides that parties involved in a joint powers authority agreement may exercise any power common to the contracting parties, including, but not limited to, the authority to levy a fee, assessment, or tax.

STATUS:
08/11/2014 In SENATE. Read third time. Passed SENATE. *****To ASSEMBLY for concurrence. (21-15)

CA AB 2193
AUTHOR: Gordon [D]
TITLE: Habitat Restoration and Enhancement Act
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/20/2014
LAST AMEND: 08/04/2014
DISPOSITION: Pending
COMMITTEE: Senate Appropriations Committee
HEARING: 08/14/2014

SUMMARY:
Enacts the Habitat Restoration and Enhancement Act and related fund. Authorizes the Department of Fish and Wildlife to schedule fees for projects, based on the cost of a project, sufficient to recover all reasonable administrative and implementation costs of the Department relating to the project, but not to exceed fees adopted by the Department for standard lake or streambed alteration agreements for projects of comparable cost. Provides moneys in fund are to administer and implement the Act.

STATUS:
08/04/2014 From SENATE Committee on APPROPRIATIONS with author’s amendments.
08/04/2014 In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
08/04/2014 In SENATE Committee on APPROPRIATIONS: To Suspense File.

CA AB 2269

AUTHOR: Bigelow [R]
TITLE: Integrated Regional Water Management Planning
FISCAL COMMITTEE: no
URGENCY CLAUSE: no
INTRODUCED: 02/21/2014
DISPOSITION: Pending
LOCATION: ASSEMBLY
SUMMARY: Makes a technical, nonsubstantive change to existing law that authorizes a regional water management group to prepare and adopt an integrated regional water management plan.
STATUS: 02/21/2014 INTRODUCED.

CA AB 2282

AUTHOR: Gatto [D]
TITLE: Building Standards: Recycled Water Systems
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/21/2014
LAST AMEND: 08/05/2014
DISPOSITION: Pending
COMMITTEE: Senate Appropriations Committee
HEARING: 08/14/2014
SUMMARY: Requires the Department of Housing and Community Development to conduct research to assist in the development of and to submit for adoption by the State Building Standards Commission of mandatory building standards for the installation of recycled water systems for newly constructed single-family and multifamily residential buildings. Limits the mandate to install recycled water systems to certain areas within a local jurisdiction. Regards recycled water and green building standards.
STATUS: 08/11/2014 In SENATE Committee on APPROPRIATIONS: To Suspense File.
Commentary:
SDCWA Position: Support (original position adopted by the Board 24-Apr-14 was "Support if amended"; bill was amended (2-Jul-14) in keeping with amendments sought by the Water Authority).

CA AB 2338

AUTHOR: Wagner [R]
TITLE: Initiatives: Writ of Mandate
FISCAL COMMITTEE: no
URGENCY CLAUSE: no
INTRODUCED: 02/21/2014
DISPOSITION: Failed
LOCATION: ASSEMBLY
SUMMARY: Provides that if a local initiative measure has been certified by an elections official as having qualified for the ballot, a public agency is prohibited from bringing suit seeking a declaration of rights until after the election. Provides
that, if the governing body of the jurisdiction in which the initiative measure will be voted upon seeks to challenge the qualification or validity of the initiative measure, it shall do so by seeking a writ of mandate or injunction.

**STATUS:**
05/30/2014 From ASSEMBLY Committee on JUDICIARY without further action pursuant to JR 62(a).

**CA AB 2403**

**AUTHOR:** Rendon [D]

**TITLE:** Local Government: Assessments, fees, and charges

**FISCAL COMMITTEE:** no

**URGENCY CLAUSE:** no

**INTRODUCED:** 02/21/2014

**ENACTED:** 06/28/2014

**DISPOSITION:** Enacted

**LOCATION:** Chaptered

**CHAPTER:** 78

**SUMMARY:**
States that provisions of the State Constitution generally require that assessments, fees, and charges be submitted to property owners for approval or rejection after the provisions of written notice and the holding of a public hearing. Modifies the definition of water to mean water from any source.

**STATUS:**
06/28/2014 Signed by GOVERNOR.
06/28/2014 Chaptered by Secretary of State. Chapter No. 78

**CA AB 2417**

**AUTHOR:** Nazarian [D]

**TITLE:** California Environmental Quality Act: Recycled Water

**FISCAL COMMITTEE:** yes

**URGENCY CLAUSE:** no

**INTRODUCED:** 02/21/2014

**LAST AMEND:** 05/07/2014

**DISPOSITION:** Pending

**LOCATION:** Senate Environmental Quality Committee

**SUMMARY:**
Amends the California Environmental Quality Act, which exempt specified pipeline projects from certain requirements. Exempts from the Act, a project for the construction and installation of a new pipeline or the maintenance, repair, restoration, reconditioning, relocation, replacement, removal, or demolition of an existing pipeline, not exceeding a specified length, for the distribution of recycled water within a public street, highway, or right-of-way. Requires the filing of a notice of exemption.

**STATUS:**
06/18/2014 In SENATE Committee on ENVIRONMENTAL QUALITY: Not heard.

**Commentary:**
SDCWA Position: Support and seek amendments (4-24-14)

**CA AB 2420**

**AUTHOR:** Nazarian [D]

**TITLE:** Well Stimulation Treatments: Local Prohibition

**FISCAL COMMITTEE:** no

**URGENCY CLAUSE:** no

**INTRODUCED:** 02/21/2014

**DISPOSITION:** Pending
| LOCATION: Assembly Local Government Committee |
| SUMMARY: Authorizes a city or county to adopt and enforce a local ordinance prohibiting well stimulation treatments. |
| STATUS: |
| 04/30/2014 In ASSEMBLY Committee on LOCAL GOVERNMENT: Failed passage. |
| 04/30/2014 In ASSEMBLY Committee on LOCAL GOVERNMENT: Reconsideration granted. |

**CA AB 2434**

| AUTHOR: Gomez [D] |
| TITLE: Income Taxes: Exclusion |
| FISCAL COMMITTEE: yes |
| URGENCY CLAUSE: no |
| INTRODUCED: 02/21/2014 |
| LAST AMEND: 05/19/2014 |
| DISPOSITION: Pending |
| COMMITTEE: Senate Appropriations Committee |
| HEARING: 08/14/2014 |
| SUMMARY: Provides, under the Personal Income Tax and Corporation Tax laws, an exclusion from gross income for any amount received as a rebate, or financial incentive issued by a local water agency or or supplier for participation in a turf removal water conservation program. |
| STATUS: |
| 08/04/2014 In SENATE Committee on APPROPRIATIONS: To Suspense File. |
| Commentary: SDCWA Position: Support (4-24-14) |

**CA AB 2446**

| AUTHOR: Waldron [R] |
| TITLE: San Luis Rey Municipal Water District |
| FISCAL COMMITTEE: no |
| URGENCY CLAUSE: no |
| INTRODUCED: 02/21/2014 |
| LAST AMEND: 05/28/2014 |
| DISPOSITION: Pending |
| FILE: 51 |
| LOCATION: Assembly Unfinished Business - Concurrence in Senate Amendments |
| SUMMARY: Prohibits a standby assessment or availability charge levied for the San Luis Rey Municipal Water District from exceeding a specified amount per acre for land on which the charge is levied or a specified amount per year for a parcel less that a specified size. Requires the proceeds from the assessment or charge to be used for the purposes of management of local water supply and its quality. |
| STATUS: |
| 08/11/2014 In SENATE. Read third time. Passed SENATE. *****To ASSEMBLY for concurrence. (35-0) |

**CA AB 2451**

| AUTHOR: Daly [D] |
| TITLE: Weights and Measures: Water Submeters |
| FISCAL COMMITTEE: yes |
URGENCY CLAUSE: no
INTRODUCED: 02/21/2014
LAST AMEND: 06/10/2014
DISPOSITION: Pending
FILE: 117
LOCATION: Senate Third Reading File
SUMMARY:
Requires a county sealer who possesses the appropriate equipment for performing tests on water submeters to inspect, calibrate, test and certify the accuracy of a submeter upon the request of the owner, user or operator, under certain conditions. Authorizes the transfer of a inspected and sealed submeter to another county if certain conditions are met. Provides conditions that require a submeter that is found incorrect to be returned to the service agent. Relates to criminal and civil liability waivers.
STATUS:
07/01/2014 In SENATE. Read second time. To third reading.

CA AB 2453

AUTHOR: Achadjian [R]
TITLE: Paso Robles Basin Water District
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/21/2014
LAST AMEND: 08/04/2014
DISPOSITION: Pending
FILE: 265
LOCATION: Senate Third Reading File
SUMMARY:
Provides for the formation of the Paso Robles Basin Water District. Sets forth the composition of, and method of election by landowners and registered voters for, the board of directors for the District, the boundaries of which shall be established and may be modified by the San Luis Obispo County Local Agency Formation Commission. Prescribes District powers relating to the use and extraction of groundwater. Authorizes the development, adoption, and implementation of a groundwater management plan.
STATUS:
08/12/2014 In SENATE. Read second time. To third reading.

CA AB 2454

AUTHOR: Quirk-Silva [D]
TITLE: Foster Youth: Nonminor Dependants
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/21/2014
LAST AMEND: 07/01/2014
DISPOSITION: Pending
COMMITTEE: Senate Appropriations Committee
HEARING: 08/14/2014
SUMMARY:
Authorizes a nonminor who has not attained a specified age to petition the court if the nonminor received public assistance after attaining a specified age and his or her former guardian or guardians or adoptive parent or parents fail to provide ongoing support to, and no longer receive payment on behalf of, the nonminor, and the court determines that it is in the nonminor’s best interest for the court to assume dependency jurisdiction.
CA AB 2463

Author: Dickinson [D]
Title: Water: Plans
Fiscal Committee: Yes
Urgency Clause: No
Introduced: 02/21/2014
Last Amend: 04/21/2014
Disposition: Pending
Location: Assembly Appropriations Committee

Summary:
Requires the Department of Water Resources to partner with the Regional Water Authority, water suppliers in El Dorado, Placer, Sacramento, and Placer counties, and other interested agencies to develop a plan for investing in water supplies and other facilities in order to contribute to the reliability of water supplies for the Sacramento region’s communities and environmental resources while also generating statewide benefits.

CA AB 2492

Author: Jones-Sawyer [D]
Title: Controlled Substances: Sentencing
Fiscal Committee: No
Urgency Clause: No
Introduced: 02/21/2014
Last Amend: 05/28/2014
Disposition: Pending
File: 85
Location: Senate Third Reading File

Summary:
Amends existing law prohibits a person from using or being under the influence of certain controlled substances. Deletes the requirement that a person convicted under this provision serve at least a certain number of days in a county jail, and would delete the requirement that, as a condition of granting probation, the person serve time in a county jail.

CA AB 2554

Author: Rendon [D]
Title: Clean, Safe, and Reliable Drinking Water Act of 2014
Fiscal Committee: Yes
Urgency Clause: No
Introduced: 02/21/2014
Last Amend: 04/23/2014
Disposition: Pending
Location: Assembly Appropriations Committee

Summary:
Repeals the Safe, Clean, and Reliable Drinking Water Act of 2012 that would authorize the issuance of bonds to finance a safe drinking water and water supply reliability program via a bond act if passed by the voters at a statewide
general election. Enacts the Clean, Safe, and Reliable Drinking Water Act of 2014 to authorize bonds in a specified amount to finance a clean, safe, and reliable drinking water program if passed by the voters at a statewide general election.

STATUS:

04/29/2014 From ASSEMBLY Committee on WATER, PARKS AND WILDLIFE: Do pass to Committee on APPROPRIATIONS. (10-3)

Commentary:

SDCWA Position: Support if amended (4-24-14)

CA AB 2619

AUTHOR: Gaines B [R]
TITLE: Dams: Fish: Critically Dry Year
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/21/2014
LAST AMEND: 03/28/2014
DISPOSITION: Pending
LOCATION: Assembly Water, Parks and Wildlife Committee
SUMMARY:
Amends existing law which requires a dam owner to allow sufficient water to pass through a fishway or over, around, or through the dam and which authorizes the Department of Fish and Game to grant permission to the dam owner to allow sufficient water to pass through a culvert, waste gate, or over or around the dam, to keep in good condition any fish that may be planted or exist below the dam. Prohibits such provisions from applying during a critically dry year.

STATUS:

03/28/2014 To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.
03/28/2014 From ASSEMBLY Committee on WATER, PARKS AND WILDLIFE with author's amendments.
03/28/2014 In ASSEMBLY. Read second time and amended. Re-referred to Committee on WATER, PARKS AND WILDLIFE.

CA AB 2636

AUTHOR: Gatto [D]
TITLE: CalConserve Water Use Efficiency Revolving Fund
FISCAL COMMITTEE: CalConserve Water Use Efficiency Revolving Fund
URGENCY CLAUSE: yes
INTRODUCED: 02/21/2014
LAST AMEND: 06/30/2014
DISPOSITION: Pending
COMMITTEE: Senate Appropriations Committee
HEARING: 08/14/2014
SUMMARY:
Transfers to the CalConserve Water Use Efficiency Revolving Fund from the Costa-Machado Water Act of 2000 specified bond proceeds issued and available for agricultural water projects. Requires the Department of Water Resources to use these moneys for loans and grants to local agencies to acquire and construct agricultural water conservation projects consistent with the bond act. Prohibits any funds until specified information regarding such projects is provided to the Legislature.

STATUS:
08/04/2014 In SENATE Committee on APPROPRIATIONS: To Suspense File.

Commentary:
SDCWA Position: Support and seek amendments (3-27-14)

CA AB 2686

**AUTHOR:** Perea [D]

**TITLE:** Clean, Safe, and Reliable Water Supply Act of 2014

**FISCAL COMMITTEE:** yes

**URGENCY CLAUSE:** yes

**INTRODUCED:** 02/21/2014

**LAST AMEND:** 05/01/2014

**DISPOSITION:** Pending

**LOCATION:** Assembly Appropriations Committee

**SUMMARY:**
Repeals the Safe, Clean, and Reliable Drinking Water Supply Act of 2012. Enacts the Clean, Safe, and Reliable Water Supply Act of 2014, which, if adopted by the voters, would authorize the issuance of bonds in an unspecified amount, to finance a clean, safe, and reliable water supply program. Provides for the submission of the bond act to the voters at a statewide general election.

**STATUS:**
08/06/2014 In ASSEMBLY Committee on APPROPRIATIONS: Not heard.

Commentary:
SDCWA Position: Support if amended (3-27-14)

CA AB 2701

**AUTHOR:** Gonzalez [D]

**TITLE:** Groundwater Basins: Investigation and Report

**FISCAL COMMITTEE:** no

**URGENCY CLAUSE:** no

**INTRODUCED:** 02/21/2014

**DISPOSITION:** Pending

**LOCATION:** ASSEMBLY

**SUMMARY:**
Makes a technical, nonsubstantive change to existing law that requires the Department of Water Resources, in conjunction with other public agencies, to conduct an investigation of the state's groundwater basins and to report its findings to the Governor and the Legislature.

**STATUS:**
02/21/2014 INTRODUCED.

CA AB 2727

**AUTHOR:** Frazier [D]

**TITLE:** Courts: Witness: Local Agency Employees

**FISCAL COMMITTEE:** no

**URGENCY CLAUSE:** no

**INTRODUCED:** 02/21/2014

**ENACTED:** 07/21/2014

**DISPOSITION:** Enacted

**LOCATION:** Chaptered

**CHAPTER:** 170

**SUMMARY:**
Amends existing law that requires a party who subpoenas an employee of a local agency to attend a civil action or proceeding as a witness in a matter regarding an event or transaction that the employee perceived or investigated to which the agency is not a party, and must tender a specified amount of funds
for compensation and travel expenses for the employee. Increases the amount

to be tendered with the subpoena. Defines local agency to mean a city, county,
district, redevelopment agency or other entity.

**CA AB 2759**

**Author:** Water, Parks and Wildlife Cmt

**Title:** Interstate Water Rights

**Fiscal Committee:** yes

**Urgency Clause:** no

**Introduced:** 03/24/2014

**Disposition:** To Governor

**Location:** Enrolled

**Summary:**
Recasts provisions of existing law regarding water rights of streams flowing
across state lines, the Truckee River, and interstate lakes. Provides, if the
waters of an interstate body of water have been allocated with another state or
Indian tribe by a compact, United States Supreme Court decree, or other
appropriate method allocating interstate waters, the State Water Resources
Control Board is required to exercise its authority in a manner consistent with
the rights and responsibilities of the state.

**Status:**
08/09/2014 Enrolled.

**CA ACA 8**

**Author:** Blumenfield [D]

**Title:** Local Government Financing: Voter Approval

**Fiscal Committee:** no

**Urgency Clause:** no

**Introduced:** 02/13/2013

**Last Amended:** 04/04/2013

**Disposition:** Pending

**Location:** Senate Governance and Finance Committee

**Summary:**
Proposes an amendment to the Constitution to create an additional exception to
the 1% limit for an ad valorem tax rate imposed by a city, county, city and
county, or special district, to service bonded indebtedness incurred to fund
specified public improvements and facilities, or buildings used primarily to
provide sheriff, police, or fire protection services, that is approved by 55% of
the voters of the city, county, city and county, or special district.

**Status:**
06/27/2013 To SENATE Committees on GOVERNANCE AND FINANCE and
ELECTIONS AND CONSTITUTIONAL AMENDMENTS.

**CA AJR 4**

**Author:** Hueso [D]

**Title:** The United States-Mexico Border

**Introduced:** 01/14/2013

**Enacted:** 05/01/2013

**Disposition:** Adopted

**Location:** Chaptered

**Chapter:** 24

**Summary:**
Urges the federal government, including the Department of Homeland Security
and the General Services Administration, to fund necessary improvements at the San Ysidro, Calexico, and Otay Mesa Ports of Entry.

STATUS:
05/01/2013 Chaptered by Secretary of State.
05/01/2013 Resolution Chapter No. 24

CA SB 4

AUTHOR: Pavley [D]
TITLE: Oil and Gas: Well Stimulation
FISCAL COMMITTEE: no
URGENCY CLAUSE: no
INTRODUCED: 12/03/2012
ENACTED: 09/20/2013
DISPOSITION: Enacted
LOCATION: Chaptered
CHAPTER: 313
SUMMARY:
Requires an independent scientific study on well stimulation treatments, including acid well stimulation and hydraulic fracturing treatment. Requires a well operator to record all data on such treatments, and to apply for a permit prior to performing any treatments. Requires the fracturing to be completed by a specified date. Requires prior notification of stimulation. Requires disclosure of the treatment fluids. Requires public notice and direct reporting to a web site. Requires a water management plan.

STATUS:
09/20/2013 ****To GOVERNOR.
09/20/2013 Signed by GOVERNOR.
09/20/2013 Chaptered by Secretary of State. Chapter No. 313

CA SB 7

AUTHOR: Steinberg [D]
TITLE: Public Works: Charter Cities
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 12/03/2012
ENACTED: 10/13/2013
DISPOSITION: Enacted
LOCATION: Chaptered
CHAPTER: 794
SUMMARY:
Prohibits a charter city from receiving or using state funding or financial assistance for a construction project if the city has a charter provision or ordinance that authorizes a contractor to not comply with prevailing wage provisions on any public works contract. Prohibits state funding assistance for such projects for a specified period. Authorizes such assistance for a city with an ordinance requiring prevailing wages. Provides a minimum contract threshold for such requirement.

STATUS:
10/13/2013 Chaptered by Secretary of State. Chapter No. 794

CA SB 13

AUTHOR: Beall [D]
TITLE: Public Employees' Retirement Benefits
FISCAL COMMITTEE: no
URGENCY CLAUSE: yes
INTRODUCED: 12/03/2012
ENACTED: 10/04/2013
DISPOSITION: Enacted
LOCATION: Chaptered
CHAPTER: 528
SUMMARY: Corrects an erroneous cross-reference in the Public Employees’ Pension Reform Act of 2013 regarding the Judges’ Retirement System I and II defined benefit formula adoption. Amends the act regarding employer defined benefit formulas to new safety members. Relates to contribution rates for defined pension plans. Repeals provisions regarding disability retirements. Relates to state miscellaneous or industrial members service credit. Relates to public employee bargaining rights.
STATUS: 10/04/2013 Signed by GOVERNOR.
10/04/2013 Chaptered by Secretary of State. Chapter No. 528

CA SB 24
AUTHOR: Walters [R]
TITLE: Public Employees’ Retirement: Benefit Plans
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 12/03/2012
DISPOSITION: Failed
LOCATION: SENATE
SUMMARY: Authorizes a local agency public employer or public retirement system that offers a defined benefit pension plan to offer a benefit formula with a lower benefit factor at normal retirement age and that results in a lower normal cost than the benefit formulas that are currently required, for purposes of addressing a fiscal necessity.
STATUS: 02/03/2014 In SENATE. Returned to Secretary of Senate pursuant to Joint Rule 56.

CA SB 33
AUTHOR: Wolk [D]
TITLE: Infrastructure Financing Districts: Voter Approval
FISCAL COMMITTEE: Infrastructure Financing Districts: Voter Approval
URGENCY CLAUSE: yes
INTRODUCED: 12/03/2012
LAST AMEND: 08/26/2013
DISPOSITION: Pending
FILE: A-5
LOCATION: Assembly Inactive File
SUMMARY: Revises provisions governing infrastructure financing districts. Eliminates the requirement of voter approval for creation of the district and for bond issuance, and authorizes the legislative body to create the district subject to specified procedures. Authorizes the creation of such district subject to specified procedures. Authorizes a district to finance specified actions and project. Prohibits financing until a certain requirement is met. Prohibits assistance to a vehicle dealer or big box retailer.
STATUS: 09/11/2013 In ASSEMBLY. To Inactive File.
CA SB 36

**AUTHOR:** Hueso [D]  
**TITLE:** Internet: Workers' Compensation Insurers: Data  
**FISCAL COMMITTEE:** yes  
**URGENCY CLAUSE:** no  
**INTRODUCED:** 12/04/2012  
**VETOED:** 10/13/2013  
**DISPOSITION:** Vetoed  
**LOCATION:** Vetoed  
**SUMMARY:** Requires the Department of Insurance to include on its Internet Web site a dedicated Internet Web page that includes workers' compensation data, statistics, and reports covering insurers. Requires the department to only use data already collected by the department or the Department of Industrial Relations. Authorizes the Department to provide on its Web site links to relevant information on other Internet Web sites.  
**STATUS:** 10/13/2013 Vetoed by GOVERNOR.

CA SB 39

**AUTHOR:** De Leon [D]  
**TITLE:** Local Agencies: Public Officers: Claims and Liability  
**FISCAL COMMITTEE:** no  
**URGENCY CLAUSE:** yes  
**INTRODUCED:** 12/05/2012  
**ENACTED:** 10/12/2013  
**DISPOSITION:** Enacted  
**LOCATION:** Chaptered  
**CHAPTER:** 775  
**SUMMARY:** Requires the forfeiture of a contractual, common law, constitutional, or statutory claim against a local public agency employer to retirement or pension rights or benefits by a local public officer who exercised discretionary authority and who was convicted of a felony for conduct arising out of, or in the performance of, his or her official duties.  
**STATUS:** 10/12/2013 Chaptered by Secretary of State. Chapter No. 775

CA SB 40

**AUTHOR:** Pavley [D]  
**TITLE:** Safe, Clean, and Reliable Drinking Water Supply Act  
**FISCAL COMMITTEE:** yes  
**URGENCY CLAUSE:** yes  
**INTRODUCED:** 12/10/2012  
**LAST AMEND:** 01/06/2014  
**DISPOSITION:** Failed  
**LOCATION:** SENATE  
**SUMMARY:** Changes the name of the Safe, Clean, and Reliable Drinking Water Supply Act of 2012 to the Safe, Clean, and Reliable Drinking Water Supply Act of 2014. Declares the intent of the Legislature to amend the act for the purpose of reducing and potentially refocusing the bond.  
**STATUS:** 02/03/2014 In SENATE. Returned to Secretary of Senate pursuant to Joint Rule 56.
CA SB 42

**Author:** Wolk [D]
**Title:** Safe Drinking Water, Water Quality, Flood Protection
**Fiscal Committee:** yes
**Urgency Clause:** yes
**Introduced:** 12/11/2012
**Last Amend:** 09/11/2013
**Disposition:** Failed
**Location:** SENATE

Enacts the Safe Drinking Water, Water Quality, and Flood Protection Act of 2014, which, if adopted by the voters, would authorize the issuance of bonds in a specified amount pursuant to the State General Obligation Bond Law to finance a safe drinking water, water quality, and flood protection program.

**Status:**
02/03/2014 In SENATE. Returned to Secretary of Senate pursuant to Joint Rule 56.

CA SB 96

**Author:** Budget and Fiscal Review Cmt
**Title:** Budget Act of 2013: Public Resources
**Fiscal Committee:** no
**Urgency Clause:** no
**Introduced:** 01/10/2013
**Enacted:** 09/26/2013
**Disposition:** Enacted
**Location:** Chaptered
**Chapter:** 356

Summary:
Relates to cigarette and tobacco tax funds for natural areas and ecological reserves, funds for managing state lands wildlife restoration, hazardous waste facilities fees, hazardous waste storage fees, school bus retrofit funding, fire emergency reporting, beverage container recycling centers, electricity charge for research and development, clean energy bonds and funding, carpet and paint stewardships, environmental education, electric grid security, utility violation fines, and hydroelectric power.

**Status:**
09/26/2013 Signed by GOVERNOR.
09/26/2013 Chaptered by Secretary of State. Chapter No. 356

CA SB 123

**Author:** Corbett [D]
**Title:** Environmental and Land-Use Court
**Fiscal Committee:** yes
**Urgency Clause:** no
**Introduced:** 01/18/2013
**Last Amend:** 05/02/2013
**Disposition:** Failed
**Location:** SENATE

Summary:
Requires the Judicial Council to direct the creation of an environmental and land-use division within the Superior Courts selected by the Council to process civil proceedings brought pursuant to the California Environmental Quality Act or in specified subject areas, including air quality, biological resources, climate change, hazards and hazardous materials, land use planning, and water quality. Increases the fees for environmental license plates with revenue for the
environmental and land use court.

**STATUS:**

02/03/2014 In SENATE. Returned to Secretary of Senate pursuant to Joint Rule 56.

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**CA SB 135**

**AUTHOR:** Padilla [D]
**TITLE:** Earthquake Early Warning System
**FISCAL COMMITTEE:** yes
**URGENCY CLAUSE:** no
**INTRODUCED:** 01/28/2013
**ENACTED:** 09/24/2013
**DISPOSITION:** Enacted
**LOCATION:** Chaptered
**CHAPTER:** 342

**SUMMARY:**

Requires the Office of Emergency Services to develop a comprehensive statewide earthquake warning system in the state through a public-private partnership. Requires the system to include certain features, including the installation of field sensors. Requires an approval mechanism to review compliance with earthquake early warning standards. Requires identification of funding sources. Prohibits expenditure of General Fund funds to establish the system.

**STATUS:**

09/24/2013 Signed by GOVERNOR.
09/24/2013 Chaptered by Secretary of State. Chapter No. 342

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**CA SB 167**

**AUTHOR:** Gaines T [R]
**TITLE:** California Environmental Quality Act
**FISCAL COMMITTEE:** no
**URGENCY CLAUSE:** no
**INTRODUCED:** 02/04/2013
**DISPOSITION:** Failed
**LOCATION:** SENATE

**SUMMARY:**

Makes technical, nonsubstantive changes to provisions of the California Environmental Quality Act that requires a lead agency to prepare an environmental impact report on a project that it proposes to carry out that may have a significant effect on the environment.

**STATUS:**

02/03/2014 In SENATE. Returned to Secretary of Senate pursuant to Joint Rule 56.

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**CA SB 171**

**AUTHOR:** Hueso [D]
**TITLE:** Drainage: Coachella Valley County Water District
**FISCAL COMMITTEE:** no
**URGENCY CLAUSE:** no
**INTRODUCED:** 02/05/2013
**ENACTED:** 08/16/2013
**DISPOSITION:** Enacted
**LOCATION:** Chaptered
**CHAPTER:** 119

**SUMMARY:**

Specifies that the Coachella Valley Water District is authorized to raise funds by
special assessment or by adopting prescribed property related fees and charges.

CA SB 184

AUTHOR: Governance and Finance Cmt
TITLE: Local Government: Omnibus Bill
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/06/2013
ENACTED: 09/06/2013
DISPOSITION: Enacted
LOCATION: Chaptered
CHAPTER: 210

SUMMARY:
Relates to the procedures governing the offering of subdivided lands for sale or lease, the definition of family member and domestic partner under the Public Cemetery District Law, the provisions of law regarding the abuse of public office or position to include bribery of a Member of the Legislature, subdivision map provisions, facsimile signatures and the county recorder, historical property use contracts recording, the Baldwin Hill Conservancy, and the Ventura County Resource Conservation District.

CA SB 215

AUTHOR: Beall [D]
TITLE: Public Employee Benefits
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/11/2013
ENACTED: 10/12/2013
DISPOSITION: Enacted
LOCATION: Chaptered
CHAPTER: 778

SUMMARY:
Amends the Public Employees' Retirement System (PERS). Relates to reimbursing employing agency for paying employee board member that is attending PERS board meeting, investments, benefit payment reporting and the definition of employee. Relates to the approval process for a contracting agency to obtain a health benefit plan, the designation of a beneficiary, and the Highway Patrol Commissioner retirement age requirement. Authorizes recorded member account telephone communications regulations.

CA SB 246

AUTHOR: Fuller [R]
TITLE: Bighorn-Desert View Water Agency
FISCAL COMMITTEE: no
URGENCY CLAUSE: no
INTRODUCED: 02/12/2013
ENACTED: 09/24/2013
DISPOSITION: Enacted
LOCATION: Chaptered
CHAPTER: 343
SUMMARY:
Makes conforming changes related to the consolidated Bighorn-Desert View Water Agency District. Repeals provisions under which the consolidation was completed. Specifies procedures for the repayment of bonded indebtedness incurred prior to consolidation. Eliminates the misdemeanor for violations or ordinances. Makes a violation of certain regulations an infraction instead of a misdemeanor. Requires a budget. Relates to meetings and writings of public agencies and officials. Relates to posting limitations.
STATUS:
09/24/2013 Signed by GOVERNOR.
09/24/2013 Chaptered by Secretary of State. Chapter No. 343

CA SB 322

AUTHOR: Hueso [D]
TITLE: Water Recycling
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/19/2013
ENACTED: 10/08/2013
DISPOSITION: Enacted
LOCATION: Chaptered
CHAPTER: 637
SUMMARY:
Requires the State Department of Public Health to investigate the feasibility of developing uniform water recycling criteria for direct potable reuse. Requires the department to convene a panel to establish regulatory criteria for such reuse. Requires the panel to include a limnologist. Requires convening of a related advisory group, task force, or other group. Authorizes the department to contract with a public university or other research institution. Authorizes acceptance of funds from nonstate sources.
STATUS:
10/08/2013 Signed by GOVERNOR.
10/08/2013 Chaptered by Secretary of State. Chapter No. 637
NOTES: SDCWA Position: Sponsor (started in the Assembly as AB 613)

CA SB 387

AUTHOR: Wright [D]
TITLE: Coastal Resources: Once-Through Cooling
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/20/2013
DISPOSITION: Failed
LOCATION: SENATE
SUMMARY:
Requires State Water Resources Control Board to authorize the process of once-through cooling on existing powerplant facilities to the extent allowable by federal laws, including any federal regulations adopted by the United States Environmental Protection Agency.
STATUS:
02/03/2014 In SENATE. Returned to Secretary of Senate pursuant to Joint Rule 56.
<table>
<thead>
<tr>
<th>Bill Number</th>
<th>Author</th>
<th>Title</th>
<th>Fiscal Committee</th>
<th>Urgency Clause</th>
<th>Introduced</th>
<th>Last Amend</th>
<th>Disposition</th>
<th>Location</th>
<th>Summary</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>CA SB 395</td>
<td>Jackson [D]</td>
<td>Hazardous Waste: Wells</td>
<td>yes</td>
<td>no</td>
<td>02/20/2013</td>
<td>05/28/2013</td>
<td>Failed</td>
<td>SENATE</td>
<td>Amends part of the Hazardous Waste Control Law that prohibits a person from discharging hazardous waste into an injection well unless certain conditions are met and imposes other requirements upon the operator of such well and defines injection for these purposes as excluding wells regulated by the Division of Oil and Gas. Deletes the exclusion of those regulated wells from the definition of injection well. Requires testing of the waste. Specifies that oil field waste does not include hazardous waste.</td>
<td>In SENATE. Died on file pursuant to Joint Rule 56.</td>
</tr>
<tr>
<td>CA SB 425</td>
<td>DeSaulnier [D]</td>
<td>Public Works: the Public Works Peer Review Act of 2013</td>
<td>yes</td>
<td>no</td>
<td>02/21/2013</td>
<td>09/06/2013</td>
<td>Enacted</td>
<td>Chaptered</td>
<td>Allows a public agency, principally tasked with administering, planning, developing, and operating a public works project, to establish a specified peer review group. Requires the administering agency, if a peer group is established, to draft a charter, published on the agency's Internet Web site, related to the duties of the peer review group.</td>
<td>Signed by GOVERNOR.</td>
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<td>Chaptered by Secretary of State. Chapter No. 252 SDCWA Position: Watch (3-28-2013)</td>
</tr>
<tr>
<td>CA SB 429</td>
<td>Hernandez E [D]</td>
<td>San Gabriel Basin Water Quality Authority Act</td>
<td>yes</td>
<td>no</td>
<td>02/21/2013</td>
<td>09/06/2013</td>
<td>Enacted</td>
<td>Chaptered</td>
<td>Amends the law that establishes the San Gabriel Basin Water Quality Authority Act. Extends the date of repeal of the Act.</td>
<td>Signed by GOVERNOR.</td>
</tr>
</tbody>
</table>
CA SB 449

09/06/2013  Chaptered by Secretary of State.  Chapter No. 214

**AUTHOR:** Galgiani [D]

**TITLE:** Local Water Supply Programs or Projects: Funding

**FISCAL COMMITTEE:** yes

**URGENCY CLAUSE:** no

**INTRODUCED:** 02/21/2013

**LAST AMEND:** 08/14/2013

**DISPOSITION:** Failed

**LOCATION:** SENATE

**SUMMARY:**
Requires the Department of Water Resources to conduct a statewide inventory of local regional water supply projects and post specified results of the inventory on the Department's Internet Web site.

**STATUS:**
02/03/2014  In SENATE.  Returned to Secretary of Senate pursuant to Joint Rule 56.

CA SB 474

**AUTHOR:** Nielsen [R]

**TITLE:** Appropriation of Water: Sewerage Commission Oroville

**FISCAL COMMITTEE:** yes

**URGENCY CLAUSE:** no

**INTRODUCED:** 02/21/2013

**DISPOSITION:** Failed

**LOCATION:** SENATE

**SUMMARY:**
Authorizes the Sewerage Commission Oroville to file an application for a permit to appropriate a specified amount of water that is based on the volume of treated wastewater that it discharges into the Feather River. Authorizes the State Water Resources Control Board to grant a permit to appropriate that treated wastewater upon terms and conditions determined by the Board. Requires the Board to comply with permit, approval, and review requirements and other laws applicable to the appropriation of water.

**STATUS:**
02/03/2014  In SENATE.  Returned to Secretary of Senate pursuant to Joint Rule 56.

CA SB 481

**AUTHOR:** Huff [R]

**TITLE:** California Public Employees Pension Reform Act of 2013

**FISCAL COMMITTEE:** no

**URGENCY CLAUSE:** no

**INTRODUCED:** 02/21/2013

**DISPOSITION:** Failed

**LOCATION:** SENATE

**SUMMARY:**
Makes a nonsubstantive change to the California Public Employees' Pension Reform Act of 2013.

**STATUS:**
02/03/2014  In SENATE.  Returned to Secretary of Senate pursuant to Joint Rule 56.

CA SB 489

**AUTHOR:** Fuller [R]

**TITLE:** Water Corporations: Sewer System Corporations
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/21/2013
LAST AMEND: 04/02/2013
DISPOSITION: Failed
LOCATION: SENATE
SUMMARY:
Relates to water corporations and sewer system corporations. Authorizes the Public Utilities Commission to appoint, as an alternative to the appointment of a receiver, another water or sewer system corporation, or other qualified entity, to serve as the interim operator of the corporation providing inadequate service. Requires the commission to issue decisions and orders necessary for the interim entity to abate any danger to the public and to provide adequate service to the customers.
STATUS:
02/03/2014 In SENATE. Returned to Secretary of Senate pursuant to Joint Rule 56.

CA SB 497
AUTHOR: Walters [R]
TITLE: California Global Warming Solutions Act of 2006: Fees
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/21/2013
LAST AMEND: 04/15/2013
DISPOSITION: Failed
LOCATION: SENATE
SUMMARY:
Amends the California Global Warming Solutions Act of 2006. Requires the State Air Resources Board to freely allocate greenhouse emissions allowances to the California State University, University of California and private colleges and universities for purposes of any market-based compliance mechanism adopted by the board.
STATUS:
02/03/2014 In SENATE. Returned to Secretary of Senate pursuant to Joint Rule 56.

CA SB 548
AUTHOR: Roth [D]
TITLE: Public Utilities: Renewables Portfolio Standard
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/22/2013
DISPOSITION: Failed
LOCATION: SENATE
SUMMARY:
Provides that for certain publicly owned electric utilities that provide electricity to retail end-use consumers, electricity products from eligible renewable energy resources may be used for compliance with the portfolio content requirements.
STATUS:
02/03/2014 In SENATE. Returned to Secretary of Senate pursuant to Joint Rule 56.

CA SB 553
AUTHOR: Yee [D]
TITLE: Local Government: Assessment: Elections Procedures
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/22/2013
ENACTED: 09/06/2013
DISPOSITION: Enacted
LOCATION: Chaptered
CHAPTER: 215
SUMMARY:
Relates to property assessments and fees. Requires, where a proposed fee or charge is submitted to the registered voters residing in the affected area for approval, a county elections official shall conduct that election. Requires specific procedures for submission of a proposed fee or charge for approval by a vote of the subject property owners. Provides for procedures regarding the form and tabulation of ballots.
STATUS:
09/06/2013 Signed by GOVERNOR.
09/06/2013 Chaptered by Secretary of State. Chapter No. 215

CA SB 556

AUTHOR: Padilla [D]
TITLE: Agency: Ostensible: Nongovernmental Entities
FISCAL COMMITTEE: no
URGENCY CLAUSE: no
INTRODUCED: 02/22/2013
LAST AMEND: 08/07/2014
DISPOSITION: Pending
FILE: 99
LOCATION: Assembly Third Reading File
SUMMARY:
Relates to third person contracts and ostensible agencies. Prohibits, for contracts after a specified date, a nongovernmental person, firm, corporation, or association that contracts to perform labor or services relating to public health or safety for a public entity from displaying on a vehicle or uniform a logo that reasonably could be interpreted as implying the labor or services are being performed by employees of a public agency, unless certain conditions are met. Prohibits mandating such activity.
STATUS:
08/07/2014 In ASSEMBLY. Read third time and amended. To third reading.

CA SB 591

AUTHOR: Cannella [R]
TITLE: Renewable Energy: Utilities: Hydroelectric Enforcement
FISCAL COMMITTEE: no
URGENCY CLAUSE: no
INTRODUCED: 02/22/2013
ENACTED: 10/03/2013
DISPOSITION: Enacted
LOCATION: Chaptered
CHAPTER: 520
SUMMARY:
Amends the State Renewables Portfolio Standard Program. Provides that a local publicly owned electric utility is not required to procure additional eligible renewable energy resources in excess of specified levels, if it receives 50% or greater of its annual retail sales from its own hydroelectric generation meeting
specified requirements.

**STATUS:**

10/03/2013 Signed by GOVERNOR.

10/03/2013 Chaptered by Secretary of State. Chapter No. 520

### CA SB 608

**AUTHOR:** Wright [D]

**TITLE:** Adverse Possession: Public Entity Properties

**FISCAL COMMITTEE:** yes

**URGENCY CLAUSE:** no

**INTRODUCED:** 02/22/2013

**DISPOSITION:** Failed

**LOCATION:** SENATE

**SUMMARY:**

Provides that a nonpublic entity has no right under the doctrine of adverse possession to possess, occupy, or own public property or claim a public property by adverse possession. Prohibits a public entity from selling real property or conveying a durable interest except by official action.

**STATUS:**

02/03/2014 In SENATE. Returned to Secretary of Senate pursuant to Joint Rule 56.

### CA SB 614

**AUTHOR:** Wolk [D]

**TITLE:** Local Government: Changes: Infrastructure Financing

**FISCAL COMMITTEE:** no

**URGENCY CLAUSE:** no

**INTRODUCED:** 02/22/2013

**LAST AMEND:** 06/16/2014

**DISPOSITION:** Pending

**FILE:** 79

**LOCATION:** Assembly Third Reading File

**SUMMARY:**

Requires that a proposal for a change of organization or reorganization is submitted to a local government organization commission, that the applicant submit a plan for providing services within the affected territory, and to include a plan to improve or upgrade structures, roads, sewers and water facilities to serve a disadvantaged, unincorporated community, and to agree on a plan for financing services that may provide that levied taxes, be divided between the entities that consent to the plan.

**STATUS:**

06/30/2014 In ASSEMBLY. Read second time. To third reading.

### CA SB 617

**AUTHOR:** Evans [D]

**TITLE:** California Environmental Quality Act

**FISCAL COMMITTEE:** yes

**URGENCY CLAUSE:** no

**INTRODUCED:** 02/22/2013

**LAST AMEND:** 05/28/2013

**DISPOSITION:** Failed

**LOCATION:** SENATE

**SUMMARY:**

Amends various provisions of the California Environmental Quality Act. Requires that notices regarding environmental impact reports filed by lead agencies need to be filed with the Office of Planning and Research and the county clerk and
posted by that clerk for public review. Provides additional duties regarding notices by the Office and the clerk. Requires a statement in the report regarding the placement of the project near natural hazards or adverse environment conditions. Repeals specified exemptions.

STATUS: 02/06/2014

NOTES: In SENATE. Died on file pursuant to Joint Rule 56.
SDCWA Position: Oppose (4-25-13)

CA SB 620

AUTHOR: Wright [D]
TITLE: Water Replenishment Districts
FISCAL COMMITTEE: no
URGENCY CLAUSE: no
INTRODUCED: 02/22/2013
ENACTED: 10/08/2013
DISPOSITION: Enacted
LOCATION: Chaptered
CHAPTER: 638
SUMMARY: Amends the Water Replenishment District Act. Eliminates a requirement that a specified percentage of a district reserve fund be expended for water purchases. Provides that an operator of a water-producing facility is liable to a district for a specified financial penalty for failing to be registered with the district or to make specified reports. Requires a district to establish a budget advisory committee. Relates to the awarding of attorney's fees in related civil actions.

STATUS: 10/08/2013

CA SB 633

AUTHOR: Pavley [D]
TITLE: State Parks
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/22/2013
LAST AMEND: 08/04/2014
DISPOSITION: Pending
COMMITTEE: Assembly Appropriations Committee
HEARING: 08/14/2014
SUMMARY: Requires the Department of Parks and Recreation to make a report to the Legislature addressing the Department's energy costs, projects that could reduce those costs, and potential energy-related infrastructure projects. Requires the Department to establish a pilot program for mobile food and beverage services and to report on the suitability, increase in visitation, and visitor satisfaction. Relates to the sales of park passes through vendors. Allows a taxpayer to make a parks related donation.

STATUS: 08/06/2014

CA SB 658

AUTHOR: Correa [D]
TITLE: Orange County Water District Act
FISCAL COMMITTEE: no
URGENCY CLAUSE: yes
### CA SB 726

**INTRODUCED:** 02/22/2013  
**LAST AMEND:** 05/15/2013  
**DISPOSITION:** Failed  
**LOCATION:** SENATE  
**SUMMARY:**
Relates to the Orange County Water District Act that requires the person causing or threatening to cause the contamination or pollution to the surface or groundwaters of the district to be liable to the district for reasonable costs actually incurred in cleaning up or containing the contamination or pollution, abating the effects of the contamination or pollution, or taking other remedial action. Makes that person also liable for costs in investigating the contamination and pollution.

**STATUS:** 02/06/2014 In SENATE. Died on file pursuant to Joint Rule 56.

**AUTHOR:** Lara [D]  
**TITLE:** California Global Warming Solutions Act of 2006  
**FISCAL COMMITTEE:** yes  
**URGENCY CLAUSE:** no  
**INTRODUCED:** 02/22/2013  
**ENACTED:** 09/28/2013  
**DISPOSITION:** Enacted  
**LOCATION:** Chaptered  
**CHAPTER:** 420  
**SUMMARY:**
Relates to greenhouse gases. Relates to the California Global Warming Solutions Act of 2006 and the use of market-based compliance mechanisms. Requires the State Air Resource Board to include information on all proposed expenditures and allocations of moneys to the Western Climate Initiative, Incorporated, in the Governor's Budget. Requires the Board to report on specified procurements. Requires compliance with open meetings and public records policies.

**STATUS:** 09/28/2013 Chaptered by Secretary of State. Chapter No. 420

### CA SB 731

**INTRODUCED:** 02/22/2013  
**LAST AMEND:** 09/09/2013  
**DISPOSITION:** Pending  
**LOCATION:** Assembly Second Reading File  
**SUMMARY:**
Relates to the State Environmental Quality Act. Provides that certain impacts of a residential, mixed-use, or employment center project within a transit priority area shall not be considered significant impacts. Requires guidelines for thresholds of significance for noise and transportation impacts to be made available. Requires preparation of environmental impact reports. Extends the tolling of time for judicial actions and mitigation measures. Relates to sustainable communities planning and grants.

**STATUS:** 09/11/2013 From ASSEMBLY Committee on LOCAL GOVERNMENT: Do pass as amended. (9-0)
CA SB 735

**AUTHOR:** Wolk [D]

**TITLE:** Sacramento-San Joaquin Delta Reform Act

**FISCAL COMMITTEE:** yes

**URGENCY CLAUSE:** no

**INTRODUCED:** 02/22/2013

**LAST AMEND:** 05/24/2013

**DISPOSITION:** Pending

**LOCATION:** Assembly Water, Parks and Wildlife Committee

**SUMMARY:** Amends existing law that establishes the Delta Stewardship Council to create a Delta management plan. Authorizes prescribed local entities to enter into a memorandum of understanding or other written agreement with the council and the Department of Fish and Wildlife regarding multispecies conservation plans that describes how the parties would ensure that multispecies conservation plans that have been adopted or are under development are consistent with the Delta Plan.

**STATUS:**

08/13/2013 In ASSEMBLY Committee on WATER, PARKS AND WILDLIFE:
Not heard.

CA SB 739

**AUTHOR:** Calderon R [D]

**TITLE:** Environmental Quality

**FISCAL COMMITTEE:** no

**URGENCY CLAUSE:** no

**INTRODUCED:** 02/22/2013

**DISPOSITION:** Failed

**LOCATION:** SENATE

**SUMMARY:** Makes a technical, nonsubstantive change to the definition of local agency for the purposes of the California Environmental Quality Act.

**STATUS:**

02/03/2014 In SENATE. Returned to Secretary of Senate pursuant to Joint Rule 56.

CA SB 750

**AUTHOR:** Wolk [D]

**TITLE:** Building Standards: Water Meters: Multiunits

**FISCAL COMMITTEE:** no

**URGENCY CLAUSE:** no

**INTRODUCED:** 02/22/2013

**LAST AMEND:** 08/08/2013

**DISPOSITION:** Pending

**LOCATION:** Assembly Water, Parks and Wildlife Committee

**SUMMARY:** Requires a water purveyor providing water service to new multiunit residential or mixed use structures to require water measurement to each unit and to permit measurement to be by water meters or submeters. Requires submeters to comply with existing laws and regulations. Prohibits purveyor fees for submeters installed by the owner. Imposes certain requirements on landlords in related to the submetered water service. Relates to separate charge notification to tenant. Authorizes damages for violations.

**STATUS:**

08/13/2013 In ASSEMBLY Committee on WATER, PARKS AND WILDLIFE:
08/13/2013
In ASSEMBLY Committee on WATER, PARKS AND WILDLIFE: Reconsideration granted.

NOTES:
SDCWA Position: Support, if amended  (6-27-13)

CA SB 751
AUTHOR: Yee [D]
TITLE: Meetings: Publication of Action Taken
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/22/2013
ENACTED: 09/06/2013
DISPOSITION: Enacted
LOCATION: Chaptered
CHAPTER: 257
SUMMARY:
Amends the Ralph M. Brown Act that requires all meetings of the legislative body of a local agency to be open and public and prohibits that body from taking action by secret ballot, whether preliminary of final. Requires that the legislative body of a local agency to publicly report any action taken and the vote or abstention of that action of each member present for the action.

STATUS:
09/06/2013 Signed by GOVERNOR.
09/06/2013 Chaptered by Secretary of State.  Chapter No. 257

CA SB 754
AUTHOR: Evans [D]
TITLE: Environmental Quality Act
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/22/2013
LAST AMEND: 05/06/2013
DISPOSITION: Failed
LOCATION: SENATE
SUMMARY:
Amends the California Environmental Quality Act. Authorizes a person meeting specified requirements to bring an action or proceeding to enforce the implementation of the mitigation measures specified in a reporting and monitoring program if a project applicant fails to implement those measures. Prohibits a project proponent to contract for, direct or prepare the initial study, environmental impact report or negative declaration. Prohibits the use of a prior EIR for specified purposes.

STATUS:
02/03/2014 In SENATE.  Returned to Secretary of Senate pursuant to Joint Rule 56.

CA SB 765
AUTHOR: Block [D]
TITLE: Public Employees: Collective Bargaining
FISCAL COMMITTEE: no
URGENCY CLAUSE: no
INTRODUCED: 02/22/2013
VETOED: 08/19/2013
DISPOSITION: Vetoed
LOCATION: Vetoed
SUMMARY:
Vetoed
Permits a public school supervisory peace officer employee to join or participate in an employee organization and negotiating unit that is composed of nonsupervisory peace officers if the representation has been agreed to by the supervisory employee representative, the nonsupervisory peace officer representative, and the employer and the Public Employment Relations Board is so notified.

**STATUS:**
08/19/2013 Vetoed by GOVERNOR.

**CA SB 772**
**AUTHOR:** Roth [D]
**TITLE:** County Water Company of Riverside: Liability
**FISCAL COMMITTEE:** yes
**URGENCY CLAUSE:** yes
**INTRODUCED:** 02/22/2013
**LAST AMEND:** 01/06/2014
**DISPOSITION:** Failed
**LOCATION:** SENATE

Relates to an exemption for the Elsinor Valley Municipal Water District and the Eastern Municipal Water District from liability for claims by past or existing County Water Company of Riverside concerning the operation and supply of water during an interim operation period for any good faith, reasonable effort using ordinary care to assume possession of, and to operate an supply water to the company's water system. Provides immunity for future customer claims.

**STATUS:**
02/03/2014 In SENATE. Returned to Secretary of Senate pursuant to Joint Rule 56.

**CA SB 776**
**AUTHOR:** Corbett [D]
**TITLE:** Public Works: Prevailing Wage Rates: Credits
**FISCAL COMMITTEE:** no
**URGENCY CLAUSE:** no
**INTRODUCED:** 02/22/2013
**ENACTED:** 08/27/2013
**DISPOSITION:** Enacted
**LOCATION:** Chaptered
**CHAPTER:** 169

Makes changes to provisions specifying that certain employer payments are a credit against an obligation to pay the general prevailing rate of per diem wages, including certain benefits payments and payments to the Apprenticeship Council. Provides the conditions under which the employer may take credit for the payments. Prohibits credit from being granted for payments made to enforce laws related to public works if those payments are not required by a collective bargaining agreement.

**STATUS:**
08/27/2013 Signed by GOVERNOR.
08/27/2013 Chaptered by Secretary of State. Chapter No. 169

**CA SB 783**
**AUTHOR:** De Leon [D]
**TITLE:** Clean Water, Urban Parks, and Environmental Health Act
**FISCAL COMMITTEE:** no
**URGENCY CLAUSE:** no
Declares the intent of the Legislature to enact legislation that would improve the economy, the natural environment, and increase and improve access opportunities to physical fitness, by enacting the California Clean Water, Safe Urban Parks, and Environmental Health Investment Act of 2014.

Repeals certain authorizations and enacts provisions that would authorize the Department of General Services, the Department of Corrections and Rehabilitation, and certain local agencies to use the design-build procurement process for specified public works. Authorizes the use of such process by the Marin Healthcare District when contracting for building and improvements construction to a hospital or health facility at the Marin General Hospital.

Enacts the Sustainable Environmental Protection Act. Specifies the environmental review required pursuant for projects related to specified environmental topical areas. Prohibits certain causes of action. Provides that the Act only applies if a lead agency or project applicant has agreed to provide to the public an annual compliance report.
CA SB 825

AUTHOR: Governance and Finance Cmt
TITLE: Government Finance
FISCAL COMMITTEE: no
URGENCY CLAUSE: no
INTRODUCED: 03/20/2013
ENACTED: 10/05/2013
DISPOSITION: Enacted
LOCATION: Chaptered
CHAPTER: 607
SUMMARY: Requires a public agency to accept a corporate check, cashier’s check, money order, or other draft method for payment of designated obligations and to impose a charge for any type of returned check or other authorized payment method that is not honored. Requires a private property owner to notify the county assessor if certain events occur. Relates to the assessment of contiguous properties in multiple tax districts. Adds information regarding assessments to tax bills. Requires notification of seniors.
STATUS: 10/05/2013 Chaptered by Secretary of State. Chapter No. 607

CA SB 834

AUTHOR: Huff [R]
TITLE: Sustainable Environmental Protection Act
FISCAL COMMITTEE: yes
URGENCY CLAUSE: yes
INTRODUCED: 01/06/2014
LAST AMEND: 03/20/2014
DISPOSITION: Pending
LOCATION: Senate Environmental Quality Committee
SUMMARY: Enacts the Sustainable Environmental Protection Act. Specifies the environmental review of projects pursuant to the California Environmental Quality Act (CEQA) is required to consider only specified environmental topic areas. Provides this legislation would prohibit a judicial action or proceeding challenging an action taken place by a lead agency on the ground of noncompliance of specified CEQA procedures. Provides the conditions under which the Sustainable Environmental Protection Act applies.
STATUS: 03/26/2014 In SENATE Committee on ENVIRONMENTAL QUALITY: Not heard.
CA SB 848

AUTHOR: Wolk [D]
TITLE: Safe Drinking Water, Water Quality, and Water Supply
FISCAL COMMITTEE: yes
URGENCY CLAUSE: yes
INTRODUCED: 01/09/2014
LAST AMEND: 07/03/2014
DISPOSITION: Pending
FILE: 39
LOCATION: Senate Third Reading File
SUMMARY:

Repeals the provisions of existing law that created the Safe, Clean, and Reliable Drinking Water Supply Act of 2012. Enacts the Safe Drinking Water, Water Quality, and Flood Protection Act of 2014 which would authorize the issuance of bonds pursuant to the State General Obligation Bond Law to finance a safe drinking water, water quality and water supply program. Provides for the submission of the bond act to the voters.

STATUS:
08/04/2014 In SENATE. Read second time. To third reading.

Commentary:
SDCWA Position: Oppose unless amended (2-27-14)

CA SB 866

AUTHOR: Wolk [D]
TITLE: Water Quality, Supply, and Infrastructure Improvement
FISCAL COMMITTEE: yes
URGENCY CLAUSE: yes
INTRODUCED: 01/09/2014
LAST AMEND: 08/11/2014
DISPOSITION: Pending
FILE: 144
LOCATION: Assembly Third Reading File
SUMMARY:

Repeals provisions that creates the Safe, Clean, and Reliable Drinking Water Supply Act of 2012. Enacts the Water Quality, Supply, and Infrastructure Improvement Act of 2014 to authorize the issuance of bonds in a specified amount pursuant to the State General Obligation Bond Law to finance a water quality, supply, and infrastructure program. Reallocates a specified portion of the funds for the purposes of for specified propositions for the same purposes.

STATUS:
08/11/2014 Withdrawn from ASSEMBLY Committee on BUDGET. Ordered to third reading.
08/11/2014 In ASSEMBLY. Read third time and amended. To third reading.

CA SB 927

AUTHOR: Cannella [R]
TITLE: Safe, Clean, and Reliable Drinking Water Supply Act
FISCAL COMMITTEE: yes
URGENCY CLAUSE: yes
INTRODUCED: 01/29/2014
DISPOSITION: Pending
LOCATION: Senate Natural Resources and Water Committee
SUMMARY:

Renames the Safe, Clean, and Reliable Drinking Water Supply Act of 2012 as the Safe, Clean, and Reliable Drinking Water Supply Act of 2014 and makes
conforming changes. Authorizes the issuance of bonds in a specified amount by reducing the amount available for projects related to drought relief and water supply reliability.

**STATUS:**

04/22/2014 In SENATE Committee on NATURAL RESOURCES AND WATER: Failed passage.

04/22/2014 In SENATE Committee on NATURAL RESOURCES AND WATER: Reconsideration granted.

**Commentary:**

SDCWA Position: Support if amended (2-27-14)

### CA SB 985

**AUTHOR:** Pavley [D]

**TITLE:** Stormwater Resource Planning

**FISCAL COMMITTEE:** yes

**URGENCY CLAUSE:** no

**INTRODUCED:** 02/11/2014

**LAST AMEND:** 06/24/2014

**DISPOSITION:** Pending

**COMMITTEE:** Assembly Appropriations Committee

**HEARING:** 08/14/2014

**SUMMARY:**

Amends the Stormwater Resource Planning Act. Requires a stormwater resources plan to identify and prioritize the use of lands or easements in public ownership for stormwater and dry weather runoff on- or off-site projects. Eliminates the requirement such a plan be consistent with any applicable integrated regional water management plan. Requires an entity developing a plan to identify opportunities to use existing publicly owned lands and easements to capture, clean, store, and use stormwater and runoff.

**STATUS:**

08/06/2014 In ASSEMBLY Committee on APPROPRIATIONS: To Suspense File.

### CA SB 992

**AUTHOR:** Nielsen [R]

**TITLE:** Common Interest Developments: Property and Maintenance

**FISCAL COMMITTEE:** no

**URGENCY CLAUSE:** yes

**INTRODUCED:** 02/12/2014

**LAST AMEND:** 05/28/2014

**DISPOSITION:** Pending

**FILE:** 68

**LOCATION:** Assembly Third Reading File

**SUMMARY:**

Prohibits a common interest development association from imposing a fine or assessment on separate interest owners for reducing or eliminating watering of vegetation or lawns during any period for which the Governor has declared a state of emergency due to drought.

**STATUS:**

06/19/2014 In ASSEMBLY. Read second time. To third reading.

**Commentary:**

SDCWA Position: Support and seek amendments (3-27-14)

### CA SB 1036

**AUTHOR:** Pavley [D]

**TITLE:** Urban Water Management Plans
CA SB 1049

AUTHOR: Pavley [D]
TITLE: Integrated Regional Water Management Plans
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/18/2014
LAST AMEND: 04/23/2014
DISPOSITION: Pending
LOCATION: Senate Appropriations Committee
SUMMARY:

Amends the Integrated Regional Water Management Planning Act. Includes projects or programs that reduce energy used to acquire, transport, treat, or distribute water, or that develop and maintain computer models and analytic tools to model regional water management strategies as a regional project or program. Requires a regional water management group to include all water suppliers that are within a watershed area, the area over a groundwater basin or subbasin, or the area within a county's boundaries.

STATUS:
05/23/2014 In SENATE Committee on APPROPRIATIONS: Held in committee.

Commentary:
SDCWA Position: Support if amended (3-27-14)

CA SB 1080

AUTHOR: Fuller [R]
TITLE: Safe, Clean, and Reliable Drinking Water Supply Act
FISCAL COMMITTEE: no
URGENCY CLAUSE: no
INTRODUCED: 02/19/2014
DISPOSITION: Pending
LOCATION: Senate Rules Committee
SUMMARY:

Relates to the Safe, Clean, and Reliable Drinking Water Supply Act of 2012, which, if approved by the voters, would authorize the issuance of bonds in a specified amount. Declares the intent of the Legislature to enact legislation to reduce the bond amount.

STATUS:
02/27/2014 To SENATE Committee on RULES.
CA SB 1086

AUTHOR: De Leon [D]
TITLE: The Safe Neighborhood Parks, Rivers, & Coastal Bond Act
FISCAL COMMITTEE: yes
URGENCY CLAUSE: yes
INTRODUCED: 02/19/2014
LAST AMEND: 05/27/2014
DISPOSITION: Pending
FILE: 36
LOCATION: Senate Third Reading File
SUMMARY:
Enacts the Safe Neighborhood Parks, Rivers, and Coastal Protection Bond Act of 2014, which, if adopted by the voters, would authorize the issuance of bonds in an unspecified amount pursuant to the State General Obligation Bond Law to finance a safe neighborhood parks, rivers, and coastal protection program.
STATUS:
05/27/2014 In SENATE. Read second time and amended. To third reading.

CA SB 1096

AUTHOR: Jackson [D]
TITLE: Coastal Sanctuary: State Lands: Oil and Gas Leases
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/19/2014
LAST AMEND: 07/03/2014
DISPOSITION: Pending
COMMITTEE: Assembly Appropriations Committee
HEARING: 08/14/2014
SUMMARY:
Deletes, under the State Coastal Sanctuary Act of 1994, an authorization for the State Lands Commission to enter into a lease for the extraction of oil or gas from state-owned tide and submerged lands in the State Coastal Sanctuary if the Commission determines that the oil and gas deposits are being drained by means of producing wells upon adjacent federal lands and the lease is in the best interest of the State.
STATUS:
08/06/2014 In SENATE Committee on APPROPRIATIONS: To Suspense File.

CA SB 1120

AUTHOR: Galgiani [D]
TITLE: Local Water Supply Programs or Projects: Funding
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/19/2014
LAST AMEND: 05/27/2014
DISPOSITION: Pending
FILE: 175
LOCATION: Assembly Consent Calendar - Second Legislative Day
SUMMARY:
Requires the Department of Water Resources to conduct a voluntary statewide survey of local regional water supply projects and post specified results of the survey on the department's Internet Web site.
STATUS:
08/11/2014 In ASSEMBLY. Read second time. To Consent Calendar.

CA SB 1121

AUTHOR: De Leon [D]
TITLE: Climate Technology and Infrastructure Financing Act
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/19/2014
LAST AMEND: 07/01/2014
DISPOSITION: Pending
COMMITTEE: Assembly Appropriations Committee
HEARING: 08/14/2014
SUMMARY:
Enacts the State Climate Technology and Infrastructure Financing Act. Requires the development of the Climate Technology and Infrastructure Financing Program to provide financial assistance to eligible greenhouse gas emissions reduction projects. Establishes a related fund for the purposes of the program.

STATUS:
08/06/2014 In ASSEMBLY Committee on APPROPRIATIONS: To Suspense File.

Commentary:
SDCWA Position: Support (24-Jul-14)

CA SB 1122

AUTHOR: Pavley [D]
TITLE: Sustainable Communities: Strategic Growth Council
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/19/2014
LAST AMEND: 05/05/2014
DISPOSITION: Pending
LOCATION: Senate Appropriations Committee
SUMMARY:
Requires the Strategic Growth Council to manage and award financial assistance for the purpose of supporting the implementation of sustainable communities strategies or alternate planning strategies, to be funded by the Greenhouse Gas Reduction Fund. Requires guidelines for funds use. Authorizes such assistance for the development and implementation of agricultural, natural resource, and open space land protection plans consistent with sustainable communities and greenhouse gas emission reduction plans.

STATUS:
05/23/2014 In SENATE Committee on APPROPRIATIONS: Held in committee.

CA SB 1132

AUTHOR: Mitchell [D]
TITLE: Oil and Gas Well Stimulation Treatments
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/20/2014
LAST AMEND: 05/27/2014
DISPOSITION: Failed
LOCATION: SENATE
SUMMARY:
Requires a specified scientific study to be conducted to consider additional elements and evaluate potential direct, indirect and cumulative health and
environmental effects of onshore and offshore well stimulation and well stimulation treatment-related activities. Prohibits all well stimulation treatments until the Secretary of the Natural Resources Agency convenes a committee to review the scientific study, and that such stimulation will not create specified adverse public or environmental health impacts.

**STATUS:**
05/29/2014 In SENATE. Read third time. Failed to pass SENATE. (16-16)

**CA SB 1139**
**AUTHOR:** Hueso [D]
**TITLE:** State Renewables Portfolio Standard Program
**FISCAL COMMITTEE:** yes
**URGENCY CLAUSE:** no
**INTRODUCED:** 02/20/2014
**LAST AMEND:** 07/02/2014
**DISPOSITION:** Pending
**COMMITTEE:** Assembly Appropriations Committee
**HEARING:** 08/14/2014

**SUMMARY:**
Requires each retail seller of electricity to procure a proportionate share of the statewide total megawatts of electricity generated by specified baseload geothermal power plants. Requires each such seller to file a related plan. Authorizes the PUC to determine if such energy procurement shall count towards meeting obligations under the State Renewables Portfolio Standard Program. Requires project to demonstrate environmental benefit to the State. Requires an investigation of contract expiration.

**STATUS:**
08/06/2014 In ASSEMBLY Committee on APPROPRIATIONS: To Suspense File.

**Commentary:**
SDCWA Position: Support (original position of "Support if amended" adopted by the Board 22-May-14; bill was amended in keeping with amendments sought by the Water Authority 2-Jul-14)

**CA SB 1144**
**AUTHOR:** Galgiani [D]
**TITLE:** Common Interest Developments
**FISCAL COMMITTEE:** no
**URGENCY CLAUSE:** no
**INTRODUCED:** 02/20/2014
**DISPOSITION:** Pending
**LOCATION:** Senate Transportation and Housing Committee

**SUMMARY:**
Prohibits an association from imposing a fine or assessment on separate interest owners for yard maintenance issues related to under watered plants and lawns during any period for which the governor has declared a state of emergency due to drought. Prohibits a city, county, or city and county from imposing a fine or assessment on separate interest owners for yard maintenance issues.

**STATUS:**
03/06/2014 To SENATE Committee on TRANSPORTATION AND HOUSING.

**Commentary:**
SDCWA Position: Support and seek amendments (3-27-14)
CA SB 1168

AUTHOR: Pavley [D]
TITLE: Groundwater Management
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/20/2014
LAST AMEND: 08/06/2014
DISPOSITION: Pending
COMMITTEE: Assembly Appropriations Committee
HEARING: 08/13/2014 9:00 am

SUMMARY:
Relates to groundwater management plan criteria to identify basins and subbasins that should be prioritized, prohibiting a new plan except for low- or very low priority basins, the election of a local agency as a groundwater sustainability agency, providing technical assistance to entities that extract or use groundwater, the submission of a plan for review, the conduction of inspections and inspection permits, fees to recover costs from the Water Rights Fund, and the review of general plans.

STATUS:
08/06/2014 From ASSEMBLY Committee on APPROPRIATIONS with author’s amendments.
08/06/2014 In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.

CA SB 1250

AUTHOR: Hueso [D]
TITLE: Safe, Clean and Reliable Drinking Water Supply Act
FISCAL COMMITTEE: yes
URGENCY CLAUSE: yes
INTRODUCED: 02/20/2014
LAST AMEND: 05/07/2014
DISPOSITION: Pending
LOCATION: Senate Natural Resources and Water Committee
SUMMARY:
Repeals the Safe, Clean and Reliable Drinking Water Supply Act of 2012 that would authorize the issuance of bonds to finance a safe drinking water and water supply reliability program. Enacts the Safe, Clean, and Reliable Drinking Water Supply Act of 2014, which, if adopted by voters would authorize the issuance of State General Obligation Bonds in a specified amount to finance a safe drinking water and water supply program.

STATUS:
05/13/2014 In SENATE Committee on NATURAL RESOURCES AND WATER: Not heard.

Commentary:
SDCWA Position: Support if amended (4-24-14)

CA SB 1259

AUTHOR: Pavley [D]
TITLE: Dams: Sedimentation Studies
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/21/2014
LAST AMEND: 05/27/2014
DISPOSITION: Pending
COMMITTEE: Assembly Appropriations Committee
HEARING: 08/14/2014
SUMMARY:
Requires the Department of Water Resources to make investigations and to gather or cause to be gathered data for a proper review and study of the loss of storage capacity behind dams resulting from sedimentation. Requires the results of the study to be reflected in the update of the State Water Plan and provided to appropriate legislative committees. Requires identifying high-priority reservoirs for evaluation. Requires a study on the loss of dam storage capacity due to sedimentation.

STATUS:
08/06/2014 In ASSEMBLY Committee on APPROPRIATIONS: To Suspense File.

CA SB 1281

AUTHOR: Pavley [D]
TITLE: Oil and Gas Production: Water Use Reporting
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/21/2014
LAST AMEND: 08/04/2014
DISPOSITION: Pending
COMMITTEE: Assembly Appropriations Committee
HEARING: 08/13/2014 9:00 am
SUMMARY:
Requires the statement by a well owner to the State Oil and Gas Supervisor to include the source and amount of fluid or gas injected into each well, and the source and amount of water used to generate injected fluid or gas, and be on a certain basis. Requires the use of recycled water during a drought. Prohibits the use of unmanaged groundwater. Requires the statement to include additional information, including the treatment of water and the use of treated or recycled water in oil and gas field activities.

STATUS:
08/04/2014 From ASSEMBLY Committee on APPROPRIATIONS with author's amendments.
08/04/2014 In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.

CA SB 1370

AUTHOR: Galgiani [D]
TITLE: Reliable Water Supply Bond Act of 2014
FISCAL COMMITTEE: yes
URGENCY CLAUSE: yes
INTRODUCED: 02/21/2014
LAST AMEND: 03/24/2014
DISPOSITION: Pending
LOCATION: Senate Natural Resources and Water Committee
SUMMARY:

STATUS:
04/08/2014 In SENATE Committee on NATURAL RESOURCES AND WATER: Heard, remains in Committee.

Commentary:
SDCWA Position: Oppose unless amended (3-27-14)
CA SB 1410  
**AUTHOR:** Wolk [D]  
**TITLE:** Wildlife Management Areas: Payments  
**FISCAL COMMITTEE:** yes  
**URGENCY CLAUSE:** yes  
**INTRODUCED:** 02/21/2014  
**LAST AMEND:** 04/21/2014  
**DISPOSITION:** Pending  
**LOCATION:** Senate Appropriations Committee  

**SUMMARY:** Appropriates funds from the General Fund to the Department of Fish and Wildlife to make payments to counties for unpaid amounts under provisions of existing law. Appropriates funds annually from the General Fund to the Department to make payments to counties for under these provisions regarding wildlife management areas.  

**STATUS:** 05/23/2014 In SENATE Committee on APPROPRIATIONS: Held in committee.

CA SB 1420  
**AUTHOR:** Wolk [D]  
**TITLE:** Urban Water Management Plans  
**FISCAL COMMITTEE:** no  
**URGENCY CLAUSE:** no  
**INTRODUCED:** 02/21/2014  
**LAST AMEND:** 04/21/2014  
**DISPOSITION:** Pending  
**FILE:** 142  
**LOCATION:** Assembly Third Reading File  

**SUMMARY:** Requires an urban water management plan to quantify and report on distribution system water loss. Authorizes water use projections to display and account for the water savings estimated to result from adopted codes, standards, ordinances, or transportation and land use plans, when the information is available and applicable to the supplier. Requires the plan, or amendments to be submitted electronically to the Department of Water Resources and include department forms, tables, or displays.  

**STATUS:** 08/11/2014 In ASSEMBLY. Read second time. To Consent Calendar.  
08/11/2014 In ASSEMBLY. From Consent Calendar. To third reading.  

Commentary:  
SDCWA Position: Support (3-27-14)

CA SB 1447  
**AUTHOR:** Fuller [R]  
**TITLE:** Bay Delta Conservation Plan: Judicial Review  
**FISCAL COMMITTEE:** no  
**URGENCY CLAUSE:** no  
**INTRODUCED:** 02/21/2014  
**DISPOSITION:** Pending  
**LOCATION:** Senate Rules Committee  

**SUMMARY:** States the intent of the Legislature to enact legislation establishing judicial review procedures for the Bay Delta Conservation Plan.  

**STATUS:** 03/13/2014 To SENATE Committee on RULES.
CA SB 1451

AUTHOR: Hill [D]
TITLE: Environmental Quality: Judicial Review: Standing
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 02/21/2014
LAST AMEND: 04/21/2014
DISPOSITION: Pending
LOCATION: Senate Judiciary Committee
SUMMARY:
Relates to the California Environmental Quality Act. Requires that the alleged grounds for Act noncompliance shall have been presented to a public agency prior to the close of a public hearing on the project under certain conditions. Limits the standing of a person objecting to the project prior to the close of the hearing before the filing of notice of determination for which no public comment period was provided by the Act. Extends related preclusion provisions.

STATUS:
05/06/2014 In SENATE Committee on JUDICIARY: Not heard.

CA SCA 3

AUTHOR: Leno [D]
TITLE: Public Information
FISCAL COMMITTEE: yes
URGENCY CLAUSE: no
INTRODUCED: 12/03/2012
ENACTED: 09/20/2013
DISPOSITION: Adopted
LOCATION: Chaptered
CHAPTER: 123
SUMMARY:
Proposes an amendment to the Constitution to require each local agency to comply with the State Public Records Act and the Brown Act and with any statutory enactment amended either act, enacting a successor act, or amending any successor act which contains findings demonstrating that the statutory enactment furthers the purposes of the people's right of access to information concerning the conduct of the people's business. Regards the subvention of funds.

STATUS:
09/20/2013 Chaptered by Secretary of State.
09/20/2013 Resolution Chapter No. 123

CA SCA 4

AUTHOR: Liu [D]
TITLE: Local Government Transportation Project: Voter Approval
FISCAL COMMITTEE: no
URGENCY CLAUSE: no
INTRODUCED: 12/03/2012
LAST AMEND: 08/28/2013
DISPOSITION: Pending
LOCATION: Senate Appropriations Committee
SUMMARY:
Proposes an amendment to the Constitution to provide the imposition, extension, or increase of a special tax by a local government for the purpose of providing funding for local transportation projects requires the approval of a related proposition that includes certain requirements. Prohibits the local
government from expending any revenues derived from a special transportation tax approved by the voters at any time prior to the completion of a identified capital project funded by specified revenues.

**STATUS:**

08/29/2013 Re-referred to SENATE Committee on APPROPRIATIONS.

**CA SCA 11**

**AUTHOR:** Hancock [D]

**TITLE:** Local Government: Special Taxes: Voter Approval

**FISCAL COMMITTEE:** no

**URGENCY CLAUSE:** no

**INTRODUCED:** 01/25/2013

**LAST AMEND:** 05/21/2013

**DISPOSITION:** Pending

**LOCATION:** Senate Appropriations Committee

**SUMMARY:**

Proposes an amendment to the Constitution to condition the imposition, extension, or increase of a special tax by a local government upon the approval of 55% of the voters voting on the proposition, if the proposition proposing the tax contains specified requirements.

**STATUS:**

06/27/2013 Re-referred to SENATE Committee on APPROPRIATIONS.

**Federal Legislation**

**US HR 267**

**RELATED:** US S 545

**SPONSOR:** McMorris Rodger [R]

**TITLE:** Hydropower

**INTRODUCED:** 01/15/2013

**ENACTED:** 08/09/2013

**DISPOSITION:** Enacted

**LOCATION:** Chaptered

**CHAPTER #:** 113-23

**SUMMARY:**

Creates the Hydropower Regulatory Efficiency Act of 2013; relates to licensing of conduit hydroelectric power projects, promoting such projects, hydropower development at nonpowered dams and closed loop pumped storage projects, and a study of pumped storage and potential hydropower from conduits.

**STATUS:**

08/09/2013 Public Law No. 113-23

**US HR 678**

**IDENTICAL:** US S 306

**RELATED:** US HR 1963, US HRES 140

**SPONSOR:** Tipton [R]

**TITLE:** Hydropower Development and Rural Jobs Act

**INTRODUCED:** 02/13/2013

**ENACTED:** 08/09/2013

**DISPOSITION:** Enacted

**LOCATION:** Chaptered

**CHAPTER #:** 113-24

**SUMMARY:**

Creates the Bureau of Reclamation Small Conduit Hydropower Development and Rural Jobs Act; authorizes all Bureau of Reclamation conduit facilities for hydropower development under Federal Reclamation law; relates to the lease of power privilege to an irrigation district or water users association.

**STATUS:**
US HR 3964

08/09/2013 Public Law No. 113-24


SPONSOR: Valadao [R]

TITLE: Sacramento San Joaquin Valley Emergency Water Delivery

INTRODUCED: 01/29/2014

LAST AMEND: 02/05/2014

DISPOSITION: Pending

LOCATION: SENATE

SUMMARY: Relates to the Sacramento-San Joaquin Valley Emergency Water Delivery Act; addresses certain water-related concerns in the Sacramento-San Joaquin Valley; relates to a water reliability project, San Joaquin River restoration, repayment contracts and acceleration of repayment of construction costs, and Bay-Delta watershed water rights preservation and protection.

STATUS: 02/10/2014 In SENATE. Read second time. Placed on Legislative Calendar under General Orders.

US HR 4039

SPONSOR: Costa [D]

TITLE: Water Supplies and Disaster Assistance

INTRODUCED: 02/11/2014

DISPOSITION: Pending

LOCATION: House Energy and Commerce Committee

SUMMARY: Directs the Secretary of the Interior, the Secretary of Commerce, and the Administrator of the Environmental Protection Agency to take actions to provide additional water supplies and disaster assistance to the State of California due to drought.

STATUS: 02/14/2014 In HOUSE Committee on ENERGY AND COMMERCE: Referred to Subcommittee on ENVIRONMENT AND THE ECONOMY.

US S 2016

SPONSOR: Feinstein [D]

TITLE: California Emergency Drought Relief Act of 2014

INTRODUCED: 02/11/2014

DISPOSITION: Pending

LOCATION: Senate Energy and Natural Resources Committee

SUMMARY: Relates to the California Emergency Drought Relief Act of 2014; directs the Secretary of the Interior, the Secretary of Commerce, and the Administrator of the Environmental Protection Agency to take actions to provide additional water supplies and disaster assistance to the State of California due to drought.

STATUS: 02/11/2014 INTRODUCED.
02/11/2014 In SENATE. Read second time.
02/11/2014 To SENATE Committee on ENERGY AND NATURAL RESOURCES.
IMPORTED WATER COMMITTEE

AGENDA FOR

AUGUST 28, 2014

Elsa Saxod – Chair     John Linden
Mark Muir – Vice Chair  Ken Olson
Ken Williams – Vice Chair Bud Pocklington
Gary Arant            Dave Roberts
Gary Croucher          Fern Steiner
Betty Evans            Ronald Watkins
Michael Hogan          Doug Wilson
Keith Lewinger         Tom Wornham

1. Roll call – determination of quorum.

2. Additions to agenda (Government Code Section 54954.2(b)).

3. Public comment – opportunities for members of the public to address the Committee on matters within the Committee’s jurisdiction.

4. Chair’s report.
   4-A Directors’ comments.

I. CONSENT CALENDAR

II. ACTION/DISCUSSION

1. Metropolitan Water District Issues and Activities update.
   1-A Metropolitan Water District Delegates report. (Information) (supplemental materials) MWD Delegates

2. Colorado River Programs.
   2-A Colorado River Board Representative’s report. (Information) (supplemental materials) Doug S. Wilson

III. INFORMATION

1. Presentation on Colorado River Hydrology and Operations update. Dan Denham

2. Metropolitan Water District Program report. Amy Chen
IV. CLOSED SESSION

1. CLOSED SESSION: 
   Conference with Legal Counsel - Existing Litigation
   Government Code §54956.9(d)(1) –
   SDCWA v Metropolitan Water District of Southern California;
   Case Nos. CPF-10-510830; CPF-12-512466; and BC547139.

V. ADJOURNMENT

Dan Hentschke

Kelly L. Walker
Clerk of the Board

NOTE: This meeting is called as an Imported Water Committee meeting. Because a quorum of the Board may be present, the meeting is also noticed as a Board meeting. Members of the Board who are not members of the Committee may participate in the meeting pursuant to Section 2.00.060(g) of the Authority Administrative Code (Recodified). All items on the agenda, including information items, may be deliberated and become subject to action. All public documents provided to the committee or Board for this meeting including materials related to an item on this agenda and submitted to the Board of Directors within 72 hours prior to this meeting may be reviewed at the San Diego County Water Authority headquarters located at 4677 Overland Avenue, San Diego, CA 92123 at the reception desk during normal business hours.
August 20, 2014

Attention: Imported Water Committee

Colorado River Hydrology and Operations Update (Information)

Purpose
This report details current hydrologic conditions and projections for the Colorado River and applicable reservoir operating guidelines.

Background
The current water year saw improved hydrologic conditions throughout the Colorado River Basin, which has been experiencing long-term drought conditions for the past 14 years. These conditions have resulted in increased inflows to the river in 2014 compared to recent years and maintenance of total system storage volumes from this time last year. Hydrology, existing storage, and scheduled releases along the river system impact the elevation levels at both Lakes Powell and Mead. Modeling these factors provides projected water surface elevation levels for these reservoirs which are used to determine reservoir operations and the quantity of releases for the upcoming year. Based on the most recent modeling results, 8.23 to 9.0 million acre-feet (maf) will be released from Lake Powell in 2015. Despite this greater release compared to 2014, Lake Mead’s elevation is expected to continue to decline in 2015. The surface level in Lake Mead dropped to an all-time low in mid-July and new record lows have been set almost daily. Luckily, the August modeling shows the decreasing elevations do not reach a shortage trigger for Lake Mead, which will be operated within its normal or Intentionally Created Surplus (ICS) surplus conditions with all contractors including Mexico receiving their full allocations in 2015.

Hydrologic Conditions
As a result of extended dry conditions and continued demand for Colorado River water, storage quantities and reservoir levels have decreased drastically since 2000. Throughout this period, total system storage has fallen to 30.4 maf or 51 percent of capacity. However, the 2014 water year (October 2013 to September 2014) to date is seeing improved conditions compared to recent years with precipitation, snowpack, and inflows to the Colorado River right at historic average levels. Unregulated inflow to Lake Powell for the water year is projected at 10.1 maf or 94 percent of average. This is a great improvement from the past two years which saw some of the lowest inflows to Lake Powell since it filled. The combined 2012 and 2013 hydrology was one of the driest two-year periods in recorded history for the Upper Basin, with less than 5 maf of inflows coming into Lake Powell in each year--well below the annual average of 10.8 maf. Lake Powell is currently at an elevation of 3,608 feet with 12.5 maf in storage or 51 percent of capacity. Lake Powell is expected to drop to 3,596.6 feet by the end of the calendar year, which translates to an initial release of 8.23 maf to the Lower Basin and potential for an increase to 9.0 maf after a mid-year reassessment.

Lake Mead shows similar reductions in storage during the recent dry period in the Colorado River Basin. Back in 2000, Lake Mead’s highest water surface elevation was 1,214 feet with 25 maf (97 percent capacity) in storage. In July, Lake Mead dropped to its lowest elevation since filling, falling under the 1,081.85 feet mark set in 2010. On August 11, Lake Mead’s water surface elevation was down to 1,080.28 feet with 10.0 maf in storage (38 percent of capacity).
Reduced storage levels can be attributed to reduced supply, reservoir operations, and continued demand over that time period. Lake Mead is projected to rise to 1,083.4 feet at the beginning of the calendar year, which maintains levels above the 1,075 feet shortage trigger elevation (Table 2). Modeling beyond January indicates elevation levels dropping below the current record low and continuing on a declining trend in 2016.

Reservoir Operations
The Bureau of Reclamation’s (BOR) 2007 Colorado River Interim Guidelines for Lower Basin Shortages and Coordinated Operations for Lake Powell and Lake Mead (2007 Interim Guidelines) established reservoir operating guidelines to provide for the coordinated operations of Lake Mead and Lake Powell in order to help minimize shortages from occurring in the Lower Basin and the need to curtail water deliveries in the Upper Basin. The 2007 Interim Guidelines contain criteria for reservoir operations in normal, surplus, and shortage conditions which are determined by reservoir elevation levels.

Table 1. Lake Powell Operational Tiers

<table>
<thead>
<tr>
<th>Operational Tier</th>
<th>Tier Elevation (ft)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equalization</td>
<td>3,700 – 3,648*</td>
<td>Equalize, avoid spills or release 8.23 maf</td>
</tr>
<tr>
<td>Upper Elevation</td>
<td>3,648*-3,575</td>
<td>Release 8.23 maf; if Lake Mead &lt; 1,075 feet, balance contents with a min/max release of 7.0 and 9.0 maf</td>
</tr>
<tr>
<td>Balancing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mid-Elevation Release</td>
<td>3,575-3,525</td>
<td>Release 7.48 maf; if Lake Mead &lt; 1,025 feet, release 8.23 maf</td>
</tr>
<tr>
<td>Lower Elevation</td>
<td>Below 3,525</td>
<td>Balance contents with a min/max release of 7.0 and 9.5 maf</td>
</tr>
<tr>
<td>Balancing</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*The elevation for this operational tier is variable through 2026, based upon a table in the 2007 guidelines. The elevation shown is for 2014.

Every month, BOR produces a 24-month study which models the river’s water budget and projects reservoir elevations over the upcoming two years. Water releases for the coming year are based on the January 1 projected elevation levels shown in the August 24-month study. Table 1 shows the operational tiers of Lake Powell, which are based on the elevation and indicate the associated release. Lake Powell releases incorporate conditions at Lake Mead as part of the coordinated reservoir operations. The 2007 Interim Guidelines allow for more or less water to be delivered from Lake Powell to Lake Mead, depending on projected elevations. Up until last year, Lake Powell had been operated to deliver a minimum release of 8.23 maf to Lake Mead each year. In 2013, the August study projected Lake Powell’s beginning-of-year elevation in the Mid-Elevation Release Tier, which called for a release of only 7.48 maf in 2014. This reduced release from Powell was less than the combined annual allocations of 9.0 maf to the Lower Basin States and Mexico, resulting in reductions in storage of Lake Mead over the past year. This year’s August 24-month study forecasts Lake Powell’s elevation at 3,596.6 feet on January 1. Based upon this projection, Lake Powell will be operated under the Upper Elevation Balancing Tier in water year 2015 with an initial release of 8.23 maf. Under the 2007 Interim Guidelines, another review of the conditions at Lake Powell and Lake Mead will occur in April.
2015. Based on an analysis of those projections in the April 24-Month Study, Lake Powell’s water releases could be increased to 9.0 maf for water year 2015.

Even with the reduced release from Lake Powell this year, Lake Mead continued to operate under normal conditions in 2014, with all water users in the Lower Colorado River Basin and Mexico receiving their full water allocations in accordance with the 2007 Interim Guidelines and the 1944 Treaty with Mexico. This year’s 2014 August 24-month study shows the January 1 projected elevation of Lake Mead at 1,083.4 feet, which again falls above the first shortage trigger elevation of 1,075 feet. This projected elevation puts the reservoir in its normal or ICS surplus condition for 2015 with all users receiving full deliveries.

**Shortage Criteria**
The 2007 Interim Guidelines are the first set of rules established for allocating shortages of water on the Colorado River. The guidelines set reservoir surface elevation triggers, which indicate the degree of shortage and determine the reductions in water apportioned to each of the Lower Basin States. Table 2 displays the trigger elevations for shortage deliveries and the amounts of shortage apportionments for California, Arizona, and Nevada. California’s allocation does not change in shortage conditions. Due to California’s high priority rights on the river, it is largely protected from impacts of shortages and its allocation remains at 4.4 maf through all three shortage scenarios.

<table>
<thead>
<tr>
<th>Lake Mead Triggers and Apportionments</th>
<th>Trigger A</th>
<th>Trigger B</th>
<th>Trigger C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trigger A Elevation 1,075 to 1,050 ft</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>State</td>
<td>Normal-Year Apportionment (maf)</td>
<td>Trigger A Apportionment (maf)</td>
<td>Shortage Amount (maf)</td>
</tr>
<tr>
<td>Arizona</td>
<td>2.8</td>
<td>2.48</td>
<td>0.32</td>
</tr>
<tr>
<td>California</td>
<td>4.4</td>
<td>4.4</td>
<td>0</td>
</tr>
<tr>
<td>Nevada</td>
<td>0.3</td>
<td>0.287</td>
<td>0.013</td>
</tr>
<tr>
<td>Total</td>
<td>7.5</td>
<td>7.167</td>
<td>0.333</td>
</tr>
</tbody>
</table>

To date, an official shortage has never been declared on the river for the Lower Basin. However, the record-low elevation in Mead coupled with the trending multi-year dry hydrology in the basin indicate increased probabilities of shortages in the next few years.

Prepared by: Kara Mathews, Assistant Water Resources Specialist
Reviewed by: Dan Denham, Colorado River Program Director
August 20, 2014

Attention: Imported Water Committee

Metropolitan Water District Program Report (Information)

Purpose
This report summarizes activities associated with the Metropolitan Water District of Southern California and other imported water related agencies and organizations.

Discussion
Metropolitan Water District (MWD). This section provides a summary of anticipated key actions at the August 18 and 19 meetings of the MWD Board of Directors. A companion report, included in the board supplemental materials – the MWD Delegates Report – provides in-depth information on discussions that occurred at the MWD board and committee meetings as well as the Water Authority delegates’ positions. The next committee and board meetings will take place September 8 and 9.

Establish Tax Rate for Fiscal Year 2015 and Hear a Report on Member Agencies’ Assessed Valuations, Percentage Participation, and Vote Entitlement.
The MWD Board is expected to vote on a resolution establishing the Ad Valorem tax rate for fiscal year 2015. Staff’s recommended resolution states that the board will find it essential to the “fiscal integrity” of MWD to suspend the Ad Valorem tax rate limitation for fiscal year 2015, and establishing it at the same rate as in fiscal year 2014 (0.0035 percent of assessed valuation, excluding annexation levies). The MWD Act limits MWD’s taxing authority to the amount of debt associated with its general obligation bonds and share of the State Water Project contract payments, which relate to the state’s general obligation bonds for facilities benefiting MWD as of 1990/91. As these obligations are paid off, the amount of revenues MWD may collect via property taxes declines. The MWD board may suspend the tax rate limit if it determines that the tax revenue is “essential to the fiscal integrity” of MWD and after holding a public hearing and providing written notice to the Speaker of the California Assembly and the President pro Tempore of the California Senate.

In 2013, for the first time in its history, the MWD board suspended the tax rate limitation for fiscal year 2014 and collected more than $10 million more than it would have otherwise. This March, MWD held a public hearing on the suspension of the Ad Valorem tax rate for fiscal year 2015. MWD Chief Financial Officer Gary Breaux reported that by maintaining the tax at the same rate as fiscal year 2014, MWD would generate $65 million in additional tax revenues over fiscal years 2015 and 2016. Additionally, in April, while approving the most recent budget and rates, the MWD Board also determined that maintaining the Ad Valorem tax rate at its current level was necessary to reduce the already existing “imbalance in fixed to variable revenues.” In April’s same budget and rate action, the MWD board voted to spend more than $350 million of excess funds collected during fiscal year 2014 for unbudgeted items.

1 This assumes MWD votes next year to suspend the limitation in fiscal year 2016.
MWD staff is also expected to report on the assessed valuation for fiscal year 2015 and the tabulation of assessed valuation, percentage participation, and vote entitlements of MWD’s member agencies as of August 2014. MWD’s preferential rights, which are predominately based on member agencies’ tax payments, have yet to be updated. It is anticipated that MWD will calculate and notify member agencies of their preferential rights in late 2014.

**Water Supply Allocation Plan.**
During the Water Planning and Stewardship Committee meeting, MWD staff will present an overview of MWD’s Water Supply Allocation Plan (WSAP). This presentation will likely include a review of the current WSAP and the principles for allocating water. MWD’s most recent WSAP plan (adopted in 2008) utilized a “needs based approach” to develop allocations. Recently, MWD staff initiated discussions with member agencies’ managers to review the WSAP. Possible revisions include changes to the baseline calculation (the starting point from which to reduce supplies), allocation formula (the methodology to calculate how much MWD water is allocated to member agencies), and enforcement penalties (financial penalties, such as higher rates for water purchased above the allocated amount).

**Local Resources Program.**
MWD staff will provide an update on MWD’s Local Resources Program (LRP) at the Water Planning and Stewardship Committee meeting. It is anticipated that this presentation will serve as a starting point for the Board to discuss possible revisions to the existing program.

**It is anticipated that the MWD Committees and Board will also:**
- Receive an update on Conservation activities;
- Hear an oral report on the State Water Resources Control Board’s adopted water restrictions;
- Receive a presentation on Department Head Salary Comparison with Comparator Agencies;
- Review and consider the annual evaluation of, and recommendations concerning the General Manager, General Counsel, General Auditor, and Ethics Officer, for providing final recommendations to the Board on overall performance and compensation;
- Consider findings and recommendations of subcommittee of Audit and Ethics Committee for appropriate action relating to Ethics Officer’s report concerning ethics rules violations by former Director David Fleming, under Administrative Code Section 7140;
- Elect officers to the Asset Financing Corporation;
- Hear an oral report on activities of the Asset Financing Corporation;
- Receive an update on 2015/16 Legislative Proposal Process;
- Appropriate $680,000, and award $428,280 contract to Kaveh Engineering & Construction, Inc., for solids handling area improvements at the Robert A. Skinner Water Treatment Plant;
- Receive an update on solar power generation opportunities for the F. E. Weymouth and Joseph Jensen Water Treatment Plants;
- Receive a report on federal rulemaking regarding definition of "waters of the United States" under the Clean Water Act;
- Hear the Chief Financial Officer’s Report, including financial highlights;
- Hear a closed session report on *San Diego County Water Authority v. Metropolitan Water District of Southern California, et al.*, San Francisco County Superior Court Case No. CPF-10-510830 and No. CPF-12-512466, and *San Diego County Water Authority v. Metropolitan Water District of Southern California, Los Angeles County Superior Court Case No. BC 547139*; and
MWD Member Agencies.
Municipal Water District of Orange County (MWDOC). During MWDOC’s August 6 Board Workshop Meeting with its MWD delegates, MWDOC staff presented an overview of MWD’s LRP, which was then followed by a roundtable discussion that involved various MWDOC member agencies and directors, as well as MWDOC’s MWD delegates and members of the public. The goal of this discussion was to develop recommendations to share with MWD that will promote the participation of MWDOC member agencies in MWD’s LRP. This presentation comprised potential program modifications including: increasing the per acre-foot subsidy amount; offering upfront financing; expanding eligibility for various expenses and projects; and modifying MWD’s WSAP so agencies’ share of MWD supplies would not be reduced as a result of development of local supplies. Alternative programs, such as a revolving loan fund for local projects and MWD co-ownership or full ownership of projects, as well as the possibility of MWD building, operating, and then transferring projects to local agencies were also brought forth by MWDOC staff. Other types of incentives outside of subsidies were presented, including MWD providing support in areas such as public education and outreach, legislation, regulation, and research. Several modifications to MWD’s LRP were discussed, with the majority focused on altering subsidies in various manners, such as to include certain projects or project components, as well as changing the amount or providing a fixed amount of funding.

West Basin Municipal Water District (WBMWD). At WBMWD’s August 6 meeting of the District’s Representatives to MWD, MWD Manager Brandon Goshi provided an update on the WSAP. Goshi reported that MWD staff and member agency managers are discussing three areas of the plan, including: baseline calculation, allocation formula and allocation enforcement. When asked about the potential magnitude of cut MWD may need to impose in 2015, Goshi said that if available supplies are 1.8 million acre-feet then demands on Metropolitan would need to be reduced by 200,000 to 300,000 acre-feet. It is anticipated that WSAP review process will be completed by October 2014.

State Water Contractors (SWC)
The SWC met on July 17. For actions made by the SWC, see Attachment. The next SWC meeting is scheduled for September 18.

Prepared by: Liz Mendelson, Assistant Water Resources Specialist
Reviewed by: Amy Chen, Director of MWD Program
Attachment: SWC Board Actions, July 17, 2014
STATE WATER CONTRACTORS
BOARD OF DIRECTORS
BOARD ACTIONS
JULY 17, 2014

The following actions were taken at the State Water Contractors (SWC) Board of Directors July 17, 2014 meeting upon motions duly made, seconded and unanimously passed.

1. Approved the Consent Calendar, including Draft June 19, 2014 Board Meeting Minutes, the June, 2014 Financial Report, and June 2014 Consultant Reports.

2. Authorized the SWC General Counsel to file an amicus brief in the California Supreme Court supporting DWR’s position regarding the pre- eminent domain entry statue.

3. Authorized the SWC General Counsel to take necessary steps in order to request the State Water Resources Control Board take action to protect State Water Project stored water.

4. Authorized the SWC General Counsel to send a comment letter regarding BDCP environmental review.

5. Authorized the SWC General Manager to hire Strategic Resource Advisors to assist the State Water Contractors take the initial steps in implementing two strategies that are developed conceptually in the Energy Committee Strategic Plan. The contract amount will not exceed $50,000.

Other Action:

1. The Board requested a small group review the letter to the State Water Resources Control Board providing information on the illegal diversion of Projects’ stored water prior to sending out.
August 20, 2014

Attention: Imported Water Committee

CLOSED SESSION:
Conference with Legal Counsel - Existing Litigation
Government Code §54956.9(d)(1) - SDCWA v Metropolitan Water District of Southern California; Case Nos. CPF-10-510830; CPF-12-512466; and BC547139

Purpose
This memorandum is to recommend a closed session, pursuant to Government Code §54956.9(d)(1) to discuss the above-referenced matters at the August 28, 2014, meeting.

A closed session has also been included on the agenda of the formal Board of Directors’ meeting. Unless the Board desires additional discussion, it is not staff’s intention to ask for a closed session with the full Board at that time, but staff may request action to confirm directions given or action recommended by the committee.

Prepared by: Daniel S. Hentschke, General Counsel
ENGINEERING AND OPERATIONS COMMITTEE

AGENDA FOR

AUGUST 28, 2014

Brian Brady – Chair     Ken Olson
Marty Miller – Vice Chair    Halla Razak
Bud Pocklington – Vice Chair    Dave Roberts
David Barnum     John Simpson
Ron Morrison     Yen Tu
Vincent Mudd     DeAna Verbeke
Jim Murtland     Ronald Watkins
                    Tom Wornham


2. Additions to agenda (Government Code Section 54954.2(b)).

3. Public comment – opportunities for members of the public to address the Committee on matters within the Committee’s jurisdiction.

4. Chair’s report.
   4-A Directors’ comments.

I. CONSENT CALENDAR

1. Notice of Completion for Pipeline 3 Relining Sweetwater to Lower Otay.
   Staff recommendation: Authorize the General Manager to accept the Pipeline 3 Relining Sweetwater to Lower Otay project as complete, record the Notice of Completion, and release funds held in retention to L.H. Woods & Sons, Inc., following the expiration of the retention period. (Action)
2. Professional services contract with ABM Electrical Power Services, LLC for electrical preventative maintenance, inspection, testing, and repair services for Water Authority facilities.
   **Staff recommendation:** Authorize the General Manager to execute a two-year professional services contract (with optional third year) to ABM Electrical Power Systems, LLC for an amount not-to-exceed $400,000 for electrical preventative maintenance, inspection, testing and repair services.  
   (Action) 
   Kathy Schuler

3. Professional services contract with City of San Diego for Water Quality Testing and Analysis services.
   **Staff recommendation:** Authorize the General Manager to execute a five-year professional services contract with the City of San Diego for an amount not-to-exceed $250,000 to perform water quality laboratory analysis as required on the aqueduct delivery system.
   (Action) 
   Jim Fisher

II. ACTION/DISCUSSION

1. Design-Build contract with NEWest Construction Company, Inc. for the Twin Oaks Valley Water Treatment Plant Expanded Service Area project.
   **Staff recommendation:** Authorize the General Manager to award a design-build contract to NEWest Construction Company, Inc. in the amount of $3,682,000 for the Twin Oaks Valley Water Treatment Plant Expanded Service Area project.
   (Action) 
   Jeff Shoaf

2. San Vicente Pumped Storage.
   **A. Presentation of actions necessary to support the FERC petition, recommended financial metrics, and other issues related to the San Vicente Pumped Storage Study.**
   **B. San Vicente Pumped Storage Study.**
   **Staff recommendations:** Approve the following actions in support of the Water Authority’s petition with the Federal Energy Regulatory Commission.
   1. **Agreement with the City of San Diego.**
      Authorize the General Manager to execute an agreement with the City of San Diego for the implementation of the next necessary steps for the San Vicente Pumped Storage Study including the San Vicente Reservoir modeling and the inlet outlet study.
   Frank Belock/ Kelly Rodgers

Page 216 of 358
2. Amendment to professional services contract with Black and Veatch Corporation
Accept Amendments 1 and 2 for $105,000 and approve Amendment 3 in the amount of $450,000 to provide engineering and environmental studies and support for the San Vicente Pumped Storage Study, increasing the contract amount from $149,920 to $704,920.

3. Proceed with Phase 2 tasks
Authorize the expenditure of $215,000 for the Water Authority’s share of the modeling of San Vicente Reservoir and $135,000 for project administration.

III. INFORMATION
1. Advertisement for Bids for Ramona Pipeline Cathodic Protection project. Nona Yang

IV. CLOSED SESSION
1. CLOSED SESSION: Conference with Legal Counsel – Existing Litigation
   Government Code §54956.9(d)(1) – Shimmick Construction Co., Inc./Obayashi Corp., joint venture v. San Diego County Water Authority
   San Diego Superior Court Case No. 37-2014-00026740-CU-BC-CTL

Kelly L. Walker
Clerk of the Board

NOTE: This meeting is called as an Engineering & Operations Committee meeting. Because a quorum of the Board may be present, the meeting is also noticed as a Board meeting. Members of the Board who are not members of the Committee may participate in the meeting pursuant to Section 2.00.060(g) of the Authority Administrative Code (Recodified). All items on the agenda, including information items, may be deliberated and become subject to action. All public documents provided to the committee or Board for this meeting including materials related to an item on this agenda and submitted to the Board of Directors within 72 hours prior to this meeting may be reviewed at the San Diego County Water Authority headquarters located at 4677 Overland Avenue, San Diego, CA 92123 at the reception desk during normal business hours.
August 20, 2014

Attention: Engineering and Operations Committee

Notice of Completion for Pipeline 3 Relining Sweetwater to Lower Otay. (Action)

Staff recommendation
Authorize the General Manager to accept the Pipeline 3 Relining Sweetwater to Lower Otay project as complete, record the Notice of Completion, and release funds held in retention to L.H. Woods & Sons, Inc., following the expiration of the retention period.

Alternatives
Do not authorize the General Manager to accept the project as complete and provide direction to staff relative to issues requiring resolution.

Fiscal Impact
There are sufficient funds to support this action in the project budget and fiscal years 2014 and 2015 Capital Improvement Program appropriation. The rate category is transportation.

Background
This project is part of the overall program to rehabilitate and reline 82.5 miles of prestressed concrete cylinder pipe within the Water Authority’s conveyance system to ensure continued reliability. Approximately 28,400 feet of the existing 69-inch diameter Pipeline 3 from south of Sweetwater Reservoir along the Water Authority’s second aqueduct through the city of Chula Vista to the lower Otay Reservoir were relined using steel liners. With the completion of this project, approximately 39 miles, or 47 percent of the Water Authority’s prestressed concrete cylinder pipeline has been relined.

Previous Board actions: On August 22, 2013, the Board authorized the General Manager to award a construction contract to L.H. Woods & Sons, Inc. in the amount of $25,387,000 for the Pipeline 3 Relining Sweetwater to Lower Otay project.

Discussion
Change Orders 1, 2 and 3 were executed under staff’s authority for a credit of $524,257.60. These items, summarized below and detailed in Table 1, include administrative changes, design modifications, differing site conditions, and community accommodations.

Administrative: Staff executed six administrative changes for a total credit of $488,706.60. The items include time extensions for inclement weather, reimbursement to the Water Authority for expenses related to qualification exams for phased array ultrasonic testing. Other items include reimbursing the Water Authority for in-plant inspection costs and reconciling bid item allowances.
Design Modifications: Staff executed six design modifications for a total of $45,436. The items include a credit for deleting access portals to improve constructability, salvaging sections of existing PCCP for further analysis, revising the non-destructive test method for spacer pad welds, and improving right-of-way entrances.

Differing Site Conditions: Staff executed two differing site condition change orders for a total of $7,637. The first change included a revised anchor ring fit-up design to accommodate existing pipeline dimensions that differed from those depicted in reference drawings. The second change revised the design of a new 60-inch vent to include the installation of a diffuser assembly not depicted in reference drawings.

Community Accommodations: Staff added one additional project sign for $2,248.

The Contractor has two open claims. The first claim relates to pipe fit-up tolerances. The Contractor asserts it is entitled to a greater tolerance for fabricating and installing steel liners than is permitted by the contract. As a result, the Contractor claims to have incurred an additional $529,273 in costs. The second claim, in the amount of $12,855, is for extra work relating to a service connection manway outlet. The Water Authority has denied both of these claims. However, staff and General Counsel are continuing to work with the Contractor as required by the contract dispute resolution process.

Without consideration of claims, the final construction contract price for the Pipeline 3 Reline Sweetwater to Lower Otay project, including change orders is $24,862,742.60, a decrease of 2.1 percent from the original contract value.

During construction, 5 percent of the total contract amount was retained in accordance with the contract terms. Undisputed retention will be released after the General Manager’s acceptance, expiration of the 60-day period following recording of the Notice of Completion, and receipt of a signed Conditional Waiver and Release of Liens and Claims from the contractor. L.H. Woods & Sons, Inc. provided a bond for faithful performance at the time of bidding, which will remain in full force and effect for the contract’s two-year post-construction warranty period.

The small business participation on this project was 38 percent. There is no minority- or women-owned business participation. This information is provided for statistical purposes.

Prepared by: Mike Kenny, Principal Construction Manager
Reviewed by: William J. Rose, Director of Engineering
Approved by: Frank Belock, Jr., Deputy General Manager

Attachments:
1. Figure 1 – Location Map
2. Table 1 – Summary of Construction Change Orders
PROJECT:

PIPELINE 3 RELINING,
R0211/R0212 SWEETWATER
TO LOWER OTAY RESERVOIR

FIGURE 1
### TABLE 1
SUMMARY OF CONSTRUCTION CHANGE ORDERS
PIPELINE 3 RELINE SWEETWATER TO LOWER OTAY
SPECIFICATION 613

<table>
<thead>
<tr>
<th>Change Order</th>
<th>Item No.</th>
<th>Description</th>
<th>Amount</th>
<th>Time Extension</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Design Modification - Delete Portal 2 and 6 and Construct Manway Access Shafts</td>
<td>($28,550)</td>
<td>0 days</td>
</tr>
<tr>
<td>1</td>
<td>2</td>
<td>Administrative - Extension of Time for Inclement Weather</td>
<td>$ -</td>
<td>5 days</td>
</tr>
<tr>
<td>1</td>
<td>3</td>
<td>Differing Site Condition - Modify Existing Anchor Ring at MK1818</td>
<td>$4,235</td>
<td>0 days</td>
</tr>
<tr>
<td>1</td>
<td>4</td>
<td>Design Modification - Salvage MK687 &amp; MK688</td>
<td>$15,085</td>
<td>0 days</td>
</tr>
<tr>
<td>1</td>
<td>5</td>
<td>Design Modification - Visual Testing of Spacer Pad Welds in Lieu of Dye Penetrant Test</td>
<td>($18,009)</td>
<td>0 days</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Community Accommodation - Otay Lakes Road Project Sign</td>
<td>$2,248</td>
<td>0 days</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>Differing Site Condition - 60-Inch Vent at Sta. 5082+60</td>
<td>$3,402</td>
<td>0 days</td>
</tr>
<tr>
<td>2</td>
<td>3</td>
<td>Administrative - Extension of Time for Inclement Weather</td>
<td>$ -</td>
<td>5 days</td>
</tr>
<tr>
<td>2</td>
<td>4</td>
<td>Administrative - Reimburse Water Authority for Procedure Qualification Expenses</td>
<td>($2,128)</td>
<td>0 days</td>
</tr>
<tr>
<td>2</td>
<td>5</td>
<td>Administrative - Inspection of Off-Site Fabrication</td>
<td>($349,622)</td>
<td>0 days</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Design Modification - Stabilize ROW Entrances</td>
<td>$25,500</td>
<td>5 days</td>
</tr>
<tr>
<td>3</td>
<td>2</td>
<td>Design Modification - Portal 10 Walking Trail</td>
<td>$12,500</td>
<td>5 days</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
<td>Administrative - Reconcile Bid Item 11: Allowance for Partnering</td>
<td>($15,000)</td>
<td>0 days</td>
</tr>
<tr>
<td>3</td>
<td>4</td>
<td>Administrative - Reconcile Bid Item 12: Allowance for Soil Amendments</td>
<td>($121,956.60)</td>
<td>0 days</td>
</tr>
<tr>
<td>3</td>
<td>5</td>
<td>Design Modification - PAUT Credit</td>
<td>($51,962)</td>
<td>0 days</td>
</tr>
</tbody>
</table>

Total Change Order Amount: ($524,257.60)
Total Time Extension: 20 days
Original Board Authorized Contract Amount: $25,387,000
New Contract Amount: $24,862,742.60
August 20, 2014

Attention: Engineering and Operations Committee

Professional services contract with ABM Electrical Power Services, LLC for electrical preventative maintenance, inspection, testing, and repair services for Water Authority facilities (Action).

Staff recommendation
Authorize the General Manager to execute a two-year professional services contract (with optional third year) to ABM Electrical Power Systems, LLC for an amount not-to-exceed $400,000 for electrical preventative maintenance, inspection, testing, and repair services.

Alternatives
Do not award this contract and direct staff to rebid this contract. This will defer annual preventative maintenance.

Fiscal impact
There are sufficient funds for this contract through June 30, 2015, as approved by the Board for the fiscal year 2014 and 2015 Operating Budget. Funds for the remaining contract term will be requested in the fiscal year 2016 and 2017 Operating Budget. This item relates to the transportation rate category.

Background
The Water Authority has six pump stations, two hydroelectric generating facilities and one emergency diesel powered electrical generating station. These facilities contain medium to high voltage electrical equipment including station electrical bussing, vacuum circuit breakers, transformers, electrical cabling, and protective relays. The National Electrical Test Association recommends annual electrical preventative maintenance, inspection, and testing be performed on all medium and high-voltage electrical equipment to ensure safety and increased reliability. Water Authority staff would require special equipment and additional training to do this type of work. An outside service has been used to perform this specialized preventative maintenance in the past at a lower overall cost to the Water Authority.

Discussion
On June 5, 2014, a Notice Inviting Bids was distributed to 99 contractors, who received email notification through the Network (the Water Authority’s collaborative online vendor registration system). The solicitation requested bids for a two-year contract with an option for a third year to perform electrical preventative maintenance, inspection, and testing services. In addition to these preventative maintenance services, the contractor may also be requested to perform emergency service and repairs, or scheduled additional maintenance or repair work at Water Authority facilities including its pump stations and hydroelectric facilities. Two bids were received and opened on July 7, 2014. The apparent low bidder is ABM Electrical Power Services, LLC.
Operations and Maintenance staff confirmed bid price and scope of work with ABM and recommends awarding the contract to ABM, the lowest responsible bidder, for a total contract amount not-to-exceed $400,000.

Due to limited subcontracting opportunities for this type of service, SCOOP outreach was not required. The small business participation for this contract is 3 percent.

Prepared by: Kathy Schuler, Operations and Maintenance Manager
Reviewed by: Gary A. Eaton, Director of Operations and Maintenance
Approved by: Frank Belock, Jr., Deputy General Manager

Attachment:
1. Table of Bids
## ATTACHMENT 1

### Table of Bids

<table>
<thead>
<tr>
<th>NO.</th>
<th>GENERAL CONTRACTOR</th>
<th>TOTAL BID PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ABM Electrical Power Services, LLC</td>
<td>$109,905</td>
</tr>
<tr>
<td>2</td>
<td>Baker Electric, Inc.</td>
<td>$202,440</td>
</tr>
</tbody>
</table>
August 20, 2014

Attention: Engineering and Operations Committee

Professional services contract with City of San Diego for Water Quality Testing and Analysis services. (Action)

Staff recommendation
Authorize the General Manager to execute a five-year professional services contract with the City of San Diego for an amount not-to-exceed $250,000 to perform water quality laboratory analysis as required on the aqueduct delivery system.

Alternatives
1. Do not award this contract and direct staff to bid this contract.

Fiscal Impact
There are sufficient funds for the first year of this contract in the fiscal year 2015 operating budget. Funding for the remaining four years will be contingent on Board approval of the fiscal years 2016, 2017, 2018 and 2019 operating budgets. This item relates to all rate categories and Treated Water.

Background
The California Department of Public Health and the Regional Water Quality Control Board require the Water Authority to perform water quality sampling on the aqueduct system and Olivenhain Reservoir on a routine basis. Additional water quality sampling is performed as needed at the Twin Oaks Valley Water Treatment Plant to ensure contract compliance. Sample collection is conducted by state-certified operators (in-house), but sample analysis must also be conducted by a state accredited laboratory.

Discussion
In anticipation of the expiration of the most recent laboratory services contract and in an effort to optimize the use of our member agency facilities, Operations and Maintenance staff contacted our member agencies that operate state accredited laboratories to determine if they could provide the required services. Following this outreach, it was determined that the City of San Diego was the only member agency that could provide the required services. All other member agencies contacted did not have the capability or resources required to perform needed services.

The Water Authority and City have a shared interest in the water quality in Olivenhain Reservoir. The completion of the Lake Hodges Pumped Storage facility in 2012 allowed the City to access water stored in Lake Hodges for the first time, by moving it through Olivenhain Reservoir to the Water Authority’s aqueduct for delivery at a City water treatment plant.
The operation of Lake Hodges and the movement of water are governed by the Lake Hodges Regulating Reservoir Manual (RRM), which was jointly developed by the Water Authority, City and other member agencies. The Lake Hodges RRM imposes water quality limitations relating to the movement of Hodges/Olivenhain water into the aqueduct system, which requires regular sampling to conform with the RRM requirements.

Because of the mutual benefit to move Lake Hodges water, the City has agreed to share the cost of all water quality sample analysis to comply with the RRM requirements. In an effort to further reduce our operating costs, Water Authority and City staff also reviewed the overall source water sampling needs to optimize the sampling plan. The agreed upon cost sharing and optimized scope of sampling has resulted in an annual savings of approximately $35,000 to the Water Authority.

Operations and Maintenance staff recommend awarding a five-year service contract to the City of San Diego, for water quality testing and analyses services, for a total contract amount not-to-exceed $250,000.

Prepared by: Jim Fisher, Operations & Maintenance Manager
Reviewed by: Gary A. Eaton, Director of Operations & Maintenance
Approved by: Frank Belock, Jr., Deputy General Manager

JF/GAE/FB:mmr
AS-NEEDED AGREEMENT BETWEEN
THE CITY OF SAN DIEGO
AND THE SAN DIEGO COUNTY WATER AUTHORITY
FOR LABORATORY ANALYSIS

This Agreement is made and entered into between the City of San Diego, a municipal corporation [City], and the San Diego County Water Authority, a public agency [Water Authority] for the City to provide laboratory analysis for the Water Authority on an as-needed basis [Project].

RECITALS

The Water Authority wants to retain the services of a professional laboratory to provide laboratory analysis of water and wastewater samples on an as-needed, hourly fee basis.

The City of San Diego Public Utilities Department [Public Utilities] conducts a comprehensive environmental monitoring program that among other duties includes analysis of water, wastewater, and wastewater residuals. This work is done in support of the operation of the City’s water system and Metropolitan Sewerage System and is performed by the Environmental Monitoring and Technical Services Division [EMTS] of Public Utilities.

The Water Authority has requested that EMTS perform similar analysis on an as-needed basis, as well as share with Public Utilities the water quality testing in the Olivenhain Reservoir which provides mutual benefit to the Water Authority and Public Utilities in facilitating water transfer into Water Authority’s aqueduct system.

In consideration of the above recitals and the mutual covenants and conditions set forth, herein, and for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereby set forth their mutual covenants and understandings as follows:

ARTICLE I

PROFESSIONAL SERVICES

The above-listed recitals are true and correct and are hereby incorporated by reference.

1.1 Scope of Services. The City will perform the work as generally set forth in the written Scope of Services, attached hereto as Exhibit A, and referred to herein as Professional Services. A sample report format is attached as Exhibit C.

1.2 Confidentiality of Services. The City is a public agency subject to the California Public Records Act. Upon request, EMTS must allow anyone to inspect its records unless otherwise exempt or privileged. Therefore, the Water Authority must anticipate that this Agreement and any reports generated by EMTS for the Water Authority cannot be kept confidential.
1.3 **Standard of Performance.** The City will provide Professional Services in accordance with the United States Environmental Protection Agency test procedures approved under Title 40, Code of Federal Regulations (CFR), Part 136, "Guidelines Establishing Test Procedures for Analysis of Pollutants Under the Clean Water Act."

**ARTICLE II**

**DURATION OF AGREEMENT**

2.1 **Term of Agreement.** This Agreement shall be effective on the date it is executed by the last Party to sign the Agreement, and approved by the City Attorney in accordance with San Diego Charter Section 40. Unless otherwise terminated, it shall be effective for a period up to five (5) years.

2.2 **Notification of Delay.** The City shall promptly notify the Water Authority in writing, pursuant to section 6.1, if the City experiences or anticipates experiencing a significant delay in performing the work. The written notice shall include an explanation of the cause for and a reasonable estimate of the length of the delay.

2.3 **Delay.** If delays in the performance of the Professional Services are caused by unforeseen events beyond the control of the Parties, such delay may entitle the City to a reasonable extension of time, but such delay shall not entitle the City to damages or additional compensation. The following conditions may constitute such a delay: war; changes in law or government regulation; labor disputes; strikes; fires, floods, adverse weather or other similar condition of the elements necessitating cessation of the City's work; inability to obtain materials, equipment, or labor; or other specific reasons agreed to between the City and the Water Authority.

2.4 **Termination for Convenience.** Either Party may, at its sole option and for its convenience, terminate this Agreement by giving written notice of such termination to the other Party. Such notice shall be delivered by certified mail with return receipt for delivery. The termination shall be effective sixty (60) days after receipt of the notice. Upon termination of this Agreement, the City shall complete any and all additional work necessary for the orderly filing of documents and return of any samples. The Water Authority shall pay the City for all costs incurred by EMTS for Professional Services up to the effective date of termination.

**ARTICLE III**

**COMPENSATION**

3.1 **Amount of Compensation.** The Water Authority shall pay the City for performance of all Professional Services rendered in accordance with this Agreement and the Price List, attached hereto as Exhibit B. Water Authority shall be 100% responsible for the cost of all regular water quality analyses; Water Authority and the City shall equally share the cost of Olivenhain and Twin Oaks Valley Water Treatment Plant analyses. The compensation under this agreement shall not exceed $50,000 annually. The total compensation under this Agreement shall not exceed $250,000. The City
is not obligated to perform Professional Services in excess of $50,000 per year or $250,000 for the
term of this agreement.

3.2 Manner of Payment. The City shall submit one invoice per quarter. The City shall
include with each invoice a description of completed Professional Services. The Water Authority will
pay undisputed portions of invoices within thirty calendar days of receipt.

3.3 Cost of Professional Services. The costs reflected in the Price List approximate the
City’s cost of providing the services, including overhead. The City will review its costs annually. The
Price List is subject to revisions at the beginning of each fiscal year. Cost increases will be
communicated to the Water Authority before April 1 of each year. For services not listed in the Price
List, the City and the Water Authority must agree in writing on a price prior to the City being obligated
to perform the services.

3.3.1 Overtime. If it is necessary for EMTS staff to work overtime in order to meet a
Water Authority deadline, through no fault of the City, the overtime work performed by EMTS staff
will be invoiced at 1.5 times the rates shown in the Price List.

3.3.2 Regulatory Impacts. In the event the cost of providing Professional Services
unexpectedly increases due to the action of a regulatory agency or for other unforeseen reasons, the
services provided by the City will be invoiced at actual fully-loaded costs.

ARTICLE IV

INDEMNIFICATION AND LIMITATION OF LIABILITY

4.1 Limitation of Liability. EMTS will perform the services in this proposal in accordance
with the standards customarily provided by an experienced and competent professional laboratory
rendering the same or similar services in accordance with industry standards. But because the rates in
the price list reflect the actual costs of providing these services plus appropriate overhead, and the City
does not intend to make any profit under this Agreement, the City must limit its liability hereunder. In
the event the services provided by EMTS are deficient in any way, the total liability of the City of San
Diego, the Public Utilities Department, EMTS, their elected officials, officers, and employees shall be
limited to the amount paid for the particular samples analyzed, or consultant services provided, that are
found to be deficient. Under no circumstances will there be any liability for special, incidental,
consequential, or indirect damages, even if the City has been advised of the possibility of such
damages, including but not limited to, fines imposed by any regulatory agency.

ARTICLE V

MEDIATION

5.1 Mandatory Non-binding Mediation. If a dispute arises out of, or relates to this
Agreement, or the breach thereof, and if said dispute cannot be settled through normal contract

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City of San Diego
negotiations, the Parties agree to settle the dispute in an amicable manner, using mandatory mediation under any neutral organization agreed upon before having recourse in a court of law.

5.2 **Mandatory Mediation Costs.** The expenses of witnesses for either side shall be paid by the Party producing such witnesses. All other expenses of the mediation, including required traveling and other expenses of the mediator [Mediator], and the cost of any proofs or expert advice produced at the direct request of the Mediator, shall be borne equally by the Parties, unless they agree otherwise.

5.3 **Selection of Mediator.** A single Mediator that is acceptable to both Parties shall be used to mediate the dispute. The Mediator will be knowledgeable in laboratory procedures, if possible, and may be selected from lists furnished by the AAA or any other agreed upon Mediator. To initiate mediation, the initiating Party shall serve a Request for Mediation on the opposing Party. If the Mediator is selected from a list provided by AAA, the initiating Party shall concurrently file with AAA a “Request for Mediation” along with the appropriate fees, a list of three requested Mediators marked in preference order, and a preference for available dates.

5.3.1 If AAA is selected to coordinate the mediation [Administrator], within ten working days from the receipt of the initiating Party's Request for Mediation, the opposing Party shall file the following: a list of preferred Mediators listed in preference order after striking any Mediators to which they have any factual objection, and a preference for available dates. If the opposing Party strikes all of initiating Party's preferred Mediators, opposing Party shall submit a list of three preferred Mediators listed in preference order to initiating Party and Administrator. Initiating Party shall file a list of preferred Mediators listed in preference order, after striking any Mediator to which they have any factual objection. This process shall continue until both sides have agreed upon a single Mediator.

5.3.2 The Administrator will appoint or the Parties shall agree upon the highest, mutually preferred Mediator from the individual Parties' lists who is available to serve within the designated time frame.

5.3.3 If the Parties agree not to use AAA, then a Mediator, date and place for the mediation shall be agreed upon.

5.4 **Conduct of Mediation Sessions.** Mediation hearings will be conducted in an informal manner and discovery will not be allowed. All discussions, statements, or admissions will be confidential to the Party's legal position. The Parties may agree to exchange any information they deem necessary.

5.4.1 Both Parties must have an authorized representative attend the mediation. Each representative must have the authority to recommend entering into a settlement. Either Party may have attorney(s) or expert(s) present. Upon reasonable demand, either Party may request and receive a list of witnesses and notification whether attorney(s) will be present.

5.4.2 Any agreements resulting from mediation shall be documented in writing. All mediation results and documentation, by themselves, shall be “non-binding” and inadmissible for any purpose in any legal proceeding, unless such admission is otherwise agreed upon, in writing, by both Parties. Mediators shall not be subject to any subpoena or liability and their actions shall not be subject to discovery.

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ARTICLE VI

MISCELLANEOUS

6.1 Notices. In all cases where written notice is required under this Agreement, service shall be deemed sufficient if the notice is deposited in the United States mail, postage paid. Proper notice shall be effective on the date it is mailed, unless provided otherwise in this Agreement. For the purpose of this Agreement, unless otherwise agreed in writing, notices shall be addressed to:

To City:

Doug Campbell, Senior Chemist
Public Utilities Department
EMTS Division
5530 Kiowa Dr.
La Mesa, CA 91942
(619) 668-3237

To Water Authority:

Jim Fisher, Operations and Maintenance Manager
San Diego County Water Authority
610 W 5th Ave
Escondido, CA 92025
(760) 233-3264

6.2 Headings. All article headings are for convenience only and shall not affect the interpretation of this Agreement.

6.3 Non-Assignment. Neither Party may assign the obligations or benefits under this Agreement, whether by express assignment or otherwise, nor any monies due or to become due hereunder, without the prior written consent of the other Party.

6.4 Independent Contractor. The City is an independent contractor and not the agent of the Water Authority. Any provisions of this Agreement that may appear to give the Water Authority any right to direct the City concerning the details of performing the Professional Services, or to exercise any control over such performance, shall mean only that the City shall follow the direction of the District concerning the end results of the performance.

6.5 Covenants and Conditions. All provisions of this Agreement expressed as either covenants or conditions on the part of the City or the Consultant, shall be deemed to be both covenants and conditions.

6.6 Jurisdiction, Venue, and Attorney Fees. The venue for any suit or proceeding concerning this Agreement, the interpretation or application of any of its terms, or any related disputes shall be in the County of San Diego, State of California. The prevailing Party in any such suit or proceeding shall be entitled to a reasonable award of attorney fees in addition to any other award made in such suit or proceeding.

6.7 Successors in Interest. This Agreement and all rights and obligations created by this Agreement shall be in force and effect whether or not any Parties to the Agreement have been succeeded by another entity, and all rights and obligations created by this Agreement shall be vested and binding on any Party's successor in interest.
6.8 Integration. This Agreement and the Exhibits and references incorporated into this Agreement fully express all understandings of the Parties concerning the matters covered in this Agreement. No change, alteration, or modification of the terms or conditions of this Agreement, and no verbal understanding of the Parties, their officers, agents, or employees shall be valid unless made in the form of a written change agreed to in writing by both Parties or an amendment to this Agreement agreed to by both Parties. All prior negotiations and agreements are merged into this Agreement.

6.9 Counterparts. This Agreement may be executed in counterparts, which when taken together shall constitute a single signed original as though all Parties had executed the same page.

6.10 No Waiver. No failure of either the City or the Water Authority to insist upon the strict performance by the other of any covenant, term or condition of this Agreement, nor any failure to exercise any right or remedy consequent upon a breach of any covenant, term, or condition of this Agreement, shall constitute a waiver of any such breach of such covenant, term or condition. No waiver of any breach shall affect or alter this Agreement, and each and every covenant, condition, and term hereof shall continue in full force and effect to any existing or subsequent breach.

6.11 Severability. The unenforceability, invalidity, or illegality of any provision of this Agreement shall not render any other provision of this Agreement unenforceable, invalid, or illegal.

6.12 Municipal Powers. Nothing contained in this Agreement shall be construed as a limitation upon the powers of the City as a chartered city of the State of California.

6.13 Drafting Ambiguities. The Parties agree that they are aware that they have the right to be advised by counsel with respect to the negotiations, terms and conditions of this Agreement, and the decision of whether or not to seek advice of counsel with respect to this Agreement is a decision which is the sole responsibility of each Party. This Agreement shall not be construed in favor of or against either Party by reason of the extent to which each Party participated in the drafting of the Agreement.

6.14 Signing Authority. The representative for each Party signing on behalf of a corporation, partnership, joint venture or governmental entity hereby declares that authority has been obtained to sign on behalf of the corporation, partnership, joint venture, or entity and agrees to hold the other Party or Parties hereto harmless if it is later determined that such authority does not exist.

6.15 Conflicts Between Terms. If an apparent conflict or inconsistency exists between the main body of this Agreement and the Exhibits, the main body of this Agreement shall control. If a conflict exists between an applicable federal, state, or local law, rule, regulation, order, or code and this Agreement, the law, rule, regulation, order, or code shall control. Varying degrees of stringency among the main body of this Agreement, the Exhibits, and laws, rules, regulations, orders, or codes are not deemed conflicts, and the most stringent requirement shall control. Each Party shall notify the other immediately upon the identification of any apparent conflict or inconsistency concerning this Agreement.
6.16 Exhibits Incorporated. All Exhibits referenced in this Agreement are incorporated into the Agreement by this reference.

IN WITNESS WHEREOF, this Agreement is executed by the City of San Diego, acting by and through its Mayor, pursuant to the San Diego Municipal Code 22.3207, authorizing such execution, and by the San Diego County Water Authority.

SAN DIEGO COUNTY WATER AUTHORITY           CITY OF SAN DIEGO

By: ______________________________________          By: ______________________________________
    Gary A. Eaton                                    Dennis Gakunga
    Director of Operations and                       Director Purchasing & Contracting
    Maintenance                                      

Date: ________________________________          Date: ________________________________

I HEREBY APPROVE the form and legality of the foregoing Agreement this _____ day of ________________________ , 2014.

JAN GOLDSMITH, City Attorney

By: ______________________________________
    Deputy City Attorney
EXHIBIT A

SCOPE OF SERVICES

City shall perform water quality testing and analysis services on treated and untreated water as described below.

1. Comply with all applicable regulations including, California Code of Regulations, Title 22, Chapter 19.

2. Employ EPA approved testing methods for all drinking water samples submitted for analysis.

3. Provide Chain of Custody standard operating procedure and sample forms prior to beginning testing services and review with the Water Authority Project Manager.

4. Maintain chain of custody and laboratory analysis records on file and accessible by the Water Authority at the contract laboratories office.

5. Meet turn-around times stated in the Price List contained in Exhibit B from sample delivery to delivery of reports for weekly, monthly, and annual samples. Notify the Water Authority Project Manager of exceptions to turn-around time, for example, radiological and exotic organic testing, and include the expected turn-around time for the constituents with the reason for exceeding the specified working day requirement.

6. Prepare sample bottles for each test ordered, pre-filled chain of custody form and pre-filled labels for pick-up by Water Authority, when requested by the Water Authority’s Project Manager.

7. Provide sample vials, bottles, and jars that are new or certified clean, ice chests, and blue ice upon request at no additional charge to the Water Authority. The sample containers shall include the proper preservatives and labels indicating which tests they shall be used for. Water Authority will pick up at City’s Water Quality Laboratory (WQL) at 5530 Kiowa Dr, La Mesa, CA.

8. Water Authority will deliver samples to WQL by 3:00 p.m.

9. In coordination with City staff, Water Authority Project Manager or designee may inspect City’s laboratory analysis and invoicing records.

10. Provide reports electronically to the Water Authority following all applicable reporting requirements for water quality testing results. Send reports to the attention of:

Chris Castaing, System Operations Supervisor
San Diego County Water Authority
610 W 5th Avenue, Escondido, CA 92025
11. Report results electronically to regulatory agencies as required by regulations. (Example: Title 22 testing is reported to California Department of Public Health)

12. Provide laboratory testing and analysis of water that shall include the following:

   A. California Toxics Rule Constituents: Provide testing services annually or as required. California Toxics Rule consists of 126 constituents as listed in the Federal Register Vol. 65, No. 97. See Appendix A.

   B. California Basin Plan Constituents: Provide testing services annually or as required in accordance with the California Basin Plan Constituents which are listed in Appendix B.

   C. California Ocean Plan Constituents: Provide testing services annually or as required in accordance with the California Ocean Plan Constituents which are listed in Appendix C.

   D. Title 22, California Code of Regulations: Provide testing services annually, or as required. For complete Title 22 regulatory requirements refer to the California Code of Regulations. For supplemental information, see: http://www.cdph.ca.gov/certlic/drinkingwater/Pages/Lawbook.aspx. Tables are shown in Appendix D. Testing services include the following.

   1. Turbidity and Total Suspended Solids (TSS)

   2. Inorganic Contaminants with Primary MCLs - Constituents include those in Table 64431-A; detection limits for the purpose of reporting (DLRs) per Table 64432-A

   3. Radioactivity - Radioactivity shall include combined radium -226 and radium 228, Gross Alpha particle activity including Radium -226 but excluding Radon and Uranium, Tritium, Strontium-90, Gross Beta particle activity, and Uranium

   4. Constituents with Secondary MCLs - Constituents include those in Table 64449A except for corrosivity and 64446-B except for specific conductance

   5. Organic Chemicals - Organic Chemicals per Table 64444-A; DLRs shall be per Table 64445.1A

   6. Other Unregulated Constituents – Constituents per Table 64450

   7. Other Constituents of Interest - Constituents include calcium, magnesium, sodium, potassium, bicarbonate, carbonate and free carbon dioxide

   8. Total Coliform, enumerated

   9. Fecal Coliform (or E-coli), enumerated
E. Source Water Analysis: Provide monthly, or as required, testing services for the following (5 samples each for Olivenhain Reservoir and 1 sample from Twin Oaks Valley Water Treatment Plant for SUVA only):

1. E. coli, QT CST
2. Total Coliform, QT CST
3. DOC, SM 5310B
4. UV254 Filtered, SM 5910B
5. SUVA calc, SM 5910
6. Iron, SM 3111
7. Manganese, EPA Method 200.8
8. TOC, SM 5310B
9. Sodium, SM3111
10. Alkalinity Part, SM 2320B
11. Alkalinity Total, SM 2320B
12. Hardness CA, SM 23401C
13. Hardness Total, SM 2340C
14. Bromide, EPA 300.0
15. Chloride, EPA 300.0
16. Fluoride, EPA 300.0
17. Phosphate O. EPA 300.0
18. Sulfate, EPA 300.0
19. Bicarbonate, Calc
20. Calcium, SM 3500-Ca D
21. Carbonate, Calc
22. Magnesium, SM 3500-Mg E
23. Non Carbonate Hardness, Calc
24. pH, Calc
25. Aluminum, EPA 200.8
26. Copper, EPA 200.8
27. Lead, EPA 200.8
28. Zinc, EPA 200.8
29. Ammonia N, EPA 353.2
30. Nitrates, Calc
31. Nitrates_Nitrite, EPA 353.2
32. Nitrite, EPA 353.2
33. Nitrates IC, EPA 300
34. TDS, SM 2540

F. Source Water Analysis: Provide weekly, or as required, testing services for the following (2 samples each from Olivenhain Reservoir and 1 sample from Twin Oaks Valley Water Treatment Plant for SUVA only):

1. E. coli, QT CST
2. Total Coliform, QT CST
3. DOC, SM 5310B
4. UV254 Filtered, SM 5910B
5. SUVA calc, SM 5910
6. MIB, SM6040D
7. Geosmin, SM6040D

13. Extended Services: The Water Authority may be required by regulation or have need for other water quality testing and analysis that is not listed above. City shall provide a fee schedule for each extended service test requested by the Water Authority. The Water Authority will request the test in writing and approve the fee schedule prior to City providing the testing services.

14. City’s Qualifications

A. The City shall maintain the subcontracted laboratory’s California state certification and Environmental Laboratory Accreditation Program (ELAP) accreditation for regulatory compliance analyses.

B. City shall provide proof of a minimum of five years of experience providing laboratory services that include chemical, physical, and/or microbiological analysis of water. Bac-T, Coliform, E. Coli, Perchlorate, Iron, Manganese, and Nitrates drinking water samples testing shall not be subcontracted to other laboratories for analysis.
### Appendix A - California Toxics Rule Constituents
From the Federal Register

<table>
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<tr>
<th>#</th>
<th>Compound</th>
<th>CAS Number</th>
<th>B Freshwater Maximum Conc.</th>
<th>B Freshwater Continuous Conc.</th>
<th>C Saltwater Maximum Conc.</th>
<th>C Saltwater Continuous Conc.</th>
<th>Water &amp; Organisms (µg/L)</th>
<th>Organisms Only (µg/L)</th>
<th>Human Health (10⁻⁶ risk for carcinogens) For consumption of:</th>
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<tr>
<td>1</td>
<td>Antimony</td>
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Laboratory Services
July 10, 2014
Page 239 of 358
San Diego County Water Authority
City of San Diego
## Appendix A - California Toxics Rule Constituents
From the Federal Register, continued

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<tr>
<td>74. Dibenzo(a,h)Anthracene</td>
<td>53703</td>
<td>0.0044 a,c</td>
<td>0.048 a,c</td>
</tr>
<tr>
<td>75. 1,2 Diclorobenzene</td>
<td>95501</td>
<td>2,700 a</td>
<td>17,000 a</td>
</tr>
<tr>
<td>76. 1,3 Diclorobenzene</td>
<td>541731</td>
<td>400</td>
<td>2,600</td>
</tr>
<tr>
<td>77. 1,4 Diclorobenzene</td>
<td>106487</td>
<td>400</td>
<td>2,600</td>
</tr>
<tr>
<td>78. 3,3'-Dichlorobenzidine</td>
<td>91941</td>
<td>0.04 a,c,s</td>
<td>0.077 a,c,t</td>
</tr>
<tr>
<td>79. Diethyl Phthalate</td>
<td>84862</td>
<td>23,000 a,s</td>
<td>120,000 a,1,</td>
</tr>
<tr>
<td>80. Dimethyl Phthalate</td>
<td>131113</td>
<td>313,000 a,s</td>
<td>2,500,000 a,t</td>
</tr>
<tr>
<td>81. Di-n-Butyl Phthalate</td>
<td>84742</td>
<td>2,700 a,s</td>
<td>12,000 a,t</td>
</tr>
<tr>
<td>82. 2,4-Dinitrotoluene</td>
<td>121142</td>
<td>0.11 c,s</td>
<td>9.1 c,t</td>
</tr>
<tr>
<td>83. 2,6-Dinitrotoluene</td>
<td>509202</td>
<td></td>
<td></td>
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<tr>
<td>84. Di-n-Octyl Phthalate</td>
<td>117840</td>
<td></td>
<td></td>
</tr>
<tr>
<td>85. 1,2-Diphenylhydrazine</td>
<td>122867</td>
<td>0.040 a,c,s</td>
<td>0.54 a,c,t</td>
</tr>
<tr>
<td>86. Fluoranthene</td>
<td>206440</td>
<td>300 a</td>
<td>370 a</td>
</tr>
<tr>
<td>87. Fluorene</td>
<td>85737</td>
<td>1,300 a</td>
<td>14,000 a</td>
</tr>
<tr>
<td>88. Hexachlorobenzene</td>
<td>118741</td>
<td>0.00075 a,c</td>
<td>0.0077 a,c</td>
</tr>
<tr>
<td>89. Hexachlorobutadiene</td>
<td>87683</td>
<td>0.44 a,c,s</td>
<td>50 a,c,t</td>
</tr>
<tr>
<td>90. Hexachlorocyclopentadiene</td>
<td>77474</td>
<td>240 a,s</td>
<td>17,000 a,t</td>
</tr>
<tr>
<td>91. Hexachloroethane</td>
<td>87721</td>
<td>1.9 a,c,s</td>
<td>8.9 a,c,t</td>
</tr>
</tbody>
</table>
## Appendix A - California Toxics Rule Constituents
From the Federal Register, continued

<table>
<thead>
<tr>
<th>Constituent</th>
<th>Code</th>
<th>MFCC</th>
<th>UPL</th>
<th>RPL</th>
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</thead>
<tbody>
<tr>
<td>Indeno(1,2,3-cd) Pyrene</td>
<td>02</td>
<td>193395</td>
<td>0.0044 a,c</td>
<td>0.049 a,c</td>
</tr>
<tr>
<td>Isophorone</td>
<td>93</td>
<td>78591</td>
<td>0.4 c,a</td>
<td>600 c,t</td>
</tr>
<tr>
<td>Naphthalene</td>
<td>94</td>
<td>91203</td>
<td>17 a,s</td>
<td>1,900 a,j,t</td>
</tr>
<tr>
<td>N,N-Dimethylformamide (DMF)</td>
<td>96</td>
<td>82759</td>
<td>0.00069 a,c</td>
<td>0.1 a,c,t</td>
</tr>
<tr>
<td>N,N-Dimethylpropylamine</td>
<td>97</td>
<td>821647</td>
<td>0.005 a</td>
<td>1.4 a</td>
</tr>
<tr>
<td>N,N-Dimethylaniline</td>
<td>98</td>
<td>86308</td>
<td>5.0 a,c</td>
<td>15 a,c,t</td>
</tr>
<tr>
<td>Phenanthrene</td>
<td>99</td>
<td>85018</td>
<td>960 a</td>
<td>11,000 a</td>
</tr>
<tr>
<td>Pyrene</td>
<td>100</td>
<td>129000</td>
<td>960 a</td>
<td>11,000 a</td>
</tr>
<tr>
<td>1,2,4-Trichlorobenzene</td>
<td>101</td>
<td>120821</td>
<td>0.00013 a,c</td>
<td>0.00014 a,c</td>
</tr>
<tr>
<td>Aldrin</td>
<td>102</td>
<td>309002</td>
<td>0.039 a,c</td>
<td>0.013 a,c</td>
</tr>
<tr>
<td>alpha-BHC</td>
<td>103</td>
<td>319846</td>
<td>0.014 a,c</td>
<td>0.045 a,c</td>
</tr>
<tr>
<td>beta-BHC</td>
<td>104</td>
<td>319857</td>
<td>0.19 c</td>
<td>0.063 c</td>
</tr>
<tr>
<td>gamma-BHC</td>
<td>105</td>
<td>58899</td>
<td>0.95 w</td>
<td>0.16 g</td>
</tr>
<tr>
<td>delta-BHC</td>
<td>106</td>
<td>319888</td>
<td>0.00059 a,c</td>
<td>0.00059 a,c</td>
</tr>
<tr>
<td>Chlorodane</td>
<td>107</td>
<td>57749</td>
<td>2.4 g</td>
<td>0.043 g</td>
</tr>
<tr>
<td>4,4'-DDD</td>
<td>108</td>
<td>50293</td>
<td>0.001 g</td>
<td>0.13 g</td>
</tr>
<tr>
<td>4,4'-DDE</td>
<td>109</td>
<td>72559</td>
<td>0.00059 a,c</td>
<td>0.00059 a,c</td>
</tr>
<tr>
<td>4,4'-DDT</td>
<td>110</td>
<td>72558</td>
<td>0.00083 a,c</td>
<td>0.00084 a,c</td>
</tr>
<tr>
<td>Dieldrin</td>
<td>111</td>
<td>60571</td>
<td>0.24 w</td>
<td>0.056 w</td>
</tr>
<tr>
<td>alpha-Endosulfan</td>
<td>112</td>
<td>999986</td>
<td>0.22 g</td>
<td>0.056 g</td>
</tr>
<tr>
<td>beta-Endosulfan</td>
<td>113</td>
<td>33213659</td>
<td>0.22 g</td>
<td>0.056 g</td>
</tr>
<tr>
<td>Endosulfan Sulfate</td>
<td>114</td>
<td>1031076</td>
<td>0.22 g</td>
<td>0.056 g</td>
</tr>
<tr>
<td>Endrin</td>
<td>115</td>
<td>72238</td>
<td>0.086 w</td>
<td>0.036 w</td>
</tr>
<tr>
<td>Endrin Aldehyde</td>
<td>116</td>
<td>7421934</td>
<td>0.75 a</td>
<td>0.81 a,j</td>
</tr>
<tr>
<td>Heptachlor</td>
<td>117</td>
<td>75446</td>
<td>0.52 g</td>
<td>0.0038 g</td>
</tr>
<tr>
<td>Heptachlor Epoxide</td>
<td>118</td>
<td>1024573</td>
<td>0.52 g</td>
<td>0.0038 g</td>
</tr>
<tr>
<td>Polychlorinated biphenyls (PCBs)</td>
<td>119-125</td>
<td>0.014 u</td>
<td>0.03 u</td>
<td>0.00017 c,v</td>
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<tr>
<td>Toxaphene</td>
<td>126</td>
<td>8081352</td>
<td>0.73</td>
<td>0.0002</td>
</tr>
</tbody>
</table>

Total Number of Criteria: 22 21 22 20 92 90
Appendix B - California Basin Plan Constituents
(Liquid)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boron by ICPMS</td>
<td>EPA 200.8</td>
</tr>
<tr>
<td>Chloride</td>
<td>EPA 300.0</td>
</tr>
<tr>
<td>Iron by Flame AA</td>
<td>SM 3111b</td>
</tr>
<tr>
<td>Fluoride by IC</td>
<td>EPA 300.0</td>
</tr>
<tr>
<td>Methylene Blue Active Subs</td>
<td>SM 5540C</td>
</tr>
<tr>
<td>Manganese by ICPMS</td>
<td>EPA 200.8</td>
</tr>
<tr>
<td>Sodium by Flame AA</td>
<td>SM 3111b</td>
</tr>
<tr>
<td>Nitrate-Nitrogen</td>
<td>EPA 300.0</td>
</tr>
<tr>
<td>Sulfate</td>
<td>EPA 300.0</td>
</tr>
<tr>
<td>Solids, Total Dis</td>
<td>SM 2540C</td>
</tr>
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</table>
Appendix C – California Ocean Plan Constituents

**Table B Parameters for Protection of Marine Aquatic Life**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonia Nitrogen, Total (as N)</td>
<td>SM4500-NH3 C</td>
</tr>
<tr>
<td>Phenolic Compounds (nonchlorinated)</td>
<td></td>
</tr>
<tr>
<td>2,4-Dimethylphenol</td>
<td>EPA 625</td>
</tr>
<tr>
<td>4,6-Dinitro-2-methylphenol</td>
<td>EPA 625</td>
</tr>
<tr>
<td>2,4-Dinitrophenol</td>
<td>EPA 625</td>
</tr>
<tr>
<td>2-Nitrophenol</td>
<td>EPA 625</td>
</tr>
<tr>
<td>4-Nitrophenol</td>
<td>EPA 625</td>
</tr>
<tr>
<td>Phenol</td>
<td>EPA 625</td>
</tr>
<tr>
<td>Phenolic Compounds (chlorinated)</td>
<td></td>
</tr>
<tr>
<td>4-Chloro-3-methylphenol</td>
<td>EPA 625</td>
</tr>
<tr>
<td>2-Chlorophenol</td>
<td>EPA 625</td>
</tr>
<tr>
<td>2,4-Dichlorophenol</td>
<td>EPA 625</td>
</tr>
<tr>
<td>Pentachlorophenol</td>
<td>EPA 625</td>
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<tr>
<td>2,4,6-Trichlorophenol</td>
<td>EPA 625</td>
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<tr>
<td>HCH</td>
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</tr>
<tr>
<td>BHC-alpha</td>
<td>EPA 608</td>
</tr>
<tr>
<td>BHC-beta</td>
<td>EPA 608</td>
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<tr>
<td>BHC-delta</td>
<td>EPA 608</td>
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<tr>
<td>BHC-gamma (Lindane)</td>
<td>EPA 608</td>
</tr>
<tr>
<td>Radioactivity</td>
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</tr>
<tr>
<td>Gross Alpha</td>
<td>EPA 900.0</td>
</tr>
<tr>
<td>Gross Beta</td>
<td>EPA 900.0</td>
</tr>
<tr>
<td>Uranium</td>
<td>EPA 908.1</td>
</tr>
<tr>
<td>Tritium</td>
<td>EPA 906.0</td>
</tr>
<tr>
<td>Radium 226</td>
<td>EPA 903.1</td>
</tr>
<tr>
<td>Radium 228</td>
<td>EPA 904.0</td>
</tr>
<tr>
<td>Strontium 90</td>
<td>EPA 905.0</td>
</tr>
<tr>
<td>Radon</td>
<td>SM7500 Rn</td>
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**Table B Parameters for Protection of Human Health – Non-Carcinogens**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tributyltin</td>
<td>Krone</td>
</tr>
</tbody>
</table>
Appendix C – California Ocean Plan Constituents, continued

Table B Parameters for Protection of Human Health – Carcinogens

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,3-dichloropropane</td>
<td>EPA 8260B</td>
</tr>
<tr>
<td>Halomethanes</td>
<td></td>
</tr>
<tr>
<td>Bromodichloromethane</td>
<td>EPA 8260B</td>
</tr>
<tr>
<td>Bromoform</td>
<td>EPA 8260B</td>
</tr>
<tr>
<td>Bromomethane</td>
<td>EPA 8260B</td>
</tr>
<tr>
<td>Chloroform</td>
<td>EPA 8260B</td>
</tr>
<tr>
<td>Chloromethane</td>
<td>EPA 8260B</td>
</tr>
<tr>
<td>Dibromochloromethane</td>
<td>EPA 8260B</td>
</tr>
<tr>
<td>Methylene Chloride</td>
<td>EPA 8260B</td>
</tr>
<tr>
<td>PAHs</td>
<td></td>
</tr>
<tr>
<td>Acenaphthene</td>
<td>EPA 625</td>
</tr>
<tr>
<td>Acenaphthylene</td>
<td>EPA 625</td>
</tr>
<tr>
<td>Anthracene</td>
<td>EPA 625</td>
</tr>
<tr>
<td>Benzo(a)anthracene</td>
<td>EPA 625</td>
</tr>
<tr>
<td>Benzo(b)fluoranthene</td>
<td>EPA 625</td>
</tr>
<tr>
<td>Benzo(k)fluoranthene</td>
<td>EPA 625</td>
</tr>
<tr>
<td>Benzo(g,h,i)perylene</td>
<td>EPA 625</td>
</tr>
<tr>
<td>Benzo(a)pyrene</td>
<td>EPA 625</td>
</tr>
<tr>
<td>Chrysene</td>
<td>EPA 625</td>
</tr>
<tr>
<td>Dibenzo(a,h)anthracene</td>
<td>EPA 625</td>
</tr>
<tr>
<td>Fluoranthene</td>
<td>EPA 625</td>
</tr>
<tr>
<td>Fluorene</td>
<td>EPA 625</td>
</tr>
<tr>
<td>Iodoc(1,2,3-cd)pyrene</td>
<td>EPA 625</td>
</tr>
<tr>
<td>Naphthalene</td>
<td>EPA 625</td>
</tr>
<tr>
<td>Phenanthrene</td>
<td>EPA 625</td>
</tr>
<tr>
<td>Pyrene</td>
<td>EPA 625</td>
</tr>
<tr>
<td>TCDD equivalents</td>
<td></td>
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<tr>
<td>TCDD (low level)</td>
<td>EPA 1613B</td>
</tr>
</tbody>
</table>
# Appendix D – Title 22, Chapter 15

**Table 64431-A**

**Maximum Contaminant Levels**

**Inorganic Chemicals**

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Maximum Contaminant Level, mg/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum</td>
<td>1.</td>
</tr>
<tr>
<td>Antimony</td>
<td>0.006</td>
</tr>
<tr>
<td>Arsenic</td>
<td>0.05</td>
</tr>
<tr>
<td>Asbestos</td>
<td>7 MFL*</td>
</tr>
<tr>
<td>Barium</td>
<td>1.</td>
</tr>
<tr>
<td>Beryllium</td>
<td>0.004</td>
</tr>
<tr>
<td>Cadmium</td>
<td>0.005</td>
</tr>
<tr>
<td>Chromium</td>
<td>0.05</td>
</tr>
<tr>
<td>Cyanide</td>
<td>0.15</td>
</tr>
<tr>
<td>Fluoride</td>
<td>2.0</td>
</tr>
<tr>
<td>Mercury</td>
<td>0.002</td>
</tr>
<tr>
<td>Nickel</td>
<td>0.1</td>
</tr>
<tr>
<td>Nitrate (as NO3)</td>
<td>45.</td>
</tr>
<tr>
<td>Nitrate+Nitrite (sum as nitrogen)</td>
<td>10.</td>
</tr>
<tr>
<td>Nitrite (as nitrogen)</td>
<td>1.</td>
</tr>
<tr>
<td>Selenium</td>
<td>0.05</td>
</tr>
<tr>
<td>Thallium</td>
<td>0.002</td>
</tr>
</tbody>
</table>

*MFL = million fibers per liter; MCL for fibers exceeding 10 um in length.

---

**Table 64432-A**

**Detection Limits for Purposes of Reporting (DLRs) for Regulated Inorganic Chemicals**

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Detection Limit for Purposes of Reporting (DLR) (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum</td>
<td>0.05</td>
</tr>
<tr>
<td>Antimony</td>
<td>0.006</td>
</tr>
<tr>
<td>Arsenic</td>
<td>0.002</td>
</tr>
<tr>
<td>Asbestos</td>
<td>0.2MFL&gt;10um*</td>
</tr>
<tr>
<td>Barium</td>
<td>0.1</td>
</tr>
<tr>
<td>Beryllium</td>
<td>0.001</td>
</tr>
<tr>
<td>Cadmium</td>
<td>0.001</td>
</tr>
<tr>
<td>Chromium</td>
<td>0.01</td>
</tr>
<tr>
<td>Cyanide</td>
<td>0.1</td>
</tr>
<tr>
<td>Fluoride</td>
<td>0.1</td>
</tr>
<tr>
<td>Mercury</td>
<td>0.001</td>
</tr>
<tr>
<td>Nickel</td>
<td>0.01</td>
</tr>
<tr>
<td>Nitrate (as NO3)</td>
<td>2.</td>
</tr>
<tr>
<td>Nitrite (as nitrogen)</td>
<td>0.4</td>
</tr>
<tr>
<td>Selenium</td>
<td>0.005</td>
</tr>
<tr>
<td>Thallium</td>
<td>0.001</td>
</tr>
</tbody>
</table>

*MFL = million fibers per liter; DLR for fibers exceeding 10 um in length.
### MCL Radioactivity

<table>
<thead>
<tr>
<th>Constituent</th>
<th>Maximum Contaminant Level, pCi/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Combined Radium-226 and Radium-228</td>
<td>5</td>
</tr>
<tr>
<td>Gross Alpha particle activity (including Radium-226 but excluding Radon and Uranium)</td>
<td>15</td>
</tr>
<tr>
<td>Tritium</td>
<td>20,000</td>
</tr>
<tr>
<td>Strontium-90</td>
<td>8</td>
</tr>
<tr>
<td>Gross Beta particle activity</td>
<td>50</td>
</tr>
<tr>
<td>Uranium</td>
<td>20</td>
</tr>
</tbody>
</table>

### Table 64449-A

Secondary Maximum Contaminant Levels

<table>
<thead>
<tr>
<th>Constituents</th>
<th>Maximum Contaminant Levels/Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum</td>
<td>0.2 mg/L</td>
</tr>
<tr>
<td>Color</td>
<td>15 Units</td>
</tr>
<tr>
<td>Copper</td>
<td>1.0 mg/L</td>
</tr>
<tr>
<td>Foaming Agents (MBAS)</td>
<td>0.5 mg/L</td>
</tr>
<tr>
<td>Iron</td>
<td>0.3 mg/L</td>
</tr>
<tr>
<td>Manganese</td>
<td>0.05 mg/L</td>
</tr>
<tr>
<td>Methyl-tert-butyl ether (MTBE)</td>
<td>0.005 mg/L</td>
</tr>
<tr>
<td>Odor—Threshold</td>
<td>3 Units</td>
</tr>
<tr>
<td>Silver</td>
<td>0.1 mg/L</td>
</tr>
<tr>
<td>Thiobencarb</td>
<td>0.001 mg/L</td>
</tr>
<tr>
<td>Turbidity</td>
<td>5 Units</td>
</tr>
<tr>
<td>Zinc</td>
<td>5.0 mg/L</td>
</tr>
</tbody>
</table>

### Table 64449-B

Secondary Maximum Contaminant Levels – Ranges

<table>
<thead>
<tr>
<th>Constituent, Units</th>
<th>Recommended</th>
<th>Upper</th>
<th>Short Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Dissolved Solids, mg/L</td>
<td>500</td>
<td>1,000</td>
<td>1,500</td>
</tr>
<tr>
<td>Chloride, mg/L</td>
<td>250</td>
<td>500</td>
<td>600</td>
</tr>
<tr>
<td>Sulfate, mg/L</td>
<td>250</td>
<td>500</td>
<td>600</td>
</tr>
</tbody>
</table>
### Table 64444-A
**Maximum Contaminant Levels**
**Organic Chemicals**

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Maximum Contaminant Level, mg/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzene</td>
<td>0.001</td>
</tr>
<tr>
<td>Carbon Tetrachloride</td>
<td>0.0005</td>
</tr>
<tr>
<td>1,2-Dichlorobenzene</td>
<td>0.6</td>
</tr>
<tr>
<td>1,4-Dichlorobenzene</td>
<td>0.005</td>
</tr>
<tr>
<td>1,1-Dichloroethane</td>
<td>0.005</td>
</tr>
<tr>
<td>1,2-Dichloroethane</td>
<td>0.0005</td>
</tr>
<tr>
<td>1,1-Dichloroethylene</td>
<td>0.006</td>
</tr>
<tr>
<td>cis-1,2-Dichloroethylene</td>
<td>0.006</td>
</tr>
<tr>
<td>trans-1,2-Dichloroethylene</td>
<td>0.01</td>
</tr>
<tr>
<td>Dichloromethane</td>
<td>0.005</td>
</tr>
<tr>
<td>1,2-Dichloropropane</td>
<td>0.005</td>
</tr>
<tr>
<td>1,3-Dichloropropene</td>
<td>0.0005</td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td>0.3</td>
</tr>
<tr>
<td>Methyl-tert-butyl ether</td>
<td>0.013</td>
</tr>
<tr>
<td>Monochlorobenzene</td>
<td>0.07</td>
</tr>
<tr>
<td>Styrene</td>
<td>0.1</td>
</tr>
<tr>
<td>1,1,2,2-Tetrachloroethane</td>
<td>0.001</td>
</tr>
<tr>
<td>Tetrachloroethylene</td>
<td>0.005</td>
</tr>
<tr>
<td>Toluene</td>
<td>0.15</td>
</tr>
<tr>
<td>1,2,4-Trichlorobenzene</td>
<td>0.005</td>
</tr>
<tr>
<td>1,1,1-Trichloroethane</td>
<td>0.200</td>
</tr>
<tr>
<td>1,1,2-Trichloroethane</td>
<td>0.005</td>
</tr>
<tr>
<td>Trichloroethylene</td>
<td>0.005</td>
</tr>
<tr>
<td>Trichlorofluoromethane</td>
<td>0.15</td>
</tr>
<tr>
<td>1,1,2-Trichloro-1,2,2-Trifluoroethane</td>
<td>1.2</td>
</tr>
<tr>
<td>Vinyl Chloride</td>
<td>0.0005</td>
</tr>
<tr>
<td>Xylenes</td>
<td>1.750*</td>
</tr>
</tbody>
</table>

*MCL is for either a single isomer or the sum of the isomers.
Table 64444-A (continued)
Maximum Contaminant Levels
Organic Chemicals

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Maximum Contaminant Level, mg/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>(b) Non-Volatile Synthetic Organic Chemicals (SOCs)</td>
<td></td>
</tr>
<tr>
<td>Alachlor</td>
<td>0.002</td>
</tr>
<tr>
<td>Atrazine</td>
<td>0.001</td>
</tr>
<tr>
<td>Bentazon</td>
<td>0.018</td>
</tr>
<tr>
<td>Benzo(a)pyrene</td>
<td>0.0002</td>
</tr>
<tr>
<td>Carbofuran</td>
<td>0.018</td>
</tr>
<tr>
<td>Chlordane</td>
<td>0.0001</td>
</tr>
<tr>
<td>2,4-D</td>
<td>0.07</td>
</tr>
<tr>
<td>Dalapon</td>
<td>0.2</td>
</tr>
<tr>
<td>Dibromochloropropane</td>
<td>0.0002</td>
</tr>
<tr>
<td>Di(2-ethylhexyl)adipate</td>
<td>0.4</td>
</tr>
<tr>
<td>Di(2-ethylhexyl)phthalate</td>
<td>0.004</td>
</tr>
<tr>
<td>Dinoseb</td>
<td>0.007</td>
</tr>
<tr>
<td>Diquat</td>
<td>0.02</td>
</tr>
<tr>
<td>Endothall</td>
<td>0.1</td>
</tr>
<tr>
<td>Endrin</td>
<td>0.002</td>
</tr>
<tr>
<td>Ethylene Dibromide</td>
<td>0.00005</td>
</tr>
<tr>
<td>Glyphosate</td>
<td>0.7</td>
</tr>
<tr>
<td>Heptachlor</td>
<td>0.00001</td>
</tr>
<tr>
<td>Heptachlor Epoxide</td>
<td>0.00001</td>
</tr>
<tr>
<td>Hexachlorobenzene</td>
<td>0.001</td>
</tr>
<tr>
<td>Hexachlorocyclopentadiene</td>
<td>0.05</td>
</tr>
<tr>
<td>Lindane</td>
<td>0.0002</td>
</tr>
<tr>
<td>Methoxychlor</td>
<td>0.03</td>
</tr>
<tr>
<td>Molinate</td>
<td>0.02</td>
</tr>
<tr>
<td>Oxamyl</td>
<td>0.05</td>
</tr>
<tr>
<td>Pentachlorophenol</td>
<td>0.001</td>
</tr>
<tr>
<td>Picloram</td>
<td>0.5</td>
</tr>
<tr>
<td>Polychlorinated Biphenyls</td>
<td>0.005</td>
</tr>
<tr>
<td>Simazine</td>
<td>0.004</td>
</tr>
<tr>
<td>Thiobencarb</td>
<td>0.07</td>
</tr>
<tr>
<td>Toxaphene</td>
<td>0.003</td>
</tr>
<tr>
<td>2,3,7,8-TCDD (Dioxin)</td>
<td>$3 \times 10^{-8}$</td>
</tr>
<tr>
<td>2,4,5-TP (Silvex)</td>
<td>0.05</td>
</tr>
</tbody>
</table>
Table 64445.1-A
Detection Limits for Purposes of Reporting (DLRs)
For Regulated Organic Chemicals

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Detection Limit for Purposes of Reporting (DLR) (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) All VOCs, except as listed</td>
<td>0.0005</td>
</tr>
<tr>
<td>Methyl-tert-butyl ether</td>
<td>0.003</td>
</tr>
<tr>
<td>Trichlorofluoromethane</td>
<td>0.005</td>
</tr>
<tr>
<td>1,1,2-Trichloro-1,2,2-Trifluoroethane</td>
<td>0.01</td>
</tr>
<tr>
<td>(b) SOC's</td>
<td></td>
</tr>
<tr>
<td>Alachlor</td>
<td>0.001</td>
</tr>
<tr>
<td>Atrazine</td>
<td>0.0005</td>
</tr>
<tr>
<td>Bentazon</td>
<td>0.002</td>
</tr>
<tr>
<td>Benzo(a)pyrene</td>
<td>0.0001</td>
</tr>
<tr>
<td>Carbofuran</td>
<td>0.005</td>
</tr>
<tr>
<td>Chlordane</td>
<td>0.0001</td>
</tr>
<tr>
<td>2,4-D</td>
<td>0.01</td>
</tr>
<tr>
<td>Dalapon</td>
<td>0.01</td>
</tr>
<tr>
<td>Dibromochloropropane (DBCP)</td>
<td>0.00001</td>
</tr>
<tr>
<td>Di(2-ethylhexyl)adipate</td>
<td>0.005</td>
</tr>
<tr>
<td>Di(2-ethylhexyl)phthalate</td>
<td>0.003</td>
</tr>
<tr>
<td>Dinoseb</td>
<td>0.002</td>
</tr>
<tr>
<td>Diquat</td>
<td>0.004</td>
</tr>
<tr>
<td>Endothall</td>
<td>0.045</td>
</tr>
<tr>
<td>Endrin</td>
<td>0.0001</td>
</tr>
<tr>
<td>Ethylene dibromide (EDB)</td>
<td>0.00002</td>
</tr>
<tr>
<td>Glyphosate</td>
<td>0.025</td>
</tr>
<tr>
<td>Heptachlor</td>
<td>0.00001</td>
</tr>
<tr>
<td>Heptachlor epoxide</td>
<td>0.00001</td>
</tr>
<tr>
<td>Hexachlorobenzene</td>
<td>0.0005</td>
</tr>
<tr>
<td>Hexachlorocyclopentadiene</td>
<td>0.001</td>
</tr>
<tr>
<td>Lindane</td>
<td>0.0002</td>
</tr>
<tr>
<td>Methoxychlor</td>
<td>0.01</td>
</tr>
<tr>
<td>Molinate</td>
<td>0.002</td>
</tr>
<tr>
<td>Oxamyl</td>
<td>0.02</td>
</tr>
<tr>
<td>Pentachlorophenol</td>
<td>0.0002</td>
</tr>
<tr>
<td>Piofarom</td>
<td>0.001</td>
</tr>
<tr>
<td>Polychlorinated biphenyls (PCBs) (as decachlorobiphenyl)</td>
<td>0.0005</td>
</tr>
<tr>
<td>Simazine</td>
<td>0.001</td>
</tr>
<tr>
<td>Thiobencarb</td>
<td>0.001</td>
</tr>
<tr>
<td>Toxaphene</td>
<td>0.001</td>
</tr>
<tr>
<td>2,3,7,8-TCDD (Dioxin)</td>
<td>5 x 10⁻⁹</td>
</tr>
<tr>
<td>2,4,5-TP (Silvex)</td>
<td>0.001</td>
</tr>
</tbody>
</table>
### Table 64450
Unregulated Chemicals

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Synonyms</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) Boron</td>
<td></td>
</tr>
<tr>
<td>(2) Chromium VI</td>
<td>Hexavalent chromium</td>
</tr>
<tr>
<td>(3) Dichlorodifluoromethane</td>
<td>Difluorodichloromethane</td>
</tr>
<tr>
<td>(4) Ethyl-tert-butyl ether</td>
<td>ETBE</td>
</tr>
<tr>
<td>(5) Perchlorate</td>
<td></td>
</tr>
<tr>
<td>(6) tert-Amyl-methyl ether</td>
<td>TAME</td>
</tr>
<tr>
<td>(7) tert-Butyl alcohol</td>
<td>TBA</td>
</tr>
<tr>
<td>(8) 1,2,3-Trichloropropane</td>
<td>TCP</td>
</tr>
<tr>
<td>(9) Vanadium</td>
<td></td>
</tr>
</tbody>
</table>
# City of San Diego - EMTS Pricing

## Analysis of San Diego - EMTS Pricing

### A. CA Toxic Rule Constituents - 126 Constituents listed under Federal Register Vol 63, No 97

<table>
<thead>
<tr>
<th>Constituent</th>
<th>Method</th>
<th>Analysis Cost</th>
<th>CWA Cost</th>
<th>Qty/year</th>
<th>Extended Cost</th>
<th>Turnaround Time</th>
<th>EMTS Sec.</th>
<th>Cost Sharing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metals by ICP</td>
<td>EPA 200.7</td>
<td>$153.00</td>
<td>$153.00</td>
<td>1</td>
<td>$153.00</td>
<td>6-8 weeks</td>
<td>WCS</td>
<td>N</td>
</tr>
<tr>
<td>Chromium (VI)</td>
<td>SM3500-C 8 (208) or EPA 218.7</td>
<td>$35.00</td>
<td>$35.00</td>
<td>1</td>
<td>$35.00</td>
<td>5-8 weeks</td>
<td>WCS</td>
<td>N</td>
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<tr>
<td>Cynicides</td>
<td>EPA 313.4</td>
<td>$271.00</td>
<td>$271.00</td>
<td>1</td>
<td>$271.00</td>
<td>6-8 weeks</td>
<td>WCS</td>
<td>N</td>
</tr>
<tr>
<td>Semivolatile Organic Compounds</td>
<td>EPA 625</td>
<td>$236.00</td>
<td>$236.00</td>
<td>1</td>
<td>$236.00</td>
<td>6-8 weeks</td>
<td>WCS</td>
<td>N</td>
</tr>
<tr>
<td>Organochlorine Pesticides and PCBs</td>
<td>EPA 606</td>
<td>$278.00</td>
<td>$278.00</td>
<td>1</td>
<td>$278.00</td>
<td>6-8 weeks</td>
<td>WCS</td>
<td>N</td>
</tr>
<tr>
<td>Volatile Organic Compounds</td>
<td>EPA 8260B</td>
<td>$170.00</td>
<td>$170.00</td>
<td>1</td>
<td>$170.00</td>
<td>6-8 weeks</td>
<td>WCS</td>
<td>N</td>
</tr>
<tr>
<td>Dioxin</td>
<td>EPA 625</td>
<td>$850.00</td>
<td>$850.00</td>
<td>1</td>
<td>$850.00</td>
<td>6-8 weeks</td>
<td>Subcontract</td>
<td>N</td>
</tr>
<tr>
<td>Asbestos</td>
<td>EPA 200.7</td>
<td>$110.00</td>
<td>$110.00</td>
<td>1</td>
<td>$110.00</td>
<td>6-8 weeks</td>
<td>Subcontract</td>
<td>N</td>
</tr>
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</table>

**SUB-TOTAL** | **$3,609.00** |

### B. California Basin Plan Constituents (Liquid)

<table>
<thead>
<tr>
<th>Constituent</th>
<th>Method</th>
<th>Analysis Cost</th>
<th>CWA Cost</th>
<th>Qty/year</th>
<th>Extended Cost</th>
<th>Turnaround Time</th>
<th>EMTS Sec.</th>
<th>Cost Sharing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metals by ICP-MS</td>
<td>EPA 200.8</td>
<td>$105.00</td>
<td>$105.00</td>
<td>1</td>
<td>$105.00</td>
<td>4 weeks</td>
<td>WQCS</td>
<td>N</td>
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<tr>
<td>Anions by IC</td>
<td>EPA 300.0</td>
<td>$64.00</td>
<td>$64.00</td>
<td>1</td>
<td>$64.00</td>
<td>4 weeks</td>
<td>WQCS</td>
<td>N</td>
</tr>
<tr>
<td>AA-Iron</td>
<td>SM3111B</td>
<td>$33.00</td>
<td>$33.00</td>
<td>1</td>
<td>$33.00</td>
<td>4 weeks</td>
<td>WQCS</td>
<td>N</td>
</tr>
<tr>
<td>AA-Sodium</td>
<td>SM3111B</td>
<td>$33.00</td>
<td>$33.00</td>
<td>1</td>
<td>$33.00</td>
<td>4 weeks</td>
<td>WQCS</td>
<td>N</td>
</tr>
<tr>
<td>Total Dissolved Solids</td>
<td>SM2540C</td>
<td>$54.00</td>
<td>$54.00</td>
<td>1</td>
<td>$54.00</td>
<td>2 weeks</td>
<td>WQCS</td>
<td>N</td>
</tr>
<tr>
<td>MBAS</td>
<td>SM2540C</td>
<td>$66.00</td>
<td>$66.00</td>
<td>1</td>
<td>$66.00</td>
<td>6-8 weeks</td>
<td>WCS</td>
<td>N</td>
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**SUB-TOTAL** | **$355.00** |

### C. California Ocean Plan Constituents

<table>
<thead>
<tr>
<th>Constituent</th>
<th>Method</th>
<th>Analysis Cost</th>
<th>CWA Cost</th>
<th>Qty/year</th>
<th>Extended Cost</th>
<th>Turnaround Time</th>
<th>EMTS Sec.</th>
<th>Cost Sharing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonia Nitrogen, Total</td>
<td>SM4500-NH3 C</td>
<td>$29.00</td>
<td>$29.00</td>
<td>1</td>
<td>$29.00</td>
<td>6-8 weeks</td>
<td>WCS</td>
<td>N</td>
</tr>
<tr>
<td>Phenols (non-phenolated)</td>
<td>EPA 625</td>
<td>$220.00</td>
<td>$220.00</td>
<td>1</td>
<td>$220.00</td>
<td>6-8 weeks</td>
<td>WCS</td>
<td>N</td>
</tr>
<tr>
<td>Phenols (phenolated)</td>
<td>EPA 625</td>
<td>$220.00</td>
<td>$220.00</td>
<td>1</td>
<td>$220.00</td>
<td>6-8 weeks</td>
<td>WCS</td>
<td>N</td>
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<tr>
<td>HCH</td>
<td>EPA 608</td>
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<td>$278.00</td>
<td>1</td>
<td>$278.00</td>
<td>6-8 weeks</td>
<td>WCS</td>
<td>N</td>
</tr>
<tr>
<td>Gross Alpha particle activity (excluding Radon and Uranium)</td>
<td>EPA 900</td>
<td>$50.00</td>
<td>$50.00</td>
<td>1</td>
<td>$50.00</td>
<td>6-8 weeks</td>
<td>Subcontract</td>
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<tr>
<td>Gross beta particle activity</td>
<td>EPA 900</td>
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<td>$50.00</td>
<td>1</td>
<td>$50.00</td>
<td>6-8 weeks</td>
<td>Subcontract</td>
<td>N</td>
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<tr>
<td>Uranium</td>
<td>EPA 908.1</td>
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<td>6-8 weeks</td>
<td>Subcontract</td>
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<tr>
<td>Tritium</td>
<td>EPA 906</td>
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<td>1</td>
<td>$80.00</td>
<td>6-8 weeks</td>
<td>Subcontract</td>
<td>N</td>
</tr>
<tr>
<td>Combined Radium-226 and Radium-228</td>
<td>EPA 903.1, EPA 904</td>
<td>$320.00</td>
<td>$320.00</td>
<td>1</td>
<td>$320.00</td>
<td>6-8 weeks</td>
<td>Subcontract</td>
<td>N</td>
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<tr>
<td>Strontium-90</td>
<td>EPA 905</td>
<td>$115.00</td>
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<td>$115.00</td>
<td>6-8 weeks</td>
<td>Subcontract</td>
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<td>Radon</td>
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<td>6-8 weeks</td>
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</tr>
<tr>
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<td>WCS method</td>
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<td>$112.00</td>
<td>6-8 weeks</td>
<td>WCS</td>
<td>N</td>
</tr>
<tr>
<td>1,3-dichloropropane</td>
<td>EPA 8260B</td>
<td>$170.00</td>
<td>$170.00</td>
<td>1</td>
<td>$170.00</td>
<td>6-8 weeks</td>
<td>WCS</td>
<td>N</td>
</tr>
<tr>
<td>Halogenated Hydrocarbons</td>
<td>EPA 8260B</td>
<td>$170.00</td>
<td>$170.00</td>
<td>1</td>
<td>$170.00</td>
<td>6-8 weeks</td>
<td>WCS</td>
<td>N</td>
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<tr>
<td>PAHs</td>
<td>EPA 625</td>
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<td>$220.00</td>
<td>1</td>
<td>$220.00</td>
<td>6-8 weeks</td>
<td>WCS</td>
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<tr>
<td>TCDD</td>
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<td>$850.00</td>
<td>6-8 weeks</td>
<td>Subcontract</td>
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</tr>
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</table>

**SUB-TOTAL** | **$3,054.00** |

### D. Title 22

<table>
<thead>
<tr>
<th>Constituent</th>
<th>Method</th>
<th>Analysis Cost</th>
<th>CWA Cost</th>
<th>Qty/year</th>
<th>Extended Cost</th>
<th>Turnaround Time</th>
<th>EMTS Sec.</th>
<th>Cost Sharing</th>
</tr>
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<tr>
<td>Total Suspended Solids</td>
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<td>1</td>
<td>$22.00</td>
<td>4 weeks</td>
<td>WQCS</td>
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<table>
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<tr>
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<th>Method</th>
<th>Analysis Cost</th>
<th>CWA Cost</th>
<th>Qty/year</th>
<th>Extended Cost</th>
<th>Turnaround Time</th>
<th>EMTS Sec.</th>
<th>Cost Sharing</th>
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<td>Inorganic Contaminants with Primary MCLs</td>
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<tr>
<td>Metals by ICP-MS</td>
<td>EPA 200.8</td>
<td>$105.00</td>
<td>$52.50</td>
<td>1</td>
<td>$52.50</td>
<td>4 weeks</td>
<td>WQCS</td>
<td>Y</td>
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<td>Anions by IC</td>
<td>EPA 300.0</td>
<td>$64.00</td>
<td>$32.00</td>
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<td>$32.00</td>
<td>4 weeks</td>
<td>WQCS</td>
<td>Y</td>
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---

1. SM= Standard Methods. EPA=Environmental Protection Agency.
# EXHIBIT B

**Prices For Analytical Services to the San Diego County Water Authority**

<table>
<thead>
<tr>
<th>Analysis</th>
<th>Method⁴</th>
<th>Analysis Cost</th>
<th>CWA Cost</th>
<th>Qty/year</th>
<th>Extended Cost</th>
<th>Turnaround Time</th>
<th>EMTS Sec.</th>
<th>Cost Sharing</th>
</tr>
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<tbody>
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<td>Cyanide</td>
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<td>Ammonia/nitrite/Nitrate(calc)</td>
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<td>$11.50</td>
<td>1 week</td>
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<td>Mercury</td>
<td>EPA 200.8</td>
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<td>6 - 8 weeks</td>
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<td>Combined Radium-226 and Radium-228</td>
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<td>$320.00</td>
<td>$160.00</td>
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<td>Gross Alpha particle activity (excluding Radon and Uranium)</td>
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<td>Strontium-90</td>
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<td>Gross beta particle activity</td>
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<td>Uranium</td>
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<td>Metals by ICP-MS</td>
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<td>Included above</td>
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<td>1</td>
<td>$27.00</td>
<td>1 week</td>
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<td>Anions by IC</td>
<td>EPA 300.0</td>
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<td>Included above</td>
<td>1</td>
<td>4 weeks</td>
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<td>1 week</td>
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<td>Organics</td>
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<td>Volatile Organic Chemicals (VOCs)</td>
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<td>1</td>
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<td>4 weeks</td>
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<td>Included above</td>
<td>1</td>
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<td>WQCS</td>
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<td>4 weeks</td>
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<td>1,2,3-Trichloropropene</td>
<td>SRI 524M-TCP</td>
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<td>$84.00</td>
<td>4 weeks</td>
<td>WQCS</td>
<td>Y</td>
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<td>Other Constituents</td>
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<td></td>
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<tr>
<td>Calcium</td>
<td>SM3500 Ca D, Mg E or SM3111B</td>
<td>$33.00</td>
<td>16.50</td>
<td>1</td>
<td>$16.50</td>
<td>4 weeks</td>
<td>Y</td>
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<td>Magnesium</td>
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<td>16.50</td>
<td>1</td>
<td>$16.50</td>
<td>4 weeks</td>
<td>Y</td>
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<td>Sodium</td>
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<td>4 weeks</td>
<td>Y</td>
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<td>Y</td>
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<td>16.50</td>
<td>1</td>
<td>$16.50</td>
<td>4 weeks</td>
<td>WQCS</td>
<td>Y</td>
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<tr>
<td>Coliform, Total and E. coli (Enumeration)</td>
<td>SM9223, B</td>
<td>$37.00</td>
<td>18.50</td>
<td>1</td>
<td>$18.50</td>
<td>2 weeks</td>
<td>Micro</td>
<td>Y</td>
</tr>
</tbody>
</table>

**Sub-Total**: $2,467.50

---

1 SM= Standard Methods. EPA=Environmental Protection Agency.
## EXHIBIT B
Prices For Analytical Services to the San Diego County Water Authority

<table>
<thead>
<tr>
<th>Analysis</th>
<th>Method</th>
<th>Analysis Cost</th>
<th>CWA Cost</th>
<th>Qty/year</th>
<th>Extended Cost</th>
<th>Turnaround Time</th>
<th>EMTS Sec</th>
<th>Cost Sharing</th>
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<tbody>
<tr>
<td><strong>E. Source Water Analysis - 5 Samples Monthly, Including 1 Monthly for Twin Oaks Valley WTP SUVA</strong></td>
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<td></td>
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<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Iron</td>
<td>SM3111B</td>
<td>$33.00</td>
<td>$16.50</td>
<td>60</td>
<td>$990.00</td>
<td>2 weeks</td>
<td>WQCS</td>
<td>Y</td>
</tr>
<tr>
<td>Sodium</td>
<td>SM3111B</td>
<td>$33.00</td>
<td>$16.50</td>
<td>60</td>
<td>$990.00</td>
<td>2 weeks</td>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>Calcium</td>
<td>SM3111B</td>
<td>$33.00</td>
<td>$16.50</td>
<td>60</td>
<td>$990.00</td>
<td>2 weeks</td>
<td>Y</td>
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<tr>
<td>Magnesium</td>
<td>SM3500-Ca D or SM3500</td>
<td>$33.00</td>
<td>$16.50</td>
<td>60</td>
<td>$990.00</td>
<td>2 weeks</td>
<td>Y</td>
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<td>TOC</td>
<td>SM3510B</td>
<td>$23.00</td>
<td>$11.50</td>
<td>72</td>
<td>$690.00</td>
<td>2 weeks</td>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>UV254 Filtered</td>
<td>SM3510B</td>
<td>$23.00</td>
<td>$11.50</td>
<td>72</td>
<td>$690.00</td>
<td>2 weeks</td>
<td>Y</td>
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<td>SUVA calc.</td>
<td>SM6591B</td>
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<td>n/c</td>
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<td>Total and Partial Alkalinity, Conductivity</td>
<td>SM23208, SM23510</td>
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<td>$16.50</td>
<td>60</td>
<td>$990.00</td>
<td>2 weeks</td>
<td>Y</td>
<td></td>
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<td>Total and Calcium Hardness</td>
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<td>$47.50</td>
<td>60</td>
<td>$2,850.00</td>
<td>2 weeks</td>
<td>Y</td>
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<tr>
<td>Total Dissolved Solids</td>
<td>SM2540C</td>
<td>$54.00</td>
<td>$27.00</td>
<td>60</td>
<td>$1,620.00</td>
<td>2 weeks</td>
<td>Y</td>
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<tr>
<td>Anions by I/C</td>
<td>EPA 300.0</td>
<td>$64.00</td>
<td>$32.00</td>
<td>60</td>
<td>$1,920.00</td>
<td>2 weeks</td>
<td>Y</td>
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</tr>
<tr>
<td>Bicarbonate, carbonate, Non-carbonate hardness, pH</td>
<td>Calc</td>
<td>n/c</td>
<td>n/c</td>
<td>60</td>
<td></td>
<td>2 weeks</td>
<td>Y</td>
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<tr>
<td>Nitrate, ammonia, total nitrogen</td>
<td>EPA 353.2</td>
<td>$23.00</td>
<td>$11.50</td>
<td>60</td>
<td>$690.00</td>
<td>2 weeks</td>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>Metals by ICP-MS (Al, Mn, Cu, Pb, Zn)</td>
<td>EPA 200.8</td>
<td>$106.00</td>
<td>$53.00</td>
<td>60</td>
<td>$3,180.00</td>
<td>2 weeks</td>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>Coliform, Total and E. coli (Enumeration)</td>
<td>SM9223, B</td>
<td>$37.00</td>
<td>$18.50</td>
<td>60</td>
<td>$1,110.00</td>
<td>2 weeks</td>
<td>Micro</td>
<td>Y</td>
</tr>
</tbody>
</table>

**SUB-TOTAL** $19,026.00

| **F. Source Water Analysis - 2 Samples Weekly, Including 1 Weekly for Twin Oaks Valley WTP SUVA** |         |               |          |          |               |                 |          |              |
| DOC                                           | SM3510B | $33.00        | $16.50   | 120      | $1,980.00     | 1 week          | Y        |              |
| UV254 Filtered                                | SM6510B | $23.00        | $11.50   | 120      | $1,380.00     | 1 week          | Y        |              |
| SUVA calc.                                    | SM3510B | n/c           | n/c      | 120      |               | 1 week          | Y        |              |
| Mill / Geosmin                                | SM0404D | $38.00        | $19.00   | 80       | $1,520.00     | 1 week          | Y        |              |
| Coliform, Total and E. coli (Enumeration)     | SM9223, B | $37.00      | $18.50   | 80       | $1,480.00     | 1 week          | Micro    | Y            |

**SUB-TOTAL** $6,360.00

**TOTAL** $33,386.90

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1 SM= Standard Methods. EPA=Environmental Protection Agency.
## EXHIBIT C

City of San Diego - Water Quality Chemistry Services  
Client/Source: CWA - Olivenhain Reservoir

**Monthly Profile Analysis**  
Sample Collection Date: November 12, 2013  
Report Date: December 17, 2013

| Artificial Reefs | Sample Date | Sample Code | ND | Mn | Mg | Na | K | Ca | Fe | Al | Si | Pb | Ni | Zn | Mn | Co | Cu | Cd | Cr | V | Ti | Hg | Pb | Bi | Comments |
|-----------------|-------------|-------------|-----|----|----|----|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|
|                 |             |             |     |    |    |    |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |
| **Limits**      |             |             |     |    |    |    |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |
| **COD**         |             |             |     |    |    |    |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |
| **BOD**         |             |             |     |    |    |    |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |
| **pH**          |             |             |     |    |    |    |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |
| **TDS**         |             |             |     |    |    |    |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |
| **EC**          |             |             |     |    |    |    |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |
| **Temperature** |             |             |     |    |    |    |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |

Data contained in this report is preliminary and has not been fully quality reviewed. If any changes are made to this data upon full quality assurance review a follow-up report will be distributed.
August 20, 2014

Attention: Engineering and Operations Committee

Design-Build contract with NEWest Construction Company, Inc. for the Twin Oaks Valley Water Treatment Plant Expanded Service Area project (Action)

Staff Recommendation
Authorize the General Manager to award a design-build contract to NEWest Construction Company, Inc. in the amount of $3,682,000 for the Twin Oaks Valley Water Treatment Plant Expanded Service Area project.

Alternative
Do not award the contract and direct staff to negotiate with another design-build team or solicit new proposals. This will delay the project and expansion of the Valley Center Pump Station by 9 to 12 months.

Fiscal Impact
Funds in the amount of $3,682,000 to support this recommendation are available in the approved project budget and in the fiscal years 2014 and 2015 Capital Improvement Program appropriation. The rate category for this project is transportation.

Background
This project will expand the Twin Oaks Valley Water Treatment Plant service area by rehabilitating and increasing the pumping capacity of the Valley Center Pump Station. Expanding the pump station will allow additional treated water to be conveyed between the Second and First Aqueducts to north county member agencies. As a component of the Emergency Storage Project, modifying the Valley Center Pump Station will also assist with meeting water demands in the event of an emergency.

It is more cost effective to supply the additional service area with treated water from the Twin Oaks Valley Water Treatment Plant than to purchase it from Metropolitan Water District. The expanded Valley Center Pump Station’s impact on aqueduct system operations and service reliability was coordinated with the Facilities Master Plan Update and the future ESP North County Pump Station(s) project.

The pump station was completed in 2001 with the original design including expansion provisions to meet future needs. An evaluation of the Valley Center Pump Station’s mechanical, structural, electrical, and security systems was recently completed. This evaluation confirmed that the pump station can be retrofitted to increase the pumping capacity from the existing 20 cubic feet per second to 41 cubic feet per second. This satisfies both the day-to-day and emergency treated water needs projected through 2035. The retrofit includes replacing the existing pumps, motors, electrical system, computer control system, and certain valves. To ensure the facility continues
to function in an emergency event, the building’s roof will be evaluated, and structurally reinforced if necessary.

Staff reviewed several alternate project delivery options and determined the design-build procurement method provides the best solution to deliver the project in a timely manner. Benefits of using the design-build method include:

- Efficient and effective design and construction considerations to meet time sensitive deadlines.
- Single-source responsible party for designing and constructing the project, while minimizing the opportunity for disputes between the Water Authority, designers, and constructors (that is, change orders).
- Risk allocation assigned to the design-build contractor by the Water Authority, results in a clear baseline for risk management.
- Reduced coordination issues associated with the pump station shutdown, design/construction, and rehabilitation activities.

Previous Board actions: On February 27, 2014 the Board approved the Design-Build performance specifications for the Twin Oaks Valley Water Treatment Plant Expanded Service Area project.

Discussion
On June 23, 2014, a Request for Proposals was advertised to provide design-build services for the project. A pre-proposal meeting and site visit were conducted on July 1, 2014. There were a total of 31 attendees, including contractors, designers, suppliers, and other water industry professionals. Three design-build teams submitted proposals:

- NEWest Construction Company, Inc. teamed with Tran Consulting Engineers
- L.H. Woods & Sons, Inc. teamed with Infrastructure Engineering Corporation
- TC Construction Company, Inc. teamed with LEE & RO, Inc.

The selection criteria required design-build teams to provide a baseline contract price, demonstrate their approach to the work, discuss their technical experience and qualifications, present their quality assurance processes for design-build work, and discuss their past performance and ability to meet the project’s schedule. All design-build teams that submitted proposals were interviewed on July 25, 2014 by a panel comprised of Water Authority staff from the Engineering and Operations and Maintenance Departments.

Based on the review of the proposals, interview process, and reference checks, NEWest Construction Company, Inc. was selected as the design-build team providing the best value to perform the required services in the amount of $3,682,000. The Engineer’s estimate for this design-build contract ranged from $3.7 to $3.9 million.

Project construction is expected to begin in October 2014 with completion by August 2015.
SCOOP staff has verified the good faith efforts by NEWest Construction Company, Inc. to conduct outreach to qualified small businesses. NEWest Construction Company, Inc. is a certified small business. The small business participation on this project is 69 percent and the minority- or women-owned business participation is 10 percent. Due to the nature of design-build work, SCOOP outreach efforts will also be verified during the design and construction phases of the project. This information is provided for statistical purposes.

Prepared by: Nicola Kavanagh, Senior Engineer
Reviewed by: William J. Rose, Director of Engineering
Approved by: Frank Belock, Jr., Deputy General Manager

Attachments:
1. Vicinity Map
2. Location Map
August 20, 2014

Attention: Engineering and Operations Committee

San Vicente Pumped Storage Study. (Actions)

**Staff recommendation:**
Approve the following actions in support of the Water Authority’s petition with the Federal Energy Regulatory Commission.

a. **Agreement with the City of San Diego**
   Authorize the General Manager to execute an agreement with the City of San Diego for the implementation of the next necessary steps for the San Vicente Pumped Storage Study including the San Vicente Reservoir modeling and the inlet outlet study.

b. **Amendment to professional services contract with Black and Veatch Corporation**
   Accept Amendments 1 and 2 for $105,000 and approve Amendment 3 in the amount of $450,000 to provide engineering and environmental studies and support for the San Vicente Pumped Storage Study, increasing the contract amount from $149,920 to $704,920.

c. **Proceed with Phase 2 tasks**
   Authorize the expenditure of $215,000 for the Water Authority’s share of the modeling of San Vicente Reservoir and $135,000 for project administration.

**Alternatives:**
Do not approve the requested expenditures. This will delay the study and project schedule, as well as impede progress on those tasks necessary to support the FERC petition.

**Fiscal Impact**
There are sufficient funds in the approved project budget and the Fiscal Year 2014 and 2015 Capital Improvement Program appropriation to support this action. The rate category for this project is customer service. The City will reimburse the Water Authority $225,000, half the cost of Amendment 3 to Black and Veatch’s contract.

**Background**
The raising of the San Vicente Dam not only provides additional emergency and carryover storage capacity for the region, but can also serve as the lower reservoir for an up to 500 megawatt pumped storage project. In raising the San Vicente Dam an additional 117 feet, the reservoir’s storage capacity increased from 90,000 acre feet to 242,000 acre feet. This increase in storage provides an opportunity to generate revenue from a pumped storage project for both the City and Water Authority. Revenue generated could be used to offset Water Authority operating costs and facilitate rate stabilization or fund future Capital Improvement projects as directed by the Board.
In October 2013, the Water Authority and City, owner and operator of San Vicente Dam and Reservoir, entered into a Memorandum of Understanding which provided for equally sharing the costs for Black and Veatch Corporation to study the economic and financial requirements for the San Vicente Pumped Storage Study. As part of this first phase of work, the $150,000 study evaluated the economic and financial viability and sizing of the project by identifying project risk and mitigation measures, and analyzing the market demand, power purchase opportunities, and project delivery approach. This was an initial study and a prerequisite to performing Phase 2 work including the Pure Water project modeling and desktop site analysis using existing geotechnical reports from nearby projects. Phase 2 work does not involve any on-site geotechnical work specific to the project such as performing borings or other soils testing. This work would be completed later, dependent upon future Board approval. The Water Authority also hired Navigant Consulting, Inc. to provide an independent review of the initial study and offer technical advice in terms of how best to position the project within the power market. The Water Authority subsequently hired Clean Energy Capital Securities LLC to provide quality assurance for the financial analysis.

The study results and independent reviews demonstrated that the project is economically and financially viable. The Hydropower Task Force has met six times since December 2013 to discuss the initial study’s results and provide guidance on the project. Additionally, project updates regarding this Phase 1 work were presented at the February, April, May, and June 2014 Engineering and Operations Committee meetings. The Hydropower Task Force Financial Subcommittee identified three financial metrics: payback period, internal rate of return, and potential annual royalty as the preferred financial criteria for evaluating this project’s finance viability.

Previous Board Actions: In June 2014, the Board approved the addition of the San Vicente Pumped Storage Study to the Capital Improvement Program, the Fiscal Year 2015 scope of work for the San Vicente Pumped Storage Study, and the transfer of $1.2 million from the San Vicente Dam Raise project to the San Vicente Pumped Storage Study.

Discussion
At the August 14, 2014 Special Engineering and Operation Committee meeting, the Board discussed the Water Authority taking a more active role in discussions with FERC on acquiring the third consecutive preliminary permit. As mentioned at the meeting, the project has strong congressional support. The project would not only enhance the reliability of the energy grid but would also facilitate water rate stabilization. In addition to continuing to engage with the legislators, the Water Authority’s Government Relations team is readily engaged to support a successful FERC outcome, specifically on the upcoming San Diego Regional Chamber of Commerce’s, One Region, One Voice trip to Washington, D.C.

Financial Metrics
The Board also raised questions pertaining to the work that has been completed supporting the project’s financial viability. Specifically, the Task Force discussed which financial metrics should be used to evaluate the desirability of the project and the assumptions behind them. The key drivers, as listed in Table 1, are construction costs and net revenues. Construction costs
shown are for the mid-value and high-value cases and reflect the detailed construction budget of $915 million developed by Black and Veatch (conceptual construction cost estimate attached) plus $23 million for financing, legal, and owners’ costs. The construction budget includes direct and indirect construction costs, as well as a 20 percent contingency allowance. In the low-value case, construction costs are increased to $1 billion plus the same $23 million allowance for financing, legal, and owners’ costs.

Table 1- Key Assumptions

<table>
<thead>
<tr>
<th>Key Assumptions</th>
<th>Low-Value Case</th>
<th>Mid-Value Case</th>
<th>High-Value Case</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction Costs</td>
<td>$1.02B</td>
<td>$938M</td>
<td>$938M</td>
</tr>
<tr>
<td>(Begin 2019)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>First Year’s Net Revenues</td>
<td>$103M</td>
<td>$142M</td>
<td>$166M</td>
</tr>
<tr>
<td>(Begin 2022)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

These key assumptions are based on Black and Veatch’s initial study and represent the basis for each financial metrics results. The financial metrics have been selected because they are easy to understand and also provide precision in describing potential economic results of the project. The financial metrics have also been chosen to be neutral between project development/ownership alternatives and strategies. The payback period, internal rate of return, and potential annual royalty metrics are further described below.

A project’s payback period is defined as the number of years it takes to recover cash invested in the project, and is the quotient obtained by dividing the construction phase cost by the first year’s cash inflow. An alternative calculation would start the payback period when construction begins, which would add three to four years to the payback period. While the payback period is easily calculated, it does not paint a complete picture of the project because it does not consider the benefits beyond the payback period or the time value of money.

The internal rate of return takes into account all cashflows and their timing. This metric is defined as the discount rate at which the present value of all future cashflows equals the initial investment. In this case, the IRR is based on net revenues for the projected 30-year operating period, versus construction costs expended over a three-year construction period. A higher IRR demonstrates a more desirable project, all else equal. Public and private entities may react differently to a project’s IRR. A public agency may take on a project with a lower IRR than would be acceptable to a private entity, because a public agency typically has a lower cost of capital than a private entity and may accept a lower rate of return on a project it deems as serving a public benefit. A private entity may require a higher IRR to service its higher cost of capital, and may be willing to take on greater risk in order to gain higher profit.

The potential annual royalty assumes a project delivery method where the project is developed, owned, and operated by a third-party operator. This metric also assumes a representative capital structure and cost, and calculates the amount of excess net revenues that could be paid annually to the project stakeholders. It is calculated based on the following assumptions:
The third-party owner/operator finances construction costs through a combination of equity and taxable debt (specifically, 25 percent equity with a 15 percent return and 75 percent debt with a 6.25 percent borrowing cost). The third-party owner/operator generates the net revenues specified for the low, medium, and high cases. The third-party owner/operator distributes as royalty payments all amounts over the amounts needed to service debt and produce the targeted equity return. Calculates the royalty payment for the first year of project operations in 2022.

The results for these three financial metrics, presented in Table 2, indicate that the project is highly viable economically in either the mid-value case or the high-value case, and that the project is essentially breakeven in the low-value case. This conclusion is shown most clearly in the Potential Annual Royalties metric, which is strongly positive for the mid-value case and the high-value cases, but near zero for the low-value case. This conclusion is reinforced by the other two financial metrics, which show significantly shorter payback and higher project IRR for the mid-value and high-value cases.

Table 2 - Financial Metrics’ Results

<table>
<thead>
<tr>
<th>Key Results</th>
<th>Low-Value Case</th>
<th>Mid-Value Case</th>
<th>High-Value Case</th>
</tr>
</thead>
<tbody>
<tr>
<td>Payback Period (Years)</td>
<td>9.9</td>
<td>6.6</td>
<td>5.7</td>
</tr>
<tr>
<td>Project IRR</td>
<td>8.9%</td>
<td>14.2%</td>
<td>16.6%</td>
</tr>
<tr>
<td>Potential Annual Royalties (Millions)</td>
<td>$1</td>
<td>$49</td>
<td>$72</td>
</tr>
</tbody>
</table>

These results would continue to be refined during future phases of work, should the Board decide to move forward with the project and as more information is known, such as after the preliminary design and the environmental impact reports are complete. For now, the focus is completing Phase 2 work. Phase 2 work is important because it will include work that is needed to support our petition to the Federal Energy Regulatory Commission for a rehearing. It is also work that will be required if the project moves forward to FERC licensing. This work entails working with the City to identify and address impacts to its Pure Water San Diego project. It also includes refining the initial engineering work that will assist in selecting alternatives for further study during the environmental approval process. To proceed with Phase 2 work, staff recommends executing an agreement with the City, authorizing the expenditure of a portion of the previously appropriated funds, and amending Black & Veatch Corporation’s professional services contract, as further described below.

Agreement with the City of San Diego
The Water Authority entered into a Memorandum of Understanding with the City in October 2013 to participate in and share the costs for Black and Veatch’s work on the economic and financial study. Now that the study is complete, the City and the Water Authority will work together on this next phase of the project similar to the terms of the earlier MOU. The attached agreement provides for the Water Authority and City to collaborate and jointly determine project requirements for implementing a hydroelectric generation facility benefitting the San Diego
region. The terms of the agreement clarify that the City and Water Authority will equally share the cost of implementing Phase 2 of the study, and define the parties’ roles during implementation of the work. The agreement states that the Water Authority will reimburse the City for half of the cost of the modeling for the integration of pumped storage with its Pure Water San Diego project. The Water Authority’s share of the cost is estimated to be $215,000. The agreement also states that the City will reimburse the Water Authority for half of the costs of Black and Veatch’s Amendment 3. The City’s share of the cost is estimated to be $225,000.

Amendment to Professional Services Contract with Black and Veatch Corporation
After completion of a competitive procurement process in October 2013, the Board authorized the General Manager to award a professional services contract to Black & Veatch Corporation, in the amount of $149,920 to perform an economic and financial study for the San Vicente Pumped Storage project. Black and Veatch completed the study and two amendments were executed under the General Manager’s signature authority, for a total of $105,000, to support meetings with the Hydropower Task Force, Board, and City. The third amendment, in the amount of $450,000, provides the services necessary to support our petition for rehearing with FERC and eventual licensing; including performing desktop geotechnical studies and environmental screening of upper reservoir alternatives, and conducting resource agency and Native American tribe consultation. Black and Veatch’s scope includes coordination with the City’s professional services contractor to perform studies optimizing the pumped storage facility inlet/outlet location in support of the City’s modeling of its Pure Water San Diego efforts. This amendment also provides continued support for project-related meetings. With the acceptance of Amendments 1 and 2 and approval of Amendment 3, the revised contract amount will be $704,920.

Proceed with Phase 2 Tasks
In June 2014, the Board authorized the addition of the San Vicente Pumped Storage Study to the Capital Improvement Program and approved the Phase 2 project scope and funding. The recommendation to approve expending these funds is contingent upon Board approval of the agreement with the City. Since June 2014, it became apparent through interactions with the FERC, that environmental site screening, desktop geotechnical studies, and resource agency and Native American tribal consultations are a priority in advancing the project toward licensing. As such, staff recommends authorizing the expenditure of $350,000 to fund the Water Authority’s share of the modeling of San Vicente Reservoir and project administration. Additional power market and financial studies will wait until Phase 3 work that will begin in early 2015, subject to Board approval.

Project Accounting
On June 26, 2014, the Board appropriated $1.2 million of CIP funds to advance the next phase of work for the San Vicente Pumped Storage Study. At that time, Phase 2 scope consisted of four key work items:

- San Vicente Reservoir modeling for the Pure Water project
- Refinement of the upper reservoir and inlet/outlet locations
- Further power market analysis
- Further financial analysis
Following FERC’s denial of the third successive preliminary permit, staff prioritized the key work items required to uphold the petition for rehearing and the FERC permit/licensing process. To accomplish this work, $800,000 of the $1.2 million appropriation is needed to accomplish the task outlined in Table 3 below.

Table 3 - Project Accounting

<table>
<thead>
<tr>
<th>Phase 2 Work Item</th>
<th>Budget Approved in June 2014</th>
<th>Revised Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Authority’s share of Pure Water modeling – Reimbursed to City</td>
<td>$215,000</td>
<td>$215,000</td>
</tr>
<tr>
<td>Black and Veatch Amendment 3 – Engineering Work **</td>
<td>**$265,000</td>
<td>**$450,000</td>
</tr>
<tr>
<td>Navigant Amendment 3 – Power Market Analysis **</td>
<td>**$189,000</td>
<td></td>
</tr>
<tr>
<td>Clean Energy Capital – Financial Analysis</td>
<td>**$267,000</td>
<td></td>
</tr>
<tr>
<td>Project Administration</td>
<td>$264,000</td>
<td>$135,000</td>
</tr>
<tr>
<td>Total</td>
<td>$1,200,000</td>
<td>$800,000</td>
</tr>
</tbody>
</table>

** Note: The City will reimburse the Water Authority for half of these costs.

In early 2015, if a positive response is received from FERC regarding the preliminary permit, staff would return to the Board to request authorization to: Expend the remaining $400,000 and appropriate additional funds: $500,000 for the CAISO application fee and $200,000 to $500,000 for professional services. Subject to Board approval, these funds will help to complete Phase 3 work. Phase 3 work will include completing the pre-design, environmental assessment, geotechnical fieldwork, and continuing the power market analysis. This, along with Phase 2 work, is necessary to further inform and refine the financial analysis completed in Phase 1 and narrow the ranges for the financial metrics. We would submit the California Independent System Operator interconnect application request and fee during Phase 3.

Next Steps
Staff will continue to meet regularly with the Hydropower Task Force and provide updates to the Engineering and Operations Committee as directed by the Task Force.

Prepared by: Kelly Rodgers, Principal Engineer
Reviewed by: William J. Rose, Director of Engineering
Approved by: Frank Belock, Jr., Deputy General Manager

Attachments: Agreement with the City of San Diego
Black and Veatch Conceptual Construction Cost Estimate
FEASIBILITY STUDY AGREEMENT BETWEEN THE CITY OF SAN DIEGO AND THE SAN DIEGO COUNTY WATER AUTHORITY FOR THE SAN VICENTE PUMPED STORAGE PROJECT

This Agreement is entered into by and between the City of San Diego, a municipal agency (City) and the San Diego County Water Authority, a county water authority (Water Authority), (collectively Parties) for the purpose of conducting a feasibility study for the proposed San Vicente Pumped Storage Project.

RECITALS

A. The City is the owner of the San Vicente Dam and Reservoir which would be used as the lower reservoir for the Project.

B. The Water Authority is owner-applicant of the preliminary Federal Energy Regulatory Commission (FERC) permit of the San Vicente Pump Storage Project (Project). The City reserves the right to raise as an issue establishing ownership interest in the FERC application/permit/license, and the Project, through any future agreements between Parties that are necessary to advance the Project.

C. The City and the Water Authority have previously adopted the Memorandum of Understanding for The San Vicente Pumped Storage Project Economic and Financial Study, dated October 24, 2013 (2013 MOU), Principles of Understanding for Operation of the San Vicente Reservoir Implemented Under the Carryover Storage Project, dated August 8, 2008 (2008 POU) and the Emergency Storage Project (Operation of the San Vicente Reservoir and Lake Hodges Facilities), dated February 10, 2003 (2003 POU), and the Agreement for the Emergency Storage Project (Expansion of San Vicente Reservoir), dated May 26, 1998 (1998 San Vicente Agreement), to provide for the expansion and joint use of the San Vicente Dam and Reservoir (collectively referred to as the San Vicente Agreements).

D. The purpose of this Agreement is to establish the terms, conditions, and protocols for cooperation between the City and the Water Authority to accomplish the evaluation and to determine the feasibility of the San Vicente Pumped Storage Project.

E. No determination has been made as to how the Project would be financed, and whether either or both Parties would be involved in the financing.

F. The terms agreed to herein between the City and Water Authority are not meant to conflict or contradict with the terms of the previously executed San Vicente Agreements. In the event there is a conflict, the previous agreements take precedence.

G. The Water Authority reserves the right to raise the issue to be co-owner of holder of title for the property necessary for the upper reservoir, pump house, and other facilities necessary to operate the Project through any future agreements between Parties that are necessary to advance the Project.
H. This Agreement is intended to develop information for evaluation by the City through its Public Utilities Department and the Water Authority through its the Hydropower Task Force (Task Force) and Engineering and Operations Committee. Final decision-making authority with respect to the Project is reserved to the City Council and Board of Directors.

The Recitals are incorporated herein and the Parties agree as follows:

DEFINITIONS:

A. City Council means the San Diego City Council.

B. Board of Directors means the San Diego County Water Authority Board of Directors.

C. Engineering and Operations Committee means the Standing Committee of the Water Authority Board of Directors responsible for matters of design, construction, replacement, maintenance and operation of Water Authority facilities, property and equipment including administration of the Aqueduct Protection Program, Capital Improvement Program, right of way acquisition and management, system facility security; water quality; other matters relating to facility operations.

D. Hydropower Task Force is a temporary body comprised of members of the Engineering and Operations Committee designated by the Chair of the Board of Directors to investigate the feasibility of the San Vicente Pumped Storage Project.

E. Project means the San Vicente Pumped Storage Project.

F. Project Delivery Provider means an entity that would be responsible for developing the project through a selected project delivery method to be determined at a future date.

G. Project Completion means the City’s and Water Authority's acceptance of the Project from the Project Delivery Provider and issuance of the Project Notice of Completion.

H. Revenue means the financial benefit gained by the Parties as a result of their participation in the Project.

I. Project Costs means costs associated with planning, designing, and constructing the Project.

J. Pure Water San Diego means the City’s project that would introduce advanced treated water into San Vicente Reservoir to supplement the City’s water supply.

K. The City of San Diego Public Utilities Department, the Hydropower Task Force (Task Force) and Engineering and Operations Committee of the Water Authority are the lead bodies for the Project.

1. AGREEMENT

1.1 Feasibility Study Term: the term of this Agreement shall run from the later date of execution by both Parties and shall continue until December 31, 2015, or until completion of all obligations under this Agreement, whichever occurs first. Both the Water Authority and the City
acknowledge that, if fully implemented, the Project will be a multi-year effort necessitating a long term commitment by both Parties. The phases of the Project may include completing the Economic and Feasibility Study; Preliminary Engineering; Environmental Documents preparation, review and processing; Project Delivery Method selection; land acquisition; design; and construction.

1.11 Feasibility Study: Covers those tasks associated with determining Project feasibility and arriving at a mutual decision to advance the Project through the submittal of an interconnection application to the California Independent System Operator (CAISO). Feasibility Study tasks are solely limited to:

a. San Vicente Reservoir Inlet/Outlet study
b. Potable reuse reservoir modeling (for 15 and 27 MGD) to accommodate the project
c. Preliminary site screening for purposes of a NEPA and CEQA document development.
d. Power market and economic analysis

Upon completion of the Feasibility Study, and upon mutual written agreement to advance the Project and submitting an interconnection to the CAISO, the Parties shall enter into Project Agreement(s) to establish the terms, conditions, and protocols for implementing the Project. Such terms, conditions and protocols shall include, but not be limited to, establishing the Project governance structure, budget development and approval protocols, and operational decisions, and joint decision-making powers as applicable.

1.2 Commitment of Parties: As the extent of each of the phases is dependent on the development of data and information that are not known at this time, it is not practical to estimate their costs. Both Parties agree that, to the best of their knowledge at this point in time, they are prepared to participate and contribute to these future phases as funds become necessary. In the event that either Party decides to no longer participate or contribute to the Project, such Party agrees to not pursue the recovery of its prior funding contributions to the extent funds have been expended.

1.3 Project Revenue: The Parties’ share of future Project revenue and benefits shall be based on their respective financial contribution to the Project costs, land ownership, and property rights. These financial contributions would include costs relating to, but not be limited to, the filing and permit fees, land value, staff costs, consultant fees, study costs, etc. At the present time it is contemplated that both the financial contributions and revenues/benefits will be shared equally, excepting that each Party shall be responsible for its own staffing costs.

2. WATER AUTHORITY OBLIGATIONS

2.1 Regulatory Coordination: The Water Authority is the lead and responsible agency for the Project, including but not limited to CEQA/NEPA compliance, FERC permitting and licensing, California Independent System Operator (CAISO) coordination, California Public Utilities Commission (CPUC) coordination, permitting, procuring design, construction, and other professional services, negotiations with power purchaser(s), operations and maintenance, and land acquisition. City is a responsible agency for the Project and shall be consulted and participate in all Project related Regulatory Coordination decisions.
2.2 Project Meetings: The Water Authority and City will staff the Hydropower Task Force meetings, Project development meetings, studies, and meetings with contractor(s) and/or Project Delivery Provider(s).

2.3 Contractual Agreement: The Water Authority shall be the administrator in awarding professional and technical services contracts, including the Project’s Economic and Feasibility Study. This does not include the study pertaining to the Project’s impact to the Pure Water San Diego Project.

2.4 Property Acquisition: The Water Authority agrees that it will not interfere with 1) the City’s ownership or operation of San Vicente Reservoir or 2) the City’s ownership and operation of 90,000+ acre-feet of storage in the reservoir for the term of this agreement. The City agrees that it will not interfere with 1) the Water Authority’s ownership of 152,000 af of storage in the reservoir and 2) the Water Authority status as owner/applicant of the unexpired FERC permit (Project No. 12747-002).

2.41 Should it be necessary to acquire property for the upper reservoir, pump house, pipeline, Project related facilities and/or appurtenances, the City and the Water Authority agree to negotiate in good faith the terms and conditions of property acquisition. The City retains the option to sell or lease City-owned property to the Project at the City’s discretion.

3. CITY OBLIGATIONS

3.1 Contractual Arrangement: The City shall be the lead in contracting for those services necessary for the Pure Water San Diego modeling that the Parties agree is necessary to study Project’s impact on the Pure Water San Diego Project. Water Authority shall be consulted and participate in all Project related Modeling decisions.

3.2 Access to City Property: Upon reasonable notice and the City’s written consent, the Water Authority and its agents, employees, contractors may have access to City property for the purposes of Project planning including any geotechnical and environmental studies, surveying, and siting the lower reservoir infrastructure, tunnel, and upper reservoir location.

3.3 Property: For the Term of this Agreement, City agrees that it will not interfere with 1) the Water Authority’s present ownership of the Project’s FERC permits or 2) the Water Authority’s ownership of 152,000 acre-feet of storage in San Vicente Reservoir.

4. MUTUAL OBLIGATIONS

4.1 Feasibility Study Support: The Parties agree to be advocates for the Feasibility Study goals and will facilitate the necessary steps under their control so that the Feasibility Study can be completed in an expeditious manner.

4.2 Feasibility Study Liaison: The Parties shall each assign one representative to serve as the Feasibility Study liaison for each agency. These liaisons shall be responsible for coordinating Feasibility Study activities between the agencies.

4.3 Feasibility Study Meetings: The Parties shall meet on a regularly scheduled basis to review progress and adjust approach as necessary to ensure that the terms and conditions herein are achieved to the satisfaction of both Parties.
4.4 Selection Panels: The Parties each shall be allowed two representatives on any consultant selection panel.

4.5 Feasibility Study Reviews: The Parties shall provide each other 14 calendar days or an agreed upon time to review the request for proposals, statement of qualifications, contracts, meeting minutes, and draft and final versions of any reports, studies, or Project design. The Parties shall review and address each other’s comments and respond to in writing within an agreed upon time frame or 14 calendar days from date of submittal.

4.6 Task Force Coordination: The Parties shall endeavor to mutually agree upon recommendations to the Hydropower Task Force on all Project related decisions before these recommendations are presented to the task force.

5. PROJECT COSTS AND REVENUES

At this time the estimated Feasibility Study costs during the Term of this Agreement are approximately $1,200,000 and include the additional Pure Water San Diego modeling professional services for the inlet/outlet study, refinement of reservoir alternatives, power market projections, and financial advice, and staff labor costs necessary to administer the project. The Parties agree to equally share these costs.

5.1 Neither Party shall be entitled to recover costs associated with in-house staffing and agency overhead expenses, or related in-kind services.

5.2 Invoices:

5.2.1 The Water Authority shall invoice the City its proportional share of the Feasibility Study costs monthly. The Water Authority shall provide the City a monthly accounting of the Feasibility Study costs, and upon request, all relevant supporting documents.

5.2.2 The City shall invoice the Water Authority its proportional share of the additional Pure Water San Diego modeling costs monthly. The City shall provide the Water Authority a monthly accounting and, upon request, all relevant supporting documents.

6. TERMINATION

6.1 Termination for Cause: Notwithstanding any other provision in this Agreement, either Party may, without prejudice to any other remedies available to it at law or in equity, terminate this Agreement in the event that the other Party shall have materially breached or defaulted in the performance of any of its material obligations and (i) has not cured such breach or default within thirty (30) days after notice of the breach or default or (ii) if a cure is not possible within thirty (30) days, has failed to commence or diligently continue steps the Parties agree should result in a cure or prevent a similar subsequent breach. Any termination pursuant to this Section shall become effective at the end of such thirty (30) day period unless the party that has breached or defaulted (the Breaching party) cures such breach or default during such thirty (30) day period or if such breach or default is not possible to cure within such thirty (30) day period, the Breaching Party has commenced and is diligently pursuing a mutually agreeable plan to effect a cure or prevent a similar subsequent breach or default.
6.2 Termination by Mutual Agreement: This Agreement shall terminate if both Parties agree in writing to terminate.

6.3 Termination for Convenience: each Party may, at its sole option and for its convenience, terminate all or any portion of the Feasibility Study by giving written notice of such termination to the other Party. The termination shall be effective upon receipt. Each party shall be entitled to fair and reasonable compensation for all reasonably necessary wrap-up work to conclude the outstanding work at the time of Termination.

7. NON-BINDING MEDIATION

If a dispute arises out of, or relates to this Agreement, or the breach thereof, and if the dispute cannot be settled through normal contract negotiations, the Parties agree to first try to settle the dispute using mediation under the Construction Industry Mediation Rules of the American Arbitration Association or any other neutral organization agreed upon before having recourse in a court of law. The expenses of witnesses for either side shall be paid by the party producing such witnesses. All other expenses of the mediation, including required traveling and other expenses of the mediator, and the cost of any proofs or expert advice produced at the direct request of the mediator, shall be borne equally by the Parties, unless otherwise agreed.

Any agreements resulting from mediation shall be documented in writing. All mediation results and documentation, by themselves, shall be "non-binding". Mediators shall not be subject to any subpoena or liability and their actions shall not be subject to discovery.

8. INDEMNIFICATION

The City and the Water Authority, agree to mutually indemnify, defend at their own expense, including attorneys’ fees, and hold each other harmless from and against all claims, costs, demands, losses, and liability of any nature whatsoever, including but not limited to liability for bodily injury, sickness, disease or death, property damage (including loss of use) or violation of law, caused by or arising out of any error, omission, or negligent act of that party, its officers, directors, employees, agents, volunteers or any other person acting pursuant to its control in performing under this Agreement. Neither party shall indemnify the other for a party’s acts of sole negligence or willful misconduct.

9. LAWS AND VENUE

This Agreement shall be interpreted in accordance with the laws of the State of California. If any dispute, controversy, or claim is brought to interpret or enforce any term of this Agreement, the action shall be brought in a state or federal court in the County of San Diego, State of California.

10. AMENDMENT

This Agreement may be modified only by a subsequent written amendment executed by both Parties.

11. SUCCESSORS OR ASSIGNS

This Agreement and any portion thereof shall not be assigned or transferred, nor shall any of the duties be delegated, without the express written consent of both Parties, which shall not be
unreasonably withheld or delayed. Any attempt to assign or delegate this Agreement without the express written consent of both Parties shall be void and of no force or effect.

12. NOTICES

Any notice or instrument required to be given or delivered by this Agreement may be given or delivered by depositing the same in any United States Post Office, postage prepaid, addressed to:

CITY OF SAN DIEGO
Public Utilities Director
9192 Topaz Way
San Diego, CA 92123

SAN DIEGO COUNTY WATER AUTHORITY
Deputy General Manager
4677 Overland Avenue
San Diego, CA 92123

13. AUDIT

[Should have routine scheduled audit and “for cause” audit right for the feasibility phase.]

Power and Authority: The Parties executing this Agreement warrant and represent that they have the full power and authority to execute, deliver and perform the obligations under this Agreement and that each Party’s performance hereunder has been duly authorized by all requisite actions on the part of that Party.
14. SIGNATURES

The individuals executing this Agreement represent and warrant that they have the legal capacity and authority to do so on behalf of their respective legal entities.

Dated: ______________________ City of San Diego

By: __________________________________________
Robert Mulvey
Assistant Director of Public Utilities Department

Dated: ______________________ San Diego County Water Authority

By: __________________________________________
Frank Belock, Jr.
Deputy General Manager

Approved as to form: Approved as to form:
### Table TS-2 Conceptual Site Sizing and Costs

<table>
<thead>
<tr>
<th>ALTERNATIVE ======&gt;</th>
<th>A1</th>
<th>B1</th>
<th>B2</th>
<th>B3</th>
<th>C1</th>
<th>C2</th>
<th>C3</th>
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<td>500</td>
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<td>NET CAPACITY</td>
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<td>250</td>
<td>155</td>
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<td>2</td>
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<td>DAILY GENERATION (MW·HRS)</td>
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<td>$690,918,300</td>
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<td>$762,253,300</td>
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<td>$519,340,300</td>
<td>$779,446,300</td>
<td>$859,999,300</td>
<td>$698,728,300</td>
</tr>
<tr>
<td>INDIRECTS</td>
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</tr>
<tr>
<td>ENGINEERING % OF TDC</td>
<td>5%</td>
<td>5%</td>
<td>5%</td>
<td>5%</td>
<td>5%</td>
<td>5%</td>
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<tr>
<td>ENGINEERING COST</td>
<td>$35,612,650</td>
<td>$30,540,150</td>
<td>$25,606,650</td>
<td>$33,782,650</td>
<td>$33,150,650</td>
<td>$22,741,150</td>
<td>$34,564,150</td>
<td>$38,225,650</td>
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<td>CM/RESIDENT ENGINEERING % OF TDC</td>
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<td>5%</td>
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<tr>
<td>CM/RESIDENT ENGINEERING COST</td>
<td>$35,612,650</td>
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<td>$33,782,650</td>
<td>$33,150,650</td>
<td>$22,741,150</td>
<td>$34,564,150</td>
<td>$38,225,650</td>
<td>$30,895,150</td>
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<td>PERMITTING AND LICENSING</td>
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<td>$8,000,000</td>
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<td>OWNER ADMIN / MARKETING COSTS</td>
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<td>$5,000,000</td>
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<tr>
<td>LAND / EASEMENT COSTS</td>
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<td>$6,035,000</td>
<td>$6,035,000</td>
<td>$6,035,000</td>
<td>$6,035,000</td>
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<td>$6,035,000</td>
<td>$6,035,000</td>
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<tr>
<td>TOTAL INDIRECT COSTS</td>
<td>$90,260,300</td>
<td>$80,115,300</td>
<td>$70,248,300</td>
<td>$86,600,300</td>
<td>$85,336,300</td>
<td>$64,517,300</td>
<td>$88,163,300</td>
<td>$95,486,300</td>
<td>$80,825,300</td>
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<tr>
<td>TOTAL PROJECT DIRECT COST</td>
<td>$802,513,300</td>
<td>$690,918,300</td>
<td>$582,381,300</td>
<td>$762,253,300</td>
<td>$748,349,300</td>
<td>$519,340,300</td>
<td>$779,446,300</td>
<td>$859,999,300</td>
<td>$698,728,300</td>
</tr>
<tr>
<td>CONTINGENCY ALLOWANCE (%)</td>
<td>20%</td>
<td>20%</td>
<td>20%</td>
<td>20%</td>
<td>20%</td>
<td>20%</td>
<td>20%</td>
<td>20%</td>
<td>20%</td>
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<tr>
<td>PARAMETRIC COST ESTIMATE</td>
<td>$964,000,000</td>
<td>$830,000,000</td>
<td>$699,000,000</td>
<td>$915,000,000</td>
<td>$899,000,000</td>
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<td>$936,000,000</td>
<td>$1,032,000,000</td>
<td>$839,000,000</td>
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<tr>
<td>COST PER KW</td>
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<td>$1,660</td>
<td>$2,056</td>
<td>$1,830</td>
<td>$1,798</td>
<td>$2,013</td>
<td>$1,872</td>
<td>$2,064</td>
<td>$2,397</td>
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</table>
August 20, 2014

Attention: Engineering and Operations Committee

Advertisement for Bids for Ramona Pipeline Cathodic Protection project (Information)

Background
The Water Authority’s Asset Management Program is designed to derive the most value from an asset throughout its life cycle to ensure water delivery system reliability at the lowest cost and least impact to member agencies.

The Asset Management Program includes three asset classes: Pipelines, Facilities, and Equipment. Assets in each class are assessed and prioritized for repair, replacement, or rehabilitation. The Asset Management Program Funding Policy was established to fund these asset classes. The Ramona Pipeline Cathodic Protection project is included in the Pipelines asset class, and funded by the Capital Improvement Program.

Previous Board Action: In January 2010, the Board accepted the Asset Management Program Funding Policy recommendations.

Discussion
The Ramona Pipeline was constructed in 1988. Through years of operation and maintenance activities, staff identified several pipeline cathodic protection issues and planned to perform bonding of pipe joints to address these issues. Bonding of joints provides electrical continuity for long sections of buried pipeline to ensure cathodic testing and corrosion prevention measures can be implemented in an efficient and cost effective manner.

Pipeline shutdown and drain down is required to perform the bonding of the pipe joints. The Ramona Pipeline Cathodic Protection project includes the installation of a new pump well to provide an additional drainage point. The pump well will improve the pipeline drain down efficiency and minimize shutdown impacts to the member agencies. The pump well is located adjacent to Valle Verde Park in the City of Poway. Pump well construction is estimated to last five months.

A construction contract for the pump well installation will be advertised for public bid in early fall. The construction cost estimate is between $320,000 and $380,000 and staff anticipates returning to the Board in the fall with a recommendation to award a construction contract.

Prepared by: Nona Yang, Engineer P.E.
Reviewed by: William J. Rose, Director of Engineering
Approved by: Frank Belock, Jr., Deputy General Manager

Attachments: Figure 1 – Location Map
August 20, 2014

Attention: Engineering and Operations Committee

CLOSED SESSION:
Conference with Legal Counsel – Existing Litigation

Purpose
This memorandum is to recommend a closed session, pursuant to Government Code §54956.9(d)(1) to discuss the above-referenced matter at the August 28, 2014, meeting.

A closed session has also been included on the agenda of the formal Board of Directors’ meeting. Unless the Board desires additional discussion, it is not staff’s intention to ask for a closed session with the full Board at that time, but staff may request action to confirm directions given or action recommended by the committee.

Prepared by: Daniel S. Hentschke, General Counsel
1. Roll call – determination of quorum.

2. Additions to agenda (Government Code Section 54954.2(b)).

3. Public comment – opportunities for members of the public to address the Committee on matters within the Committee’s jurisdiction.

4. Chair’s report.
   4-A Directors’ comments.

I. CONSENT CALENDAR

1. Treasurer’s report.
   Staff recommendation: Note and file the monthly Treasurer’s report. (Action)

2. Resolution establishing amount due from the city of San Diego for the In-Lieu Charge as a condition of providing water service for fiscal year 2015.
   Staff recommendation: Adopt Resolution No. 2014-___ establishing an amount due of $1,897,901.11 from the city of San Diego for the In-Lieu Charge for fiscal year 2015. (Action)
II. ACTION/DISCUSSION

1. Approve amendments to the San Diego County Water Authority Local Conflict of Interest Code.  
   Staff recommendation:  
   a) Conduct the Public Hearing.  
   b) Adopt Resolution No. 2014-____ approving amendments to the San Diego County Water Authority Local Conflict of Interest Code.  
   (Action)  
   Dan Hentschke

2. Optimization of the Water Authority’s Debt Portfolio and Other Long-Term Obligations.  
   (Discussion)  
   Lisa Marie Harris

III. INFORMATION

1. Presentation on Rate Stabilization Fund overview.  
   David Shank

   Maureen Stapleton

   Lisa Celaya

   Lisa Celaya

5. Controller’s report on monthly financial statements.  
   Rod Greek

6. Board calendar.

IV. CLOSED SESSION

V. ADJOURNMENT

Kelly L. Walker  
Clerk of the Board

NOTE: This meeting is called as an Administrative and Finance Committee meeting. Because a quorum of the Board may be present, the meeting is also noticed as a Board meeting. Members of the Board who are not members of the Committee may participate in the meeting pursuant to Section 2.00.060(g) of the Authority Administrative Code (Recodified). All items on the agenda, including information items, may be deliberated and become subject to action. All public documents provided to the committee or Board for this meeting including materials related to an item on this agenda and submitted to the Board of Directors within 72 hours prior to this meeting may be reviewed at the San Diego County Water Authority headquarters located at 4677 Overland Avenue, San Diego, CA 92123 at the reception desk during normal business hours.
August 20, 2014

Attention: Administrative and Finance Committee

Treasurer’s Report

Attached for review by the Administrative and Finance Committee and the Board of Directors is the Treasurer’s Report as of July 31, 2014. The reports are formatted to provide information as required by the California Government Code and the San Diego County Water Authority’s Annual Statement of Investment Policy, which was last adopted by the Board on November 21, 2013. A brief description of each report follows:

Portfolio Master Summary: This one page report summarizes all cash and investments held by the Water Authority.

Portfolio Characteristics: This one page snapshot shows the Water Authority’s portfolio holdings by type and percentage; the maturity distribution of the portfolio; the portfolio yield for the past twelve months, with and without bond-related funds, compared to a rolling average yield of the Board adopted benchmark; the credit quality of the portfolio’s holdings; the cash flow projections for the next six months; and relevant market information.

Portfolio Details - Investments: This report takes the summary information listed in the Portfolio Master Summary and provides details of active investments.

Activity Summary: This one page report produces a thirteen-month rolling summary of portfolio investment activity.

The Water Authority’s portfolio is diversified among investment types, with a current concentration toward short-term maturities. This concentration is the result of cash flow needs, as well as the current historic low interest rate environment. The portfolio is comprised of high quality investments, with 75 percent currently invested in AAA rated or AAA/AA+ split-rated securities. The Water Authority’s overall portfolio yield decreased to 0.55 percent in July 2014 yet continues to exceed the investment benchmark of 0.33 percent in July 2014. Starting in January, the investment benchmark was changed from the rolling average of the One-Year Constant Maturity Treasury to the rolling average of the Two-Year Constant Maturity Treasury, which is more closely aligned with the portfolio’s average maturity. Bond Fund proceeds are expected to fund Capital Improvement Program expenditures for the next several years.

All investments have been made in accordance with the San Diego County Water Authority Statement of Investment Policy. This report provides documentation that the Water Authority has sufficient funds to meet the financial obligations for the next six months. The market value information is provided by Bloomberg L.P. and is as of the report date.

Lisa Marie Harris, Director of Finance/Treasurer
## PORTFOLIO PERCENTAGES

<table>
<thead>
<tr>
<th>Investment Type</th>
<th>Permitted By Board Policy</th>
<th>Actual Percentage</th>
<th>Actual Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Local Agency Investment Fund (LAIF)</td>
<td>$50 Million</td>
<td>12.27%</td>
<td>$49,584,033</td>
</tr>
<tr>
<td>Banker's Acceptances</td>
<td>20%</td>
<td>0.00%</td>
<td>-</td>
</tr>
<tr>
<td>Treasury Securities</td>
<td>15% - Minimum</td>
<td>16.18%</td>
<td>65,363,988</td>
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<tr>
<td>Agency Securities</td>
<td>85%</td>
<td>57.47%</td>
<td>232,222,866</td>
</tr>
<tr>
<td>Reverse Repurchase Agreements</td>
<td>20%</td>
<td>0.00%</td>
<td>-</td>
</tr>
<tr>
<td>Certificates of Deposit (CDARS)</td>
<td>15%</td>
<td>0.00%</td>
<td>-</td>
</tr>
<tr>
<td>Negotiable Certificates of Deposit</td>
<td>15%</td>
<td>0.00%</td>
<td>-</td>
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<tr>
<td>Commercial Paper</td>
<td>25%</td>
<td>12.84%</td>
<td>51,906,896</td>
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<td>Medium Term Notes/Corporates</td>
<td>30%</td>
<td>0.00%</td>
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<tr>
<td>JPA Pools (CAMP)</td>
<td>25%</td>
<td>1.12%</td>
<td>4,515,883</td>
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<tr>
<td>Money Market Funds</td>
<td>15%</td>
<td>0.12%</td>
<td>503,279</td>
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<td></td>
<td></td>
<td>100.00%</td>
<td>$404,096,945</td>
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<td>Checking/Petty Cash/Available Funds (unavailable for investing)</td>
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<td>2,388,981</td>
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**Subtotal for Pooled Funds:** $406,488,008

### Bond/CP Fund Excluded from Portfolio Percentages:

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<th>Investment Type</th>
<th>Actual Amount</th>
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<tbody>
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<td>Treasury Securities</td>
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<td>$117,413,001</td>
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<td>Certificates of Deposit (CDARS)</td>
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<td>Commercial Paper</td>
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<td>Local Agency Investment Fund (LAIF)</td>
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<tr>
<td>JPA Pools (CAMP)</td>
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<tr>
<td>Money Market Funds and Cash</td>
<td>$133,446,343</td>
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**Subtotal for Bond/CP Fund (available for CIP expenditures):** $133,446,343

### Debt Service Reserve (DSR) Funds Excluded from Portfolio Percentages:

<table>
<thead>
<tr>
<th>Investment Type</th>
<th>Actual Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agency Securities and Money Market Fund - Series 2004A COPs</td>
<td>4,517,096</td>
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<tr>
<td>Trinity Plus - Reserve (GIC) - Series 1998A COPs</td>
<td>12,240,775</td>
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**Subtotal for Debt Service Reserve Funds (unavailable for CIP expenditures):** $16,757,871

**Total Cash and Investments:** $556,692,222

### PORTFOLIO INFORMATION

<table>
<thead>
<tr>
<th></th>
<th>Pooled Funds **</th>
<th>Bond/CP Fund</th>
<th>Debt Service Reserve</th>
<th>Total *</th>
</tr>
</thead>
<tbody>
<tr>
<td>Portfolio Yield to Maturity - 365 Days</td>
<td>0.49%</td>
<td>0.29%</td>
<td>4.11%</td>
<td>0.55%</td>
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<tr>
<td>Average Term</td>
<td>818</td>
<td>88</td>
<td>149</td>
<td>622</td>
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<tr>
<td>Average Days to Maturity (730 Days Maximum)</td>
<td>449</td>
<td>3</td>
<td>8</td>
<td>328</td>
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* "The weighted average days to maturity of the total portfolio shall not exceed 730 days (two years) to maturity" per SDCWA Investment Policy.
** Pooled Funds include Operating, Pay Go, RSF, Equipment and Stored Water funds.
On July 30th, the FOMC maintained the target for the federal funds rate at a range of 0-25 basis points. The next meeting is September 17th.
### Portfolio Details - Investments

#### July 31, 2014

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<thead>
<tr>
<th>CUSIP</th>
<th>Investment #</th>
<th>Issue</th>
<th>Average Balance</th>
<th>Purchase Date</th>
<th>Par Value</th>
<th>Market Value</th>
<th>Book Value</th>
<th>Stated Rate</th>
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<th>YTM</th>
<th>Days to Maturity</th>
<th>Maturity Date</th>
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<td>CASH35</td>
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<td>CAMP - OPERATING/POOLED</td>
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<td>4,515,882.70</td>
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<td>AAA</td>
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<td>CASH45</td>
<td>4004</td>
<td>CAMP - 2010B BONDS-BABS</td>
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<td>4,970,396.23</td>
<td>4,970,396.23</td>
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<tr>
<td>CASH43</td>
<td>4001</td>
<td>GOLDMAN - 2010B BONDS-BABS</td>
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<td>0.00</td>
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<td>CASH11</td>
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<td>GOLDMAN - OPERATING/POOLED</td>
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<td>CASH13</td>
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<td>LAIF - OPERATING</td>
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<td>CASH41</td>
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#### Commercial Paper - Discount

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Portfolio Management

Page 2

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July 31, 2014
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Date

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Market Value

Book Value

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09/18/2012
10/17/2012
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02/20/2013
04/23/2013
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Maturity
Date

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<td>0.585</td>
<td>822</td>
<td>10/31/2016</td>
<td></td>
</tr>
<tr>
<td>912828UD0</td>
<td>10081</td>
<td>UNITED STATES TREASURY</td>
<td>03/19/2013</td>
<td>2,500,000.00</td>
<td>2,500,585.00</td>
<td>2,495,312.50</td>
<td>0.125</td>
<td>AA+</td>
<td>0.230</td>
<td>152</td>
<td>12/31/2014</td>
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<tr>
<td>912828M20</td>
<td>10082</td>
<td>UNITED STATES TREASURY</td>
<td>03/19/2013</td>
<td>7,000,000.00</td>
<td>7,125,783.00</td>
<td>7,330,039.06</td>
<td>2.50</td>
<td>AA+</td>
<td>0.264</td>
<td>272</td>
<td>04/30/2015</td>
<td></td>
</tr>
<tr>
<td>912828UW8</td>
<td>10091</td>
<td>UNITED STATES TREASURY</td>
<td>05/15/2013</td>
<td>5,000,000.00</td>
<td>4,987,695.00</td>
<td>4,981,250.00</td>
<td>0.25</td>
<td>AA+</td>
<td>0.379</td>
<td>623</td>
<td>04/15/2016</td>
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</tr>
<tr>
<td>912828UW8</td>
<td>10097</td>
<td>UNITED STATES TREASURY</td>
<td>08/09/2013</td>
<td>5,000,000.00</td>
<td>4,987,695.00</td>
<td>4,967,187.50</td>
<td>0.25</td>
<td>AA+</td>
<td>0.497</td>
<td>623</td>
<td>04/15/2016</td>
<td></td>
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<tr>
<td>912828UW8</td>
<td>10114</td>
<td>UNITED STATES TREASURY</td>
<td>02/20/2014</td>
<td>6,000,000.00</td>
<td>5,985,234.00</td>
<td>5,985,937.50</td>
<td>0.25</td>
<td>AA+</td>
<td>0.360</td>
<td>623</td>
<td>04/15/2016</td>
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<tr>
<td>912828TW0</td>
<td>10115</td>
<td>UNITED STATES TREASURY</td>
<td>02/20/2014</td>
<td>5,000,000.00</td>
<td>4,933,595.00</td>
<td>4,956,250.00</td>
<td>0.750</td>
<td>AA+</td>
<td>0.992</td>
<td>1,187</td>
<td>10/31/2017</td>
<td></td>
</tr>
<tr>
<td>912828C73</td>
<td>10125</td>
<td>UNITED STATES TREASURY</td>
<td>04/24/2014</td>
<td>6,000,000.00</td>
<td>5,996,944.98</td>
<td>6,000,119.11</td>
<td>0.875</td>
<td>AA+</td>
<td>0.882</td>
<td>988</td>
<td>04/15/2017</td>
<td></td>
</tr>
<tr>
<td><strong>Subtotal and Average</strong></td>
<td><strong>65,365,278.73</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total and Average** | **580,805,964.06** | **545,160,151.02** | **550,033,909.69** | **554,303,238.08** | | | | | | | | **0.554** | **328** |
## Portfolio Details - Cash
### July 31, 2014

<table>
<thead>
<tr>
<th>CUSIP</th>
<th>Investment #</th>
<th>Issuer</th>
<th>Average Balance</th>
<th>Purchase Date</th>
<th>Par Value</th>
<th>Market Value</th>
<th>Book Value</th>
<th>Stated Rate</th>
<th>S&amp;P</th>
<th>YTM 365 Days to Maturity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Passbook/Checking Accounts</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CASH01</td>
<td>48</td>
<td>PETTY CASH</td>
<td>07/01/2013</td>
<td>2,500.00</td>
<td>2,500.00</td>
<td>2,500.00</td>
<td>0.000</td>
<td>0.001</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>CASH02</td>
<td>1000</td>
<td>WELLS FARGO - OPERATING/POOLED</td>
<td>07/01/2013</td>
<td>2,390,015.28</td>
<td>2,390,015.28</td>
<td>2,390,015.28</td>
<td>0.001</td>
<td>0.001</td>
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<td>1</td>
</tr>
<tr>
<td>CASH03</td>
<td>1001</td>
<td>WELLS FARGO - PAYROLL ZBA</td>
<td>07/01/2013</td>
<td>-3,534.45</td>
<td>-3,534.45</td>
<td>-3,534.45</td>
<td>-3,534.45</td>
<td>0.000</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>CASH39</td>
<td>4000</td>
<td>WELLS FARGO - 2010B BONDS-BABS</td>
<td>07/01/2013</td>
<td>3.07</td>
<td>3.07</td>
<td>3.07</td>
<td>3.07</td>
<td>0.000</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Average Balance</strong></td>
<td></td>
<td></td>
<td>0.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Total Cash and Investments</strong></td>
<td></td>
<td></td>
<td>580,805,964.06</td>
<td>547,549,134.92</td>
<td>552,422,893.59</td>
<td>556,692,221.98</td>
<td>0.554</td>
<td>328</td>
</tr>
</tbody>
</table>

---

**Portfolio CWA2**

**CC**

**Run Date:** 08/05/2014 - 14:35

**Page 286 of 358**
### SDCWA - Fiscal Year 2014

#### Portfolio Management

**Activity Summary**

**July 2013 through July 2014**

<table>
<thead>
<tr>
<th>Month End</th>
<th>Year</th>
<th>Number of Securities</th>
<th>Total Invested</th>
<th>Yield to Maturity</th>
<th>Managed Pool Rate</th>
<th>Number of Investments Purchased</th>
<th>Number of Investments Redeemed</th>
<th>Average Term</th>
<th>Average Days to Maturity</th>
</tr>
</thead>
<tbody>
<tr>
<td>July</td>
<td>2013</td>
<td>82</td>
<td>586,324,414.21</td>
<td>0.507</td>
<td>0.514</td>
<td>0.544</td>
<td>4</td>
<td>1</td>
<td>553</td>
</tr>
<tr>
<td>August</td>
<td>2013</td>
<td>80</td>
<td>602,346,234.02</td>
<td>0.514</td>
<td>0.522</td>
<td>0.548</td>
<td>5</td>
<td>1</td>
<td>577</td>
</tr>
<tr>
<td>September</td>
<td>2013</td>
<td>84</td>
<td>616,071,260.98</td>
<td>0.523</td>
<td>0.531</td>
<td>0.559</td>
<td>5</td>
<td>1</td>
<td>587</td>
</tr>
<tr>
<td>October</td>
<td>2013</td>
<td>80</td>
<td>592,302,835.00</td>
<td>0.530</td>
<td>0.538</td>
<td>0.563</td>
<td>2</td>
<td>6</td>
<td>589</td>
</tr>
<tr>
<td>November</td>
<td>2013</td>
<td>82</td>
<td>602,754,554.85</td>
<td>0.522</td>
<td>0.530</td>
<td>0.569</td>
<td>3</td>
<td>1</td>
<td>583</td>
</tr>
<tr>
<td>December</td>
<td>2013</td>
<td>81</td>
<td>598,635,536.44</td>
<td>0.522</td>
<td>0.530</td>
<td>0.564</td>
<td>2</td>
<td>3</td>
<td>588</td>
</tr>
<tr>
<td>January</td>
<td>2014</td>
<td>81</td>
<td>609,904,867.18</td>
<td>0.500</td>
<td>0.507</td>
<td>0.515</td>
<td>2</td>
<td>2</td>
<td>576</td>
</tr>
<tr>
<td>February</td>
<td>2014</td>
<td>84</td>
<td>611,141,823.95</td>
<td>0.510</td>
<td>0.517</td>
<td>0.519</td>
<td>4</td>
<td>1</td>
<td>593</td>
</tr>
<tr>
<td>March</td>
<td>2014</td>
<td>87</td>
<td>611,782,912.26</td>
<td>0.523</td>
<td>0.530</td>
<td>0.543</td>
<td>4</td>
<td>1</td>
<td>617</td>
</tr>
<tr>
<td>April</td>
<td>2014</td>
<td>82</td>
<td>568,688,007.17</td>
<td>0.553</td>
<td>0.561</td>
<td>0.537</td>
<td>7</td>
<td>12</td>
<td>628</td>
</tr>
<tr>
<td>May</td>
<td>2014</td>
<td>82</td>
<td>570,593,846.95</td>
<td>0.549</td>
<td>0.556</td>
<td>0.560</td>
<td>1</td>
<td>1</td>
<td>625</td>
</tr>
<tr>
<td>June</td>
<td>2014</td>
<td>80</td>
<td>555,133,059.61</td>
<td>0.549</td>
<td>0.557</td>
<td>0.578</td>
<td>0</td>
<td>2</td>
<td>631</td>
</tr>
<tr>
<td>July</td>
<td>2014</td>
<td>79</td>
<td>554,303,238.08</td>
<td>0.547</td>
<td>0.554</td>
<td>0.582</td>
<td>1</td>
<td>2</td>
<td>622</td>
</tr>
</tbody>
</table>

**Average**

|               |       |                      | 0.527%          | 0.534%           | 0.552 | 3 | 3 | 598 | 340 |

---

Run Date: 08/05/2014 - 14:35

Page 287 of 358
August 20, 2014

Attention: Administrative and Finance Committee

Resolution establishing amount due from the city of San Diego for the In-Lieu Charge as a condition of providing water service for Fiscal Year 2015.

Staff recommendation
Adopt Resolution 2014-___ establishing an amount due of $1,897,901.11 from the city of San Diego for the In-Lieu charge for Fiscal Year 2015.

Fiscal Impact
The amount due from the city of San Diego for the Fiscal Year 2015 In-Lieu Charge is $1,897,901.11 and is payable in four installments as follows: $474,475.27 on September 11, 2014; $474,475.28 on November 6, 2014; $474,475.28 on February 6, 2015; and $474,475.28 on May 1, 2015.

Background
Each year, the Water Authority receives an allocation of property taxes from the County of San Diego that is collected on behalf of the taxing agencies. After the passage of Proposition 13 in 1978 limiting property taxes to 1 percent of assessed valuations, the Legislature established a formula to distribute property tax revenue on a pro rata basis to each agency, including the Water Authority, based on tax collections in the three fiscal years prior to its passage. Pursuant to provisions of the County Water Authority Act, the city was then making payments in lieu of property taxes to the Water Authority. As a result of those payments exclusion from the Legislature’s formula, property taxes payable to the Water Authority from the city were understated.

Over the following years, the Water Authority and city occasionally disputed the appropriate amount of property taxes payable. In April 1987, the two agencies negotiated a settlement and the Water Authority Board adopted Resolution No. 87-21. This resolution authorized an annual In-Lieu Charge as a condition of service to member agencies that made payments in lieu of taxes prior to the passage of Prop.13 and established the calculation for the annual In-Lieu Charge.

In February 2012, California redevelopment agencies were dissolved and began an extensive wind-down of their financial affairs. Property taxes previously allocated to redevelopment agencies are used to pay existing redevelopment debts, make pass-through payments, or offset state general fund costs. Any remaining funds are allocated to local agencies based on their share of property tax revenues in the project area. It is expected that this transition will take many years. At this time there is no impact on the formula or in-lieu calculation from this action.
Discussion
Water Authority staff calculated the In-Lieu Charge due from the city for Fiscal Year 2015, resulting in a charge of $1,897,901.11 payable in four installments. The calculation and installment payment schedule are shown in Attachment A.

The In-Lieu Charge is calculated by multiplying an imputed rate per $100 of assessed valuation times the city’s total net assessed valuation for the upcoming year. The imputed rate is calculated by dividing Water Authority’s tax collections from last year, less the amount paid by the city, by the total net assessed valuation applicable last year, less the city’s and half of Camp Pendleton’s combined applicable assessed valuations.

The increase to the In-Lieu Charge from the prior fiscal year for the city is $143,096.37 or 8.2 percent. The increase in the In-Lieu is due to the increase in tax apportionment received from the County impacting the imputed rate, and increase in the city’s net valuations.

Representatives from the city’s Public Utilities Department have reviewed and are in agreement with the calculation presented in Attachment A.

Prepared by: Ann Yasukochi, Management Analyst
Reviewed by: Lisa M. Celaya, Financial Resources Manager
Reviewed by: Lisa Marie Harris, Director of Finance/Treasurer
Approved by: Sandra L. Kerl, Deputy General Manager

Attachments: Attachment A – Calculation of In-Lieu Charge due from the city of San Diego for Fiscal Year 2015
Resolution 2014-__ Resolution establishing the amount due from the city of San Diego for the In-Lieu Charge for Fiscal Year 2015
### Numerator:
- County Tax Apportionment No. 13 received from County of San Diego, 2014: $8,824,395.01
- Less amount received from the City of San Diego: $(2,561,966.47)
- Numerator amount: $6,262,428.54

### Denominator:

#### Assessed Valuations for Fiscal Year 2014 Less Redevelopment

<table>
<thead>
<tr>
<th>All OWA Member Agencies</th>
<th>Total</th>
<th>Less Redevelopment</th>
<th>Net</th>
</tr>
</thead>
<tbody>
<tr>
<td>Secured Valuations (1% Roll)</td>
<td>$381,445,261,089</td>
<td>$(37,355,388,113)</td>
<td>$344,089,872,976</td>
</tr>
<tr>
<td>Unsecured Valuations (1% Roll)</td>
<td>14,525,336,500</td>
<td>(2,208,453,038)</td>
<td>12,316,883,462</td>
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<tr>
<td>TOTAL Net Valuations</td>
<td>$395,970,597,589</td>
<td>$(39,563,841,151)</td>
<td>$356,406,756,438</td>
</tr>
</tbody>
</table>

Deduct City of San Diego

| Secured Valuations (1% Roll) | $183,042,476,832 | $(17,063,607,795) | $165,978,869,037 |
| Unsecured Valuations (1% Roll) | 8,814,429,738 | (540,252,870) | 8,274,176,868 |
| Deduct 50% of Pendleton | 114,236,787 | 50.00% | 57,118,394 |

TOTAL Deductions: $174,310,164,299

Denominator amount: $182,096,592,140

### Imputed Rate

- Numerator amount: $6,262,428.54
- Denominator amount: $182,096,592,140
- Rate/$100 Assessed Valuation: $0.00343907

### In-Lieu Charge due from the City of San Diego, Fiscal Year 2015

<table>
<thead>
<tr>
<th>City of San Diego 2015</th>
<th>Total</th>
<th>Less Redevelopment</th>
<th>Net</th>
</tr>
</thead>
<tbody>
<tr>
<td>Secured Valuations (1% Roll)</td>
<td>$194,598,789,135</td>
<td>$(18,448,824,940)</td>
<td>$176,149,964,195</td>
</tr>
<tr>
<td>Unsecured Valuations (1% Roll)</td>
<td>9,279,127,651</td>
<td>(560,255,774)</td>
<td>8,718,871,877</td>
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<tr>
<td>TOTAL Net Valuations</td>
<td>$203,877,916,786</td>
<td>$(19,009,080,714)</td>
<td>$184,868,836,072</td>
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</table>

Gross In-Lieu Charge (Imputed Rate x Total Net Valuations): $6,357,768.681

Less Collected from City In-Lieu Charge Due: $(2,561,966.470)

TOTAL: $3,795,802.211

TOTAL Amount Due (1/2 per Sec. 4, Resolution 87-21): $1,897,901.105

### Amount due on:

<table>
<thead>
<tr>
<th>Date</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thursday, September 11, 2014</td>
<td>$474,475.27</td>
</tr>
<tr>
<td>Thursday, November 6, 2014</td>
<td>$474,475.28</td>
</tr>
<tr>
<td>Friday, February 6, 2015</td>
<td>$474,475.28</td>
</tr>
<tr>
<td>Friday, May 1, 2015</td>
<td>$474,475.28</td>
</tr>
<tr>
<td>Total Amount Due</td>
<td>$1,897,901.11</td>
</tr>
</tbody>
</table>
RESOLUTION NO. 2014-__

RESOLUTION OF THE BOARD OF DIRECTORS OF THE SAN DIEGO COUNTY WATER AUTHORITY ESTABLISHING THE AMOUNT DUE FROM THE CITY OF SAN DIEGO FOR FISCAL YEAR 2015 FOR THE IN-LIEU CHARGE AS A CONDITION OF PROVIDING WATER SERVICE.

WHEREAS, by Resolution 87-21 the San Diego County Water Authority (the "Water Authority") established an In-Lieu Charge, as a condition of providing water service against each member agency, which made In-Lieu payments pursuant to Section 9(d) of the County Water Authority Act for the three fiscal years preceding 1978-79;

WHEREAS, the City of San Diego (the "City") is the only member agency to which said charge is applicable;

WHEREAS, the Water Authority has calculated, pursuant to Resolution 87-21, the In-Lieu Charge applicable to the City for Fiscal Year 2015 pursuant to Section 2 thereof, the reduction of the In-Lieu Charge pursuant to Section 3 thereof, and the payment due to the Water Authority pursuant to Section 4 thereof, and presented the same to the Board of Directors;

NOW THEREFORE, it is resolved by the Board of Directors of the Water Authority as follows:

Section 1: In-Lieu Charge - City of San Diego (Resolution 87-21, Section 2)
An In-Lieu Charge in the amount of $6,357,768.68 is hereby established against the City for Fiscal Year 2015 as a condition of providing water service to the City.

Section 2: Reduction of In-Lieu Charge (Resolution 87-21, Section 3)
A deduction from said charge shall be made in the amount of $2,561,966.47 being the amount received by the Water Authority during Fiscal Year 2014 from the County of San Diego Auditor and Controller based upon an allocation from the 1% ad valorem tax levied on taxpayers within the boundaries of the City of San Diego.

Section 3: Amount Due (Resolution 87-21, Section 4)
The City shall pay the Water Authority the sum of $1,897,901.11 which is one-half of the calculated In-Lieu Charge pursuant to Section 1 hereof reduced by the amount received as set forth in Section 2 hereof.
Section 4: Installment Payments

The amount due of $1,897,901.11 shall be paid in four installments as follows:

<table>
<thead>
<tr>
<th>Date</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>September 11, 2014</td>
<td>$474,475.27</td>
</tr>
<tr>
<td>November 6, 2014</td>
<td>474,475.28</td>
</tr>
<tr>
<td>February 6, 2015</td>
<td>474,475.28</td>
</tr>
<tr>
<td>May 1, 2015</td>
<td>474,475.28</td>
</tr>
<tr>
<td><strong>Total Amount Due</strong></td>
<td><strong>$1,897,901.11</strong></td>
</tr>
</tbody>
</table>

Section 5: Transmittal

The Clerk of the Board shall forthwith deliver or cause to be promptly delivered a certified copy of this Resolution to the City of San Diego Public Utilities Department.

PASSED, APPROVED AND ADOPTED, this 28th day of August 2014.

AYES: Unless noted below all Directors voted aye.

NOES:

ABSTAIN:

ABSENT:

__________________________
Thomas V. Wornham, Chair

ATTEST:

____________________________
Michael T. Hogan, Secretary

I, Kelly Walker, Acting Clerk of the Board of Directors of the San Diego County Water Authority, do hereby certify that the vote shown above is correct and this Resolution No. 2014-__ was duly adopted at the meeting of the Board of Directors on the date stated above.

__________________________
Kelly Walker,
Acting Clerk of the Board
August 20, 2014

Attention: Administrative & Finance Committee

Approve Amendments to the San Diego County Water Authority Local Conflict of Interest Code.

Purpose
This action is to hold a public hearing to consider amendments to the San Diego County Water Authority Local Conflict of Interest Code.

Staff recommendation
a) Conduct the Public Hearing.
b) Adopt Resolution No. 2014-__ approving amendments to the San Diego County Water Authority Local Conflict of Interest Code.

Fiscal impact
None.

Background
The state Political Reform Act requires each local agency to adopt a local conflict of interest code and to update its code every two years. The Water Authority last updated its Local Conflict of Interest Code in 2012.

Discussion
The Water Authority’s Local Conflict of Interest Code is adopted by Administrative Code § 1.04.120. The code includes an Appendix that designates those employment and consultant positions that are subject to the Local Conflict of Interest Code and the disclosure categories applicable to those positions. Every two years, the Board considers amendments to the Appendix to account for the addition, deletion or modification of designated positions. The procedure for making substantive amendments to conflict of interest codes includes a public hearing. A copy of the proposed revised Appendix listing designated employees and the corresponding disclosure categories is attached to this memo. The revised Appendix has been reviewed by the executive staff.

Prepared by: Frances Thompson, Legal Administrative Assistant
Approved by: Daniel S. Hentschke, General Counsel

Attachment: Resolution No. 2014-__
Conflict of Interest Code Appendix (2014)
RESOLUTION NO. 2014-___

RESOLUTION OF THE BOARD OF DIRECTORS OF THE SAN DIEGO COUNTY WATER AUTHORITY APPROVING AMENDMENTS TO THE SAN DIEGO COUNTY WATER AUTHORITY LOCAL CONFLICT OF INTEREST CODE

Whereas, on July 24, 2014 the Board of Directors set August 28, 2014 as the date for the Administrative and Finance Committee to hold a public hearing to consider amendments to the San Diego County Water Authority Local Conflict of Interest Code; and

Whereas, on August 28, 2014 the Administrative and Finance Committee held a public hearing to consider amendments to the San Diego County Water Authority Local Conflict of Interest Code; and

Whereas, following the public hearing the Administrative and Finance Committee recommended adoption of amendments to the San Diego County Water Authority Local Conflict of Interest Code;

Now, therefore, the Board of Directors of the San Diego County Water Authority resolves:

1. The San Diego County Water Authority Local Conflict of Interest Code Appendix (2014 Update), attached hereto, is approved.

2. The General Counsel is directed to provide a certified copy of this resolution to the Clerk of the Board of Supervisors.

PASSED, APPROVED AND ADOPTED, on this 28th day of August, 2014 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

___________________________________
Thomas V. Wornham, Chair

ATTEST:

__________________________________
Michael T. Hogan, Secretary
I, Kelly Walker, Acting Clerk of the Board of Directors of the San Diego County Water Authority, certify that the vote shown above is correct and this Resolution No. 2014-____ was duly adopted at the meeting of the Board of Directors on the date stated above.

____________________________________
Kelly Walker
Acting Clerk of the Board
APPENDIX

SAN DIEGO COUNTY WATER AUTHORITY
LOCAL CONFLICT OF INTEREST CODE

List of Designated Positions and Disclosure Requirements
(2014 Update)

SECTION 1: AUTHORITY AND SCOPE

This Appendix is adopted pursuant to and as a part of the San Diego County Water Authority Local Conflict of Interest Code, which adopts by reference the latest provisions of Section 18730 of Title 2 of the California Code of Regulations.

The San Diego County Water Authority Local Conflict of Interest Code contains both requirements for the disclosure of financial interests and disqualification requirements. Violations of the local conflict of interest code are subject to the administrative, criminal and civil sanctions of the Political Reform Act.

This Appendix contains a list of designated positions and disclosure requirements for employees holding designated positions. This Appendix is the "Appendix" referred to in subsection (b)(3) [Disclosure Categories] of 2 Cal. Code of Regs. Section 18730. The General Manager, in consultation with the General Counsel, may add designated positions and establish disclosure requirements for such positions whenever a new job classification is created. Such designation shall be effective pending amendment of the Code or this Appendix by the Board of Directors.

The Members of the Board of Directors, the General Manager, the Director of Finance and the Treasurer are designated as “other public officials who manage public investments” under Government Code Section 87200 and 2 Cal. Code of Regulation Section 18720. Persons in these positions are required to disclose financial interests pursuant to Government Code sections 87200 - 87210 and are, therefore, not included in the list set forth below. However, such persons are subject to the disqualification requirements of the San Diego County Water Authority Local Conflict of Interest Code.

SECTION 2: EFFECTIVE DATE

This 2014 update of the Appendix shall be effective the day following its approval by the code reviewing body. The San Diego County Board of Supervisors is designated by statute as the code reviewing body for the San Diego County Water Authority. Following approval by the code reviewing body, this Appendix remains in effect until repealed or superseded.

SECTION 3: LIST OF DESIGNATED POSITIONS AND DISCLOSURE CATEGORIES

The positions within the Water Authority listed in this section are "designated positions." Any person whose employment position (whether full time, part time or temporary) with the Water Authority is a designated position, is a "designated employee" for the purposes of the local conflict of interest code. Designated employees shall disclose in the manner provided in the local conflict of interest code, those reportable financial interests which are within each of the categories
represented by the numerals following each listed position. Each disclosure category is identified by a number and is described below. Disclosure requirements for interests in each disclosure category are set forth in subsection (b)(7) [Manner of Reporting] of 2 Cal. Code of Regs. Section 18730.

<table>
<thead>
<tr>
<th>Category Number</th>
<th>Reportable Financial Interests</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>All investments</td>
</tr>
<tr>
<td>2</td>
<td>All sources of income</td>
</tr>
<tr>
<td>3</td>
<td>All interests in real property</td>
</tr>
<tr>
<td>4</td>
<td>All business positions</td>
</tr>
<tr>
<td>5</td>
<td>Investments and business positions in business entities, and sources of income, engaged directly or indirectly, in land development, construction, civil engineering, environmental consulting, land planning, real estate (including without limitation brokerage, sales, marketing, leasing, appraisal, and lending), commercial lending, banking or farming.</td>
</tr>
<tr>
<td>6</td>
<td>Investments and business positions in business entities, and sources of income, engaged, directly or indirectly, in development, distribution, transfer, conservation, storage, treatment, reclamation or marketing of water.</td>
</tr>
<tr>
<td>7</td>
<td>Investments and business positions in business entities, and sources of income, engaged in architecture, engineering, accounting, auditing, law, public relations, provision of temporary employees, office products, telecommunications, computer hardware and software, personnel services, management services, or in the manufacture, production, vending or servicing of goods, materials, machinery or equipment of the type routinely used or purchased by public water agencies; including those entities and sources within the scope of category 8.</td>
</tr>
<tr>
<td>8</td>
<td>Investments and business positions in business entities, and sources of income who have contracted with the Authority within the past two years or who in the future may foreseeably contract with the Authority to provide services, supplies, materials, machinery or equipment. Reporting under this category shall apply to those contracts for services, supplies, materials, machinery or equipment acquisition, the solicitation, negotiation, or administration of which are within the scope of regular and customary job duties of the employee.</td>
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<tr>
<td>Designated Positions</td>
<td>Disclosure Categories</td>
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<td>---------------------------------------------</td>
<td>----------------------</td>
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<tr>
<td><strong>General Manager’s Office</strong></td>
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<tr>
<td>Assistant General Manager</td>
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<tr>
<td>Deputy General Manager</td>
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<tr>
<td>Executive Administrative Assistant</td>
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<tr>
<td>Government Relations Manager</td>
<td>5, 6, 7</td>
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<tr>
<td>Management Analyst</td>
<td>5, 6, 7</td>
</tr>
<tr>
<td><strong>General Counsel’s Office</strong></td>
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<tr>
<td>General Counsel</td>
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<tr>
<td>Assistant General Counsel</td>
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<tr>
<td>Deputy General Counsel</td>
<td>1, 2, 3, 4</td>
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<tr>
<td>Legal Administrative Assistant</td>
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<td><strong>Administrative Services Department</strong></td>
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<tr>
<td>Director of Administrative Services</td>
<td>1, 2, 3, 4</td>
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<tr>
<td>Administrative Services Manager</td>
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<tr>
<td>Clerk of the Board</td>
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<tr>
<td>Data Base Administrator</td>
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<tr>
<td>Deputy Clerk of the Board</td>
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<tr>
<td>Facilities Services Technician</td>
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<tr>
<td>Human Resources Analyst</td>
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<tr>
<td>Human Resources Assistant</td>
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<tr>
<td>Director of Human Resources Manager</td>
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<tr>
<td>Information Systems Manager</td>
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<tr>
<td>Information Systems Supervisor</td>
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<tr>
<td>Management Analyst</td>
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<tr>
<td>Purchasing Manager</td>
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<td>Purchasing Technician I and II</td>
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<tr>
<td>Risk Manager</td>
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<tr>
<td>Safety Officer</td>
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<tr>
<td>Senior Human Resources Analyst</td>
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<tr>
<td>Senior Management Analyst</td>
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<tr>
<td>Assistant Supervising Management Analyst</td>
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<tr>
<td>Warehouse Supervisor</td>
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<tr>
<td><strong>Colorado River Program</strong></td>
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<tr>
<td>Colorado River Program Director</td>
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<tr>
<td>Assistant Water Resource Specialist</td>
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<tr>
<td>Engineer (P.E.)</td>
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<tr>
<td>Senior Engineer</td>
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<tr>
<td>Senior Public Affairs Representative</td>
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<tr>
<td>Senior Principal Water Resources Specialist</td>
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### Engineering Department

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<th>Pages</th>
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<tr>
<td>Director of Engineering</td>
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<tr>
<td>Cost Estimator</td>
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<tr>
<td>Engineer (P.E.)</td>
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<tr>
<td>Engineer I</td>
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</tr>
<tr>
<td>Engineer II</td>
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<tr>
<td>Engineering Manager</td>
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<tr>
<td>Engineering Technician I</td>
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<tr>
<td>Engineering Technician II</td>
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<tr>
<td>Land Surveyor (P.L.S.)</td>
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<tr>
<td>Management Analyst</td>
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<tr>
<td>Principal Construction Manager</td>
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<tr>
<td>Principal Engineer</td>
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<td>Right of Way Agent</td>
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<td>Right of Way Supervisor</td>
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<td>Right of Way Technician I</td>
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<tr>
<td>Right of Way Technician II</td>
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<td>Right of Way Technician III</td>
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<td>Right of Way Technician IV</td>
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<tr>
<td>Senior Construction Manager</td>
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<td>Senior Engineer</td>
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<td>Senior Engineering Technician</td>
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<tr>
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<td>Senior Project Scheduler</td>
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<td>Senior Right of Way Agent</td>
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<td>Senior Survey Technician</td>
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<td>Supervising Administrative Assistant</td>
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<td>Supervising Land Surveyor</td>
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<td>Supervising Management Analyst</td>
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<td>Survey Technician</td>
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### Finance Department

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<tr>
<td>Controller</td>
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<tr>
<td>Financial Planning Manager</td>
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<tr>
<td>Financial Resources Manager</td>
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<td>Investment Analyst</td>
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<tr>
<td>Rate and Budget Analyst</td>
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**Human Resources Department**

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<thead>
<tr>
<th>Role</th>
<th>Codes</th>
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<tbody>
<tr>
<td>Director of Human Resources</td>
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<tr>
<td>Human Resources Assistant</td>
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<tr>
<td>Senior Human Resources Analyst</td>
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**MWD Program**

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<tr>
<td>MWD Program Director</td>
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<tr>
<td>Assistant Water Resources Specialist</td>
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<tr>
<td>Public Affairs Senior Manager</td>
<td>5, 6, 7</td>
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<tr>
<td>Senior Water Resources Specialist</td>
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</table>

**Operations and Maintenance Department**

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<thead>
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<th>Role</th>
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<tbody>
<tr>
<td>Director of Operations and Maintenance</td>
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</tr>
<tr>
<td>Contracts Manager</td>
<td>1, 2, 3, 4</td>
</tr>
<tr>
<td>Electrical/Electronics Supervisor</td>
<td>7</td>
</tr>
<tr>
<td>Management Analyst</td>
<td>5, 6, 7</td>
</tr>
<tr>
<td>Operations and Maintenance Manager</td>
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<tr>
<td>Principal Engineer</td>
<td>1, 2, 3, 4</td>
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<tr>
<td>Principal Water Resources Specialist</td>
<td>5, 6, 7</td>
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<tr>
<td>Senior Electrical/Electronics Technician</td>
<td>7</td>
</tr>
<tr>
<td>Senior Engineer</td>
<td>5, 7</td>
</tr>
<tr>
<td>Senior Engineering Technician</td>
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</tr>
<tr>
<td>Senior Maintenance Technician</td>
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<tr>
<td>Senior System Operator</td>
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<tr>
<td>Senior Water Resources Specialist</td>
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<tr>
<td>Supervising Management Analyst</td>
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</tr>
<tr>
<td>System Maintenance Supervisor</td>
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<tr>
<td>Systems Operations Supervisor</td>
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<tr>
<td>Water Resources Specialist</td>
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</table>
Public Outreach and Conservation Department

Director of Public Outreach and Conservation 1, 2, 3, 4
Education Programs Specialist 8
Management Analyst 5, 7
Principal Water Resources Specialist 4, 5, 6, 7
Public Affairs Manager 1, 2, 3, 4 7
Public Affairs Representative I 8
Public Affairs Representative II 8
Public Affairs Supervisor 5, 7
Senior Public Affairs Representative 7
Senior Water Resources Specialist 5, 6, 7
Small Business Contracting Manager 5, 7
Water Resources Specialist 5, 6, 7

Water Resources Department

Director of Water Resources 1, 2, 3, 4
Engineer (P.E.) 5, 6, 7
Management Analyst 5, 6, 7
Principal Engineer (P.E.) 1, 2, 3, 4
Principal Water Resources Specialist 5, 6, 7
Senior Water Resources Specialist 5, 6, 7
Water Resources Manager 1, 2, 3, 4
Water Resources Specialist 5, 6, 7

Consultants

Fair Political Practices Commission regulation [2 Cal. Code of Regs. section 18701(a)] defines "consultant" as an individual whom, pursuant to a contract with a state or local governmental agency:

(a) Makes a governmental decision whether to:

1. Approve a rate, rule or regulation;
2. Adopt or enforce a law;
3. Issue, deny, suspend, or revoke a permit, license, application, certificate, approval, order, or similar authorization or entitlement;
4. Authorize the agency to enter into, modify, or renew a contract provided it is the type of contract that requires agency approval;
5. Grant agency approval to a contract which requires agency approval and in which the agency is a party or to the specifications for such a contract;
6. Grant agency approval to a plan, design, report, study, or similar item;
7. Adopt, or grant agency approval of, policies, standards, or guidelines for the agency, or for any subdivision of the agency; or
(b) Serves in a staff capacity with the agency and in that capacity participates in making a governmental decision or performs the same or substantially all the same duties for the agency that would otherwise be performed by an individual holding a position specified in the agency's local conflict of interest code.

Disclosure required:

Disclosure required by consultants shall be determined on a case-by-case basis by the General Manager, or in the case of legal service contracts, by the General Counsel. The General Manager, in consultation with the General Counsel, or General Counsel may determine whether a person is a consultant and what disclosure, if any, is required by the consultant. The determination shall be in writing and shall include a description of the consultant's duties and, based upon that description, a statement of the extent of disclosure requirements. The written determination is a public record and shall be retained for public inspection in the office of the Clerk of the Board. The written determination may be made as a part of the contract pursuant to which the consultant provides services to the Authority. Subject to the foregoing, consultants that meet the definition of paragraph (b), above, generally will disclose financial interests in the same manner as is required for the designated position the duties of which are performed, in whole or in part, by the consultant.
August 20, 2014

Attention: Administrative and Finance Committee

Optimization of the Water Authority’s Debt Portfolio and Other Long-Term Obligations.
(Discussion)

Purpose
In June 2014, staff provided an update on the Water Authority’s multi-year budget for Fiscal Years 2014 and 2015. The update indicated that the Water Authority was projecting to spend approximately 3.8% less than budgeted primarily due to reduced spending on the Capital Improvement Program (CIP). Staff communicated that it would perform an assessment on the Water Authority’s outstanding debt to evaluate additional opportunities to refund, pay off existing debt, and/or defer the next issuance of debt in response to the reduced level of CIP spending and current market conditions. This report summarizes the analysis and findings.

Background
During the current budget period, the CIP achieved $29.2 million in project cost savings due to favorable construction bids and lower than expected steel prices on relining projects. Additionally, the Water Authority received $26.7 million from the legal settlement related to the Lake Hodges litigation. These actions have created the availability of $55.9 million in pay-as-you-go (PAYGO) funds. These funds are available for one-time uses and restricted to capital related purposes. In addition, approximately $4.3 million was projected as savings in the operating fund, primarily due to vacancies, that could be available if upon review any options identified could not be utilized with capital restricted funds.

Discussion
Staff evaluated options to utilize PAYGO funds available for one-time purposes as a result of the savings in the CIP. The focus of staff’s analysis was on the Water Authority’s debt portfolio; however, as part of the analysis, additional long-term opportunities were also identified that could be utilized from savings in the operating fund. The following identifies the various options reviewed, discusses advantages and/or disadvantages, estimates financial impact, and summarizes other actions that may be required to implement the option.

Debt Portfolio Optimization
As part of this process, the Water Authority’s debt portfolio was not only analyzed for cost savings opportunities but also for opportunities to restructure the portfolio to enable rate and charge relief. Rate and charge relief is provided when the Water Authority’s senior lien debt service is reduced. The senior lien debt service coverage is an important financial performance metric; the Board has established a coverage target of 1.50x. A reduction in senior lien debt service would not only reduce the Water Authority’s debt service expense but also the amount of revenue needed to meet the coverage target. Therefore a $1 reduction in debt service equals a $1.50 reduction in rates and charges.

Based upon staff’s review of the debt portfolio, several opportunities for cost savings and/or rate and charge relief were identified for Board consideration. These options are discussed below.
1. **2004 COPs Debt Management Action**
   In February 2015, $43.9 million in outstanding 2004 COPs will be eligible for a current refunding on the May 1, 2015 call date. Staff evaluated two potential actions 1) execute a current refunding of the outstanding 2004 COPs; or 2) call the bonds and pay down the outstanding principal (i.e. a defeasance). When evaluating these options staff would support defeasing the outstanding 2004 COPs since this option maximizes the debt service savings and reduces annual senior lien debt service by $2.2 million between Fiscal Years 2016 and 2019 and by $4 million after Fiscal Year 2019. It is important to note that depending on when this action is taken there may be some savings in Fiscal Year 2015 as well. The reduction in senior lien debt service will reduce the rate revenues required to meet the Board’s 1.50x coverage target, providing additional rate and charge relief. The estimated rate savings from defeasing the 2004 COPs is $6.60 per acre-foot (AF) between Fiscal Years 2016 and 2019 and a savings of $12/AF thereafter through maturity in Fiscal Year 2034.

To call the 2004 COPs, an escrow account must be established to make the final interest payment and to pay the outstanding principal on May 1, 2015. Once the escrow is established, the remaining 2004 COPs debt service payments and principal are excluded from the financial statements and not included in the debt service coverage ratio calculation. The escrow funding requirement is $45 million. Taking into account the $4.1 million 2004 COPs debt service reserve fund, a deposit of $40.9 million from the PAYGO Fund would be required to execute the escrow.

2. **2008 COPs Debt Management Action**
   Currently there is $536.1 million in outstanding 2008 COPs, the majority of which are eligible for advanced refunding. Based upon a careful review of the current economics (the amount of savings versus negative arbitrage) of an advanced refunding, staff believes that the refunding opportunity should be closely monitored but not executed at this time.

   In addition to analyzing the advanced refunding opportunity, staff also considered opportunities to restructure the debt to provide rate and charge relief. Several serial certificates that are not callable (offer no potential refunding savings) but could be restructured were identified. Of the serial certificates identified, the $13.6 million serial certificate maturing in Fiscal Year 2016 was identified as yielding the largest benefit. Because this maturity coincides with first full year of desalination costs, the reduction in debt service would help to further smooth the rate and charge impact of desalination. While some debt service savings could occur in Fiscal Year 2015, the majority of savings would be realized in Fiscal Year 2016 when the certificate matures. This option would reduce the Fiscal Year 2016 debt service payment by $13.9 million, which when combined with debt service coverage savings, reduces rates and charges by approximately $42/AF.

   This option would require an escrow be established to pay debt service on the 2016 serial certificate through maturity on May 1, 2016. An initial deposit of $14.2 million in the escrow combined with investment earnings would fund three semi-annual interest payments of $0.3 million and a principal payment of $13.3 million on May 1, 2016. Like the 2004 COPs debt service reserve fund, a deposit of $40.9 million from the PAYGO Fund would be required to execute the escrow.
COPs action discussed above, once the escrow is funded, the future debt service payments are excluded from the financials and debt service calculations.

3. **Tax Exempt Commercial Paper (TECP) Principal Buy Down**  
   Currently there is $310 million in outstanding TECP. These notes are a subordinate obligation, which means they are not included in the senior lien debt service coverage calculation but are very flexible and can be paid down at any maturity date to reduce the amount outstanding principal. The savings on the TECP would include bank fees, dealer fees and the interest rates, which change over time. Currently, these costs sum up to approximately 0.6%. The cost savings net of the pooled investment return rate is approximately 0.1%, which means the annual savings is $0.1 million per year for every $100 million of TECP principal paid down. The estimated rate impact of a pay down of $100 million is $0.20/AF. While a viable option for consideration, this option offers only limited benefits.

**Other Long-Term Obligations**  
In addition to the analysis of the Water Authority’s debt portfolio, other long-term obligations were reviewed to determine if additional options were available for cost savings and/or rate and charge relief. However, the only options identified, discussed below, would not be eligible to fund from PAYGO as they are operating related. The Water Authority does believe these options should be discussed and could be funded from the $4.3 million in projected savings in the operating fund. Again, similar to the CIP savings, these funds are available for one-time purposes only and should not be considered to support ongoing programs and/or services.

4. **Pre-fund the Water Authority’s Other Post-Employment Benefit (OPEB) obligation**  
   Currently the Water Authority has a relatively limited OPEB liability associated with the retiree health insurance coverage benefit. The retiree health insurance benefit allows a retiree and spouse to participate in a Water Authority group health plan(s) with the Water Authority contributing a not to exceed amount of $320/month for a retiree and their spouse; $200/month for a retiree only; or $160/month for only the retiree’s spouse. The retiree can also receive payments if they participate in a qualifying plan(s) other than the Water Authority’s. The retiree health insurance benefit has certain eligibility requirements and is only paid until the age of 65.

   Because the size of OPEB liabilities for some agencies is significant and currently only a limited amount of information on them is required to be reported, the Government Accounting Standards Board (GASB) has been focused on making the costs and financial obligations that governments incur as part of providing these benefits clear to stakeholders. On May 28, 2014, GASB unanimously approved proposed improvements for reporting health insurance and other retiree benefits. While the review period for these proposals is still open, the reporting requirement for OPEB is likely to change requiring the actuarially liability to be reported in the financial statements.

   As of June 30, 2014, the Unfunded Actuarial Accrued Liability (UAAL) for OPEB was $5.8 million based on the Actuarial Report provided to the Water Authority by Nyhart Epler actuary consulting firm. This is based on a 4% discount rate consistent with the Water Authority’s current practice of not pre-funding OPEB liabilities. The average yield on
pooled fund investments is currently 0.49%. Staff is supportive of pre-funding the OPEB UAAL. By utilizing the California Employers’ Retiree Benefit Trust (CERBT), the Water Authority would be able to apply the current projected long-term rate of return on CERBT assets (a 7.61% discount rate). Using this higher discount rate, the Water Authority would be able to fully fund the OPEB UAAL with a deposit of $4.6 million to CERBT. The impact of pre-funding 100% of the OPEB UAAL as of June 30, 2014 would result in a reduction in the Annual Required Contribution (ARC) of 65% or approximately $400,000 in the fiscal year following funding providing approximately $0.80/AF of rate relief.

The Board would be required to approve the agreement and election with CalPERS in order to proceed with this action.

5. Fund the Water Authority’s Pension Unfunded Actuarial Accrued Liability (UAAL)

Currently the Water Authority has a moderate Pension UAAL with CalPERS. The most recent actuarial report from CalPERS identifies a June 30, 2012 UAAL balance of $42.3 million based on the actuarial value of assets (AVA) and $60.5 million based on the market value of assets (MVA). Respectively, this represents a funded ratio of 74.5% based on AVA and 63.5% based on MVA. The UAAL is estimated to grow to $43.2 million by fiscal year end June 30, 2014.

The Governmental Accounting Standards Board issued Statement Number 68 to enhance transparency in disclosure of pension obligations. This statement will be implemented for Fiscal Year ended June 30, 2015. Implementation of this statement will increase the volatility in reporting of the pension liability and pension expense, and the UAAL will be recorded on the Statement of Net Assets. The increase in volatility is due to several reasons with the main two being the requirement to record annual changes based on the market value of assets and the use of a lower discount rate based on the long-term expected rate of return on pension plan investments.

Funding the UAAL should dampen the impact of the year to year changes in pension expense anticipated upon implementation of GASB 68. Increasing the funded ratio of the pension plan will have a positive impact by reducing the annual required contribution (ARC) in future years. Staff developed a scenario, in which a payment equal to approximately $11 million or 25% of the UAAL would result in a decrease of the ARC by approximately $775,000 and in the subsequent year providing approximately $1.55/AF of rate relief.

Due to the significant funding this would require, and the fact that only operating fund dollars could be utilized, staff does not support this option at the current time. Under General Manager’s authority, the Water Authority pre-funded the ARC for Fiscal Year 2015 in July 2014 which saved $213,000.
Conclusion
The purpose of this report was to summarize staff’s analysis of opportunities to utilize one-time funds to address Water Authority’s debt portfolio and other long-term liabilities. One time funds identified in the Pay Go and Operating funds totaled $55.9 million and $4.3 million respectively. The following table depicts the annual savings and cost to implement the options reviewed in this report.

<table>
<thead>
<tr>
<th>Options</th>
<th>Funding Source</th>
<th>Annual Savings</th>
<th>Amount (in millions)</th>
<th>Rate Impact ($/AF)</th>
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</thead>
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<tr>
<td><strong>PAYGO</strong></td>
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<td>Pay-Go/Operating</td>
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<td>$2.0</td>
<td>N/A</td>
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<td>$1.1 - $4M</td>
<td>$40.9</td>
<td>$7-$12/AF</td>
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<td>3) 2008 COPs</td>
<td>Pay-Go</td>
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<td>$14.2</td>
<td>$2-$42/AF</td>
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<td>TBD</td>
<td>$310</td>
<td>$0.20/AF¹</td>
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<tr>
<td><strong>OPERATING FUND</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1) OPEB</td>
<td>Operating</td>
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<td>$4.6</td>
<td>$0.70/AF</td>
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<td>2) CalPERS Unfunded Liability</td>
<td>Operating</td>
<td>$775K</td>
<td>$11/yr²</td>
<td>$1.55/AF</td>
</tr>
</tbody>
</table>

¹ Per $100 million
² Assumes $11 million per year for four years

Upon presentation of this information, the Board will have the opportunity to ask questions and provide input. Staff will return to the September Board meeting with specific recommendations for board consideration.

Prepared by: Lisa Celaya, Financial Resources Manager
             David Shank, Financial Planning Manager
             Rod Greek, Controller

Reviewed by: Lisa Marie Harris, Director of Finance

Approved by: Sandra L. Kerl, Deputy General Manager
August 20, 2014

Attention: Administrative and Finance Committee

Report on Water Standby Availability Charge deferrals for Fiscal Year 2015 (Information)

Purpose
This informational item is an annual report to the Board of Directors of the parcels that have applied for and received the deferral status from the Water Standby Availability Charge.

Background
The Water Standby Availability Charge is a stable source of revenue to the Water Authority of approximately $11 million annually. It is a special assessment, shown as such on the property tax bills, and is based on a charge of $10 per acre or parcel, whichever is greater. The collection of the charge is remitted to the Water Authority by the San Diego County Auditor and Controller.

As part of the implementation of the Water Standby Availability Charge, a procedure was developed to allow deferral of the charge on parcels that complied with the specific terms and conditions set forth by the Board of Directors. Approval of a Water Standby Availability Charge deferral generally requires the property owner to record a covenant of the deferral. The deferred charges accrue interest at 10 percent, the legal rate of fiscal interest, compounded each year. When water service is requested, all charges that have been deferred plus interest are due and payable. The fee for deferral and cancellation of deferral is $500 for each application. The application fee may be waived for deferrals to establish permanent open space.

Discussion
The Board has requested an annual report of the parcels that apply for and receive the deferral status, shown in Attachment 1. The attachment presented shows the parcel number, deferral date, acreage, deferral amount and interest. Currently, there are 301 parcels on the deferral list representing 12,697.55 acres with total deferred Water Standby Availability Charges of $1,456,229 and accrued interest of $2,429,926. In Fiscal Year 2014, deferrals for five parcels were completed for 179.37 acres, and one termination for 73.11 acres. In addition to these changes, a review of deferral agreements resulted in 17 discontinued parcels and 33 re-recorded parcels.

Prepared by: Ann Yasukochi, Management Analyst
Reviewed by: Lisa Marie Harris, Director of Finance/Treasurer
Attachment 1: San Diego County Water Authority, Water Standby Availability Charge Deferral Report.
## San Diego County Water Authority
### Water Standby Availability Charge Deferral Report

The following parcels have received a deferral of their Water Standby Availability Charge through Fiscal Year 2014

<table>
<thead>
<tr>
<th>Number</th>
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<th>Acreage</th>
<th>Deferred Amount</th>
<th>Accrued Interest</th>
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</table>
The following parcels have received a deferral of their Water Standby Availability Charge through Fiscal Year 2014

<table>
<thead>
<tr>
<th>Number</th>
<th>Deferral Date</th>
<th>Acreage</th>
<th>Deferred Amount</th>
<th>Accrued Interest</th>
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August 20, 2014

Attention: Administrative & Finance Committee

Report on Water Authority Memberships (Information)

Purpose
To provide a list of the Water Authority’s memberships for review by the Board of Directors.

Fiscal Impact
There is no fiscal impact.

Background
The Administrative Code Section 2.05.030, Organizations of which the Water Authority is a Member, reads as follows: “The Authority may join and pay dues to civic, educational, and governmental organizations as the Board deems appropriate to furtherance of the Authority’s purposes. For purposes of this Chapter, “organizations” includes individual civic, educational and governmental organizations as well as associations, leagues, coalitions and similar affiliations of persons or entities. Authority memberships include agency memberships and individual memberships of organizations that do not have agency memberships, and sponsorship of or purchase of admission tickets to organization events. For purposes of this Chapter, an event of an organization of which the Authority is a member includes an activity sponsored by the Water Authority or to which the Water Authority has purchased one or more admission tickets. The General Manager shall keep a list of the Authority’s memberships and the annual membership payments. The Board shall review the list of Authority memberships annually.”

Discussion
As required by Administrative Code Section 2.05.030, the list of Water Authority memberships for Fiscal Year 2015 is attached. This list reflects the estimated membership costs for Fiscal Year 2015.

Prepared by:  Lisa Celaya, Financial Resources Manager
Reviewed by:  Lisa Marie Harris, Finance Director/Treasurer

Attachment 1: Water Authority Memberships Fiscal Year 2015
## Attachment 1: Water Authority Memberships
### Fiscal Year 2015

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<td>5,000</td>
<td></td>
</tr>
<tr>
<td>California Water Policy Conference</td>
<td>1,500</td>
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<tr>
<td>California Chamber of Commerce</td>
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</tr>
<tr>
<td>California Special Districts Association (CSDA)</td>
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<tr>
<td>Southern California Water Committee (SCWC)</td>
<td>850</td>
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<td><strong>Federal</strong></td>
<td>Western Urban Water Coalition (WUWC)</td>
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<tr>
<td>Association of Metropolitan Water Agencies (AMWA)</td>
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<td></td>
</tr>
<tr>
<td>American Water Works Association (AWWA)</td>
<td>10,500</td>
<td></td>
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<tr>
<td>The Climate Registry</td>
<td>3,000</td>
<td></td>
</tr>
</tbody>
</table>
# Attachment 1: Water Authority Memberships
## Fiscal Year 2015

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>DESCRIPTION</th>
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<tr>
<td><strong>Conservation</strong></td>
<td>California Urban Water Conservation Council (CUWCC)</td>
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<td></td>
<td>Alliance for Water Efficiency</td>
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<td></td>
<td>Cuyamaca Sustainable Urban Landscape Conference</td>
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<td>California Landscape Contractors Association</td>
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<td>San Diego Horticultural Society</td>
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<td></td>
<td>Irrigation Association (IA)</td>
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<td>Brawley Cattle Call Rodeo/Tickets</td>
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<td></td>
<td>Calexico Chamber of Commerce - Mariachi Festival</td>
<td>1,120</td>
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<td></td>
<td>Brawley Cattle Call Parade</td>
<td>1,100</td>
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<tr>
<td></td>
<td>Imperial Valley Business Showcase</td>
<td>1,000</td>
</tr>
<tr>
<td></td>
<td>IV Economic Development Corp</td>
<td>1,000</td>
</tr>
<tr>
<td></td>
<td>IV Mid Winter Fair &amp; Expo</td>
<td>1,000</td>
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<tr>
<td></td>
<td>IVEDC/SDREDC Mega-Region Grant Initiative</td>
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</tr>
<tr>
<td></td>
<td>Joint Chambers of Commerce FreedomFest / KXO Radio</td>
<td>750</td>
</tr>
<tr>
<td></td>
<td>Mana of Imperial Valley Las Primeras event</td>
<td>750</td>
</tr>
<tr>
<td></td>
<td>Holtville Chamber Carrot Festival</td>
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</tr>
<tr>
<td></td>
<td>Imperial County Aviation Day</td>
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</tr>
<tr>
<td></td>
<td>Institute for Socio Econ Justice - Ceasar Chavez Concert</td>
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<td></td>
<td>P-16 Council</td>
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<td></td>
<td>IV Farm Bureau</td>
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<td></td>
<td>El Centro Chamber Co-Op Mixer</td>
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<td>Imperial Chamber Membership event</td>
<td>200</td>
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<td></td>
<td>Brawley Chamber of Commerce</td>
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<td></td>
<td>Kiwanis</td>
<td>150</td>
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<td></td>
<td>American Citizens Club Annual Dinner</td>
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<td></td>
<td>Colorado River Water Users Association (CRWUA)</td>
<td>75</td>
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<td></td>
<td>Holtville Chamber of Commerce</td>
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<td></td>
<td>Imperial Chamber of Commerce</td>
<td>50</td>
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<tr>
<td><strong>Regional Outreach</strong></td>
<td>Southern California Leadership Council</td>
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<td></td>
<td>San Diego Regional Chamber of Commerce</td>
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<td></td>
<td>San Diego Regional Economic Development Corp</td>
<td>5,000</td>
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<tr>
<td></td>
<td>MexPort (Otay Mesa)</td>
<td>500</td>
</tr>
<tr>
<td></td>
<td>San Diego County Farm Bureau</td>
<td>395</td>
</tr>
</tbody>
</table>
August 20, 2014

Attention: Administrative and Finance Committee

Controller’s Report on Monthly Financial Reports (Information)

Financial Reports:
Attached for review by the Administrative and Finance Committee and the Board of Directors are the following financial reports:

Attachment A: Water Sales Volumes, in acre-feet
Attachment B: Water Sales Revenues, in millions
Attachment C: Water Purchases and Treatment Costs, in millions

The Water Authority is in the process of closing fiscal year 2014 and preparing the audit schedules, the financial statements, and the related documents required for the Comprehensive Annual Financial Report. The preliminary financial statements for the twelve-month period of July 1, 2013 through June 30, 2014 will be provided at the September 25, 2014 Board meeting.

Net Water Sales Revenue¹
Net Water Sales Revenue is the Water Authority’s principal source of revenue and is the difference between the sale of water and the cost of that water. Sales include revenues from variable commodity charges for supply, treatment and transportation, as well as from fixed charges for customer service and storage. Cost of water includes payments to water suppliers such as Metropolitan Water District (MWD) and Imperial Irrigation District (IID).

Net Water Sales Revenue for the twelve-month period ended June 30, 2014 was $167.8 million, trending $9.3 million, or 6%, higher than the period-to-date budgeted amount of $158.5 million. Detailed information relating to net water sales revenue is described below and shown on Attachments A, B, and C.

Total acre-feet (AF) of water sold were budgeted at 471,509 AF for the twelve-month period ended June 30, 2014. The actual water sales volume was 522,453 AF, trending 50,944 AF, or 11%, higher than budgeted (Attachment A). The continuing warm and dry conditions have kept the monthly sales volume above budget since October 2013. As a result, total actual Water Sales revenue for the twelve-month period ended June 30, 2014 was $593.7 million, trending $50.9 million, or 9%, higher than the period-to-date budgeted amount of $542.8 million (Attachment B).

Total Water Purchases and Treatment costs were budgeted at $384.4 million and the actual costs were $425.9 million, trending $41.5 million, or 11%, over budget for the twelve-month period ended June 30, 2014. Total Water Purchases and Treatment costs included $56.7 million for the 100,000 AF

¹ All information regarding water sales volumes, revenues and costs are based on the adopted fiscal years 2014 and 2015 multi-year budget.
of water purchased from IID for the twelve-month period ended June 30, 2014, and $81.3 million for MWD’s conveyance charges to transfer 180,033 AF, from July through June, the water purchased from IID and conserved through the Coachella Canal and All-American Canal lining projects.

In summary, Water Sales volume trended 11% and Water Sales Revenues trended 9% above the period-to-date budget, and Total Water Purchases and Treatment costs trended 11% over the same period-to-date budget. For the twelve-month period ended June 30, 2014, Net Water Sales Revenue trended 6%, or $9.3 million, higher than budgeted.

**Capacity Charges**
Total Capacity Charges revenue for the twelve-month period ended June 30, 2014 was $13.8 million, $1.1 million, or 7%, lower than the budgeted amount of $14.9 million. Total actual capacity charges revenue includes $3.5 million accrued in June 2014 to recognize capacity charges revenue from April through June 2014. The largest actual capacity charges revenue for the twelve-month period ended June 30, 2014 were from the City of San Diego at $7.4 million, Olivenhain Municipal Water District at $1.2 million, and City of Carlsbad at $0.8 million.

______________________________
Rod Greek, Controller
**WATER SALES VOLUMES**

Budget Versus Actual (in Acre-Feet) for the 12 Months Ended June 30, 2014

*Budgeted amounts are based on the adopted two year budget.*

### Fiscal Year 2014 Cumulative Water Sales (AF)

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td><em>Budget (a)</em></td>
<td>55,314</td>
<td>104,634</td>
<td>160,795</td>
<td>201,198</td>
<td>249,650</td>
<td>297,844</td>
<td>327,175</td>
<td>350,089</td>
<td>375,697</td>
<td>401,204</td>
<td>428,189</td>
<td>471,509</td>
</tr>
<tr>
<td>Actual</td>
<td>49,314</td>
<td>100,674</td>
<td>158,363</td>
<td>206,462</td>
<td>241,948</td>
<td>273,250</td>
<td>311,940</td>
<td>341,823</td>
<td>373,484</td>
<td>416,706</td>
<td>470,879</td>
<td>522,453</td>
</tr>
<tr>
<td>AF Difference (b)</td>
<td>(6,000)</td>
<td>(9,960)</td>
<td>(2,432)</td>
<td>2,264</td>
<td>3,559</td>
<td>3,290</td>
<td>13,619</td>
<td>19,705</td>
<td>24,082</td>
<td>32,489</td>
<td>46,998</td>
<td>50,944</td>
</tr>
<tr>
<td>Cum. Actual AF</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>% Difference (b/a)</td>
<td>-11%</td>
<td>-9%</td>
<td>-2%</td>
<td>1%</td>
<td>1%</td>
<td>1%</td>
<td>5%</td>
<td>6%</td>
<td>7%</td>
<td>8%</td>
<td>11%</td>
<td>11%</td>
</tr>
</tbody>
</table>

*Budgeted amounts are based on the adopted two year budget.*
Fiscal Year 2014 Cumulative Water Sales (in Millions $)

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>*Budget (a)</td>
<td>59.0</td>
<td>118.0</td>
<td>172.3</td>
<td>220.2</td>
<td>259.9</td>
<td>296.6</td>
<td>332.2</td>
<td>363.6</td>
<td>398.8</td>
<td>441.1</td>
<td>488.4</td>
<td>542.8</td>
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<tr>
<td>Actual</td>
<td>54.7</td>
<td>110.6</td>
<td>171.6</td>
<td>223.3</td>
<td>264.8</td>
<td>302.6</td>
<td>348.9</td>
<td>386.9</td>
<td>425.6</td>
<td>475.6</td>
<td>535.9</td>
<td>593.7</td>
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<tr>
<td>Difference (b)</td>
<td>(4.3)</td>
<td>(7.4)</td>
<td>(0.7)</td>
<td>3.1</td>
<td>4.9</td>
<td>6.0</td>
<td>16.7</td>
<td>23.3</td>
<td>26.8</td>
<td>34.5</td>
<td>47.5</td>
<td>50.9</td>
</tr>
<tr>
<td>Cum. Actual</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>% Difference (b/a)</td>
<td>-7%</td>
<td>-6%</td>
<td>0%</td>
<td>1%</td>
<td>2%</td>
<td>2%</td>
<td>5%</td>
<td>6%</td>
<td>7%</td>
<td>8%</td>
<td>10%</td>
<td>9%</td>
</tr>
</tbody>
</table>

*Budgeted amounts are based on the adopted two year budget.
### Fiscal Year 2014 Cumulative Cost of Water Purchases and Treatment (in Millions $)

<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td><em>Budget (a)</em></td>
<td>42.8</td>
<td>85.5</td>
<td>124.8</td>
<td>159.0</td>
<td>187.1</td>
<td>212.8</td>
<td>237.4</td>
<td>258.8</td>
<td>283.0</td>
<td>312.6</td>
<td>345.9</td>
<td>384.4</td>
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<tr>
<td>Actual</td>
<td>34.4</td>
<td>78.9</td>
<td>122.7</td>
<td>122.7</td>
<td>159.7</td>
<td>187.5</td>
<td>214.3</td>
<td>247.3</td>
<td>274.0</td>
<td>305.2</td>
<td>338.1</td>
<td>382.1</td>
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<tr>
<td>Difference (b)</td>
<td>(8.4)</td>
<td>(6.6)</td>
<td>(1.9)</td>
<td>0.7</td>
<td>0.4</td>
<td>1.5</td>
<td>9.9</td>
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<td>22.2</td>
<td>26.1</td>
<td>36.2</td>
<td>41.5</td>
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<tr>
<td>Cum. Actual</td>
<td>-20%</td>
<td>-8%</td>
<td>-2%</td>
<td>0%</td>
<td>0%</td>
<td>1%</td>
<td>4%</td>
<td>6%</td>
<td>8%</td>
<td>8%</td>
<td>10%</td>
<td>11%</td>
</tr>
</tbody>
</table>

*Budgeted amounts are based on the adopted two year budget.
SEPTEMBER 2014
• 3 MWD Delegates – 11:00 a.m.
• 8 SCOOP – 9:30 a.m.
• 11 No Special Board meeting this month – please remove the hold from your calendars
• 25 Committees begin at 9:00 a.m.
  Formal Board meeting begins at 3:00 p.m.
• 30 Engineering and Operations Tour – Approximately 7:30 a.m. – 2:00 p.m.
  7:30 a.m. pick-up from Kearny Mesa Headquarters, 7:45 a.m. from Escondido Operations Center.

OCTOBER 2014
• 8 MWD Delegates – 11:00 a.m.
• 9 Special Board Workshop - 1:30 p.m.
  (2015 Water Supply Scenario Planning)
• 23 Committee begins at 9:00 a.m.
  Formal Board meeting begins at 3:00 p.m.

NOVEMBER 2014
• 4 SCOOP – 9:30 a.m.
• 12 MWD Delegates – 11:00 a.m.
• 13 Tentative Special Board Meeting – 1:30 p.m.
• 20 Committees begin at 9:00 a.m.
  Formal Board meeting begins at 3:00 p.m.
FORMAL BOARD OF DIRECTORS’ MEETING

The mission of the San Diego County Water Authority is to provide a safe and reliable supply of water to its member agencies serving the San Diego region.

August, 28, 2014

3:00 p.m.

1. Call to Order.

2. Salute to the flag.

3. Roll call, determination of quorum.
   3-A Report on proxies received.

4. Additions to agenda. (Government code Sec. 54954.2(b)).

5. Approve the minutes of the Formal Board of Directors’ meeting of July 24, 2014.

6. Opportunity for members of the public who wish to address the Board on matters within the Board’s jurisdiction.

7. PRESENTATIONS & PUBLIC HEARINGS
   7-A City of Escondido Overview – Christopher McKinney, Director of Utilities.
   7-B Recognition of Kirk Whitaker, Engineer P.E., Employee of the 4th Quarter.
   7-D Retirement of Director. Adopt Resolution No. 2014-__ honoring Vincent Mudd upon his retirement from the Board of Directors.

8. REPORTS BY CHAIRS
   8-A Chairs report: Chair Wornham:
      1. Metropolitan Water District Delegate vacancy.
      2. Nomination of Board officers.

   8-B Report by Committee Chairs
      Water Planning Committee
      Director Tu
      Legislation, Conservation and Outreach Committee
      Director Croucher
      Imported Water Committee
      Director Saxod
      Engineering and Operations Committee
      Director Brady
      Administrative and Finance Committee
      Director Saunders
9. CONSENT CALENDAR

9-1. Annual Water Supply Report for distribution pursuant to Administrative Code Section 8.00.050.
Approve the Annual Water Supply Report for distribution pursuant to Administrative Code 8.00.050.

9-2. Report on potable reuse efforts and direct staff to further assist member agencies with planning, regulatory advocacy and regional outreach for potable reuse projects.
Direct staff to proceed with expanding the assistance provided to member agencies developing potable reuse projects in the Water Authority’s service area in the following key areas: 1) enhanced public outreach and messaging, 2) engaging with regulatory agencies and the State Drinking Water Program’s Expert Panel, 3) assist in planning of projects by securing external funding for local projects; and 4) work with member agencies to develop and implement a regional public outreach plan in support of potable reuse.

Adopt Resolution 2014-__ endorsing Proposition 1, the Water Quality, Supply, and Infrastructure Improvement Act of 2014.

9-4. Notice of Completion for Pipeline 3 Relining Sweetwater to Lower Otay.
Authorize the General Manager to accept the Pipeline 3 Relining Sweetwater to Lower Otay project as complete, record the Notice of Completion, and release funds held in retention to L.H. Woods & Sons, Inc., following the expiration of the retention period.

9-5. Professional services contract with ABM Electrical Power Services, LLC for electrical preventative maintenance, inspection, testing, and repair services for Water Authority facilities.
Authorize the General Manager to execute a two-year professional services contract (with optional third year) to ABM Electrical Power Systems, LLC for an amount not-to-exceed $400,000 for electrical preventative maintenance, inspection, testing and repair services.

9-6. Professional services contract with City of San Diego for Water Quality Testing and Analysis services.
Authorize the General Manager to execute a five-year professional services contract with the City of San Diego for an amount not-to-exceed $250,000 to perform water quality laboratory analysis as required on the aqueduct delivery system.
9- 7. Design-Build contract with NEWest Construction Company, Inc. for the Twin Oaks Valley Water Treatment Plant Expanded Service Area project. Authorize the General Manager to award a design-build contract to NEWest Construction Company, Inc. in the amount of $3,682,000 for the Twin Oaks Valley Water Treatment Plant Expanded Service Area project.

9- 8. San Vicente Pumped Storage Study. Approve the following actions in support of the Water Authority’s petition with the Federal Energy Regulatory Commission. Authorize the General Manager to execute an agreement with the City of San Diego for the implementation of the next necessary steps for the San Vicente Pumped Storage Study including the San Vicente Reservoir modeling and the inlet outlet study. Accept Amendments 1 and 2 for $105,000 and approve Amendment 3 in the amount of $450,000 to provide engineering and environmental studies and support for the San Vicente Pumped Storage Study, increasing the contract amount from $149,920 to $704,920. Authorize the expenditure of $215,000 for the Water Authority’s share of the modeling of San Vicente Reservoir and $135,000 for project administration.


9- 10. Resolution establishing amount due from the city of San Diego for the In-Lieu Charge as a condition of providing water service for fiscal year 2015. Adopt Resolution No. 2014- ____ establishing an amount due of $1,897,901.11 from the city of San Diego for the In-Lieu Charge for fiscal year 2015.


10. ACTION / DISCUSSION

11. CLOSED SESSION(S)

11-A CLOSED SESSION: Conference with Legal Counsel - Existing Litigation Government Code §54956.9(d)(1) – SDCWA v Metropolitan Water District of Southern California; Case Nos. CPF-10-510830; CPF-12-512466; and BC547139
11-B CLOSED SESSION:
Conference with Legal Counsel – Existing Litigation
Government Code §54956.9(d)(1) – Shimmick Construction Co., Inc./Obayashi Corp., joint venture v. San Diego County Water Authority
San Diego Superior Court Case No. 37-2014-00026740-CU-BC-CTL

11-C CLOSED SESSION:
Public Employee Performance Evaluation
Government Code §54957 - Title: General Manager

11-D CLOSED SESSION:
Conference with Labor Negotiators, Government Code §54957.6
Designated Board Representatives: Chair, Vice-Chair, Secretary
Unrepresented Employee: General Manager

11-E CLOSED SESSION:
Public Employee Performance Evaluation
Government Code §54957 - Title: General Counsel

11-F CLOSED SESSION:
Conference with Labor Negotiators, Government Code §54957.6
Designated Board Representatives: Chair, Vice-Chair, Secretary
Unrepresented Employee: General Counsel

12. Action following Closed Session

13. SPECIAL REPORTS
13-A GENERAL MANAGER’S REPORT – Ms. Stapleton
13-B GENERAL COUNSEL’S REPORT – Mr. Hentschke
13-C SANDAG REPORT – Chair Wornham
   SANDAG Subcommittee: Borders/Regional Planning Committee – Director Saxod
13-D AB 1234 Compliance Reports – Directors

14. OTHER COMMUNICATIONS

15. ADJOURNMENT

Kelly L. Walker
Clerk of the Board

NOTE: The agendas for the Formal Board meeting and the meetings of the Standing Committees held on the day of the regular Board meeting are considered a single agenda. All information or possible action items on the agenda of committees or the Board may be deliberated by and become subject to consideration and action by the Board.
MINUTES OF THE FORMAL BOARD OF DIRECTORS’ MEETING  
JULY 24, 2014

ADMINISTRATIVE AND FINANCE COMMITTEE
CALL TO ORDER / ROLL CALL

Chair Saunders called the Administrative and Finance Committee meeting to order at 9:00 a.m. Committee members present was Chair Saunders, Vice Chair Wight, Directors Gallo, Hilliker, Hogan, Lewinger, Razak, Topolovac, Watton, Weston, and Wilson. Committee members absent was Vice Chair Arant, Directors Sanford and Williams. Also present was Directors Barnum, Kern, Linden, Madaffer, Miller, Olson, Saxod, Steiner, Verbeke, and Wornham. At that time, there was a quorum of the Board, and the meeting was conducted as a meeting of the Board; however, only committee members participated in the vote.

Staff present was General Manager Stapleton, General Counsel Hentschke, Deputy General Managers Belock and Kerl, Assistant General Manager Cushman, Director of Finance Harris, Director of Administrative Services Brown.

ADDITIONS TO AGENDA
There were no additions to the agenda.

PUBLIC COMMENT
There was one member of the public who requested to speak. Victor A. Esparza made a suggestion to use old existing gas lines as another source to bring in water into San Diego County and have insurance companies pay for it.

CHAIR’S REPORT
Director Wornham announced that Director Topolovac would be retiring from the Board of Directors. He presented him with a plaque and thanked him for his years of service. Director Topolovac thanked the Board and the Water Authority for the opportunity to serve.

DIRECTORS’ COMMENTS
There were no Directors’ comments.

I. CONSENT CALENDAR

1. Treasurer’s Report.
   Staff recommendation: Note and file the monthly Treasurer’s report.

2. Adopt Resolution setting the time and date for a Public Hearing to consider amendments to the San Diego County Water Authority Local Conflict of Interest Code.
   Staff recommendation: Adopt Resolution No. 2014–___ setting the August regular meeting of the Administrative and Finance Committee as the time and date of a public hearing to consider amendments to the San Diego County Water Authority Local Conflict of Interest Code. (Action)
3. **Adopt Ordinance to make minor, technical amendments relating to the requirements for imposition of the System Capacity and Water Treatment Capacity Charges.**
   
   **Staff recommendation:** Adopt Ordinance No. 2014-___ amending and restating the provisions of Ordinance No. 2013-03 relating to the system capacity and water treatment capacity charges. (Action)

4. **Approve Amendment to Agreement for Special Services with Liebert Cassidy Whitmore.**
   
   **Staff recommendation:** Authorize the General Counsel to execute an amendment to the agreement for special services with Liebert Cassidy Whitmore to increase the contract limit to $220,000. (Action)

Vice Chair Wight moved the motions, Director Weston seconded, and the staff recommendations passed unanimously.

Vice Chair Wight requested that Consent item I-3 return to the Board for further discussion in the near future.

**II. ACTION/DISCUSSION**

1. **Presentation on the Final Performance Report on the 2012-2017 Business Plan.**

   Ms. Stapleton briefed the Board on the 2012-2017 Business Plan by reviewing the business planning process, business plan history, business plan structure and business plan performance. She also reviewed all goals completed, goals on track, goals not on track and goals delayed due to Board decision. Ms. Stapleton concluded with next steps to the business plan for the 2014-2019 timeframe.

   Vice Chair Wight suggested an update to the Strategic Plan and Ms. Stapleton mentioned a possible plan to implement a new Strategic Plan in the March/April 2015 timeframe.

**III. INFORMATION**

1. **Presentation on the Water Authority Dashboard.**

   Ms. Stapleton explained the Water Authority’s Dashboard step-by-step by clicking through the website live. She reviewed the four main components and reviewed each of them, showing the amount of detail available in each section.

   The Board asked several questions, made suggestions, and complimented staff on great work.

   The following information items were noted and filed:

   2. Controller’s report.
   3. Board of Director’s second quarter 2014 expenses and attendance.
   4. Board Calendar.
IV. CLOSED SESSION
There were no closed session items.

V. ADJOURNMENT
There being no further business to come before the Administrative and Finance Committee, Chair Saunders adjourned the meeting at 10:00 a.m.

IMPORTED WATER COMMITTEE
CALL TO ORDER / ROLL CALL
Chair Saxod called the Imported Water Committee meeting to order at 10:12 a.m.
Committee members present were Chair Saxod, Vice Chairs Muir and Williams*, Directors Evans, Hogan, Lewinger, Linden, Olson, Pocklington, Steiner, Watkins, Wilson, and Wornham. Directors Arant, Croucher, and Roberts were absent. Also present were Directors Barnum, Brady, Gallo, Hilliker, Kern, Madaffer, Miller, Razak, Saunders, Simpson, Topolovac, Tu, Verbeke, Watton, Weston, and Wight. At that time, there was a quorum of the Board, and the meeting was conducted as a meeting of the Board; however, only committee members participated in the vote.

Staff present included General Manager Stapleton, General Counsel Hentschke, Deputy General Managers Belock and Kerl, Assistant General Manager Cushman, Director of MWD Program Chen, Colorado River Program Director Denham, Senior Water Resources Specialist Espe, Water Resources Manager Purcell, and others.

* Vice Chair Williams arrived at 10:25 a.m.

ADDITIONS TO AGENDA
There were no additions to the agenda.

PUBLIC COMMENT
There were no public comments.

CHAIR'S REPORT
Chair Saxod reported that elevation in Lake Mead had dropped to the lowest level since its initial filling in the 1930s. Lake levels were expected to continue to decrease through the end of the water year, but remain above shortage trigger elevations. She noted that the record-low surface elevation would not impact Colorado River water users this year. The Bureau of Reclamation expected to meet all water orders in 2014 and was not projecting a shortage condition in 2015.

She announced that the extended public review period for the Bay Delta Conservation Plan (BDCP) and associated environmental documents was drawing to a close on Tuesday, July 29, 2014. She stated that later on the agenda, the committee would hear a report on a supplemental comment letter to the Draft Implementing Agreement.
DIRECTORS’ COMMENTS
There were no comments by Directors.

I. CONSENT CALENDAR
There were no items on the consent calendar.

II. ACTION/DISCUSSION
1. Metropolitan Water District Issues and Activities update.
   1-A Metropolitan Water District Delegates report.

   The delegates reported on the discussion and actions taken at the recent MWD board meetings.

III. INFORMATION
1. Presentation on draft supplemental comment letter on the Bay Delta Conservation Plan Implementing Agreement.

   Mr. Purcell provided a brief presentation on the draft supplemental comment letter on the BDCP Implementing Agreement. He noted that after reviewing the draft Implementing Agreement, and considering prior Board questions and comments, staff prepared a supplemental comment letter, which would be submitted prior to the public review deadline of July 29, 2014.

2. Presentation on State Water Project Contract Extension Negotiations.

   Ms. Espe made a presentation on the State Water Project contract extension negotiations process and discussed the next process steps.

   The following information item was noted and filed:
3. Metropolitan Water District Program report.

Mr. Hentschke took the Committee into closed session at 10:35 a.m.

IV. CLOSED SESSION
1. CLOSED SESSION:
   Conference with Legal Counsel – Existing Litigation
   Government Code §54956.9(d)(1)
   SDCWA v Metropolitan Water District of Southern California; Case Nos. CPF-10-510830; CPF-12-512466; and BC547139

   Mr. Hentschke brought the Committee out of Closed Session at 10:55 a.m. and stated there was no reportable action.

V. ADJOURNMENT
There being no further business to come before the Imported Water Committee, Chair Saxod adjourned the meeting at 10:56 a.m.
WATER PLANNING COMMITTEE
CALL TO ORDER/ROLL CALL

Chair Tu called the Water Planning Committee Meeting to order at 11:05 a.m. Committee members present were Chair Tu, Vice Chairs Linden and Watton, Directors Brady, Kern, Madaffer, Miller, Murtland, Saunders, Simpson, Steiner and Weston. Director Saunders was absent. Also present were Directors Evans, Gallo, Hilliker, Hogan, Lewinger, Muir, Olson, Pocklington, Razak, Saxod, Topolovac, Verbeke, Watkins, Williams, Wight, Wilson and Wornham. At that time, there was a quorum of the Board, and the meeting was conducted as a meeting of the Board; however, only committee members participated in the vote.

Staff present was General Manager Stapleton, General Counsel Hentschke, Deputy General Managers Belock and Kerl, Assistant General Manager Cushman, Water Resources Director Weinberg, Public Outreach and Conservation Director Foster, and Acting Water Resources Manager Friehauf.

PUBLIC COMMENT
There were no requests for public comment received.

CHAIR’S REPORT
Chair Tu emphasized the focus of the committee meeting would be on drought response and the State Regional Water Quality Control Board’s July 15, 2014, order for mandatory water use restrictions.

DIRECTORS’ COMMENTS
There were no comments made by Directors.

I. CONSENT CALENDAR
There were no items for the Consent Calendar.

II. ACTION/DISCUSSION
1. Notify the Water Authority member agencies of a Regional Drought Response Level 2, Drought Alert condition, and declare Stage 2 of the San Diego County Water Authority’s Water Shortage and Drought Response Plan.
   Staff recommendation:
   1. Approve notification to the Water Authority member agencies of a Drought Alert condition, which under the Model Drought ordinance includes mandatory water use restrictions; and
   2. Declare implementation of Supply Enhancement Stage of the San Diego County Water Authority’s Water Shortage and Drought Response Plan.

Mr. Weinberg and Ms. Friehauf reported on the July 15, 2014, State Water Resources Control Board’s unprecedented action of adopting emergency regulations for mandated water use restrictions statewide in response to severe drought conditions. Information on the Water Authority’s model ordinance and Water Shortage Drought Response Plan, as well as the basis for the staff recommendation – as revised from the originally published Board memo – was also
presented along with results of the region’s firmly embedded conservation efforts, which exceeded the state legal requirements of 20% reduction by 2020.

Director Steiner moved, Director Kern seconded, and the motion to approve the revised staff recommendation passed unanimously.

In discussion of the motion, directors’ comments included multiple recommendations to streamline the information and processes for participating in Metropolitan Water District’s and the Water Authority’s turf replacement rebate programs; to create an updated and aggressive expanded public outreach; to combine existing community garden incentives with turf replacement incentives; to research and prepare a range of turf replacement costs that include options beyond artificial turf; to develop and regularly provide water supply outlook scenario planning beyond 2015, as well as potential allocation scenarios that would aid in future decision making; to use 2013 as the comparison baseline year for reporting; to track gallons per capita per day for reporting; and to focus even more on local supply development including water reuse. In addition, staff responded to directors’ questions on production reporting; current and future storage capacity; legislative efforts with respect to homeowners’ associations’ policies on turf replacement; and the potential for future spot transfers.

III. INFORMATION
The following report was received and filed:

IV. CLOSED SESSION
There was no Closed Session.

V. ADJOURNMENT
Chair Tu adjourned the meeting at 12:10 p.m.

ENGINEERING AND OPERATIONS COMMITTEE
CALL TO ORDER / ROLL CALL
Chair Brady called the Engineering and Operations Committee meeting to order at 1:03 p.m. Committee members present were Vice Chairs Miller and Pocklington and Directors Barnum, Morrison*, Murtland, Olson, Razak, Simpson, Tu, Verbeke, Watkins, and Wornham and Representative Roberts. Director Mudd was the only member absent. Also present were Directors, Evans, Gallo, Hilliker, Hogan, Kern, Lewinger, Linden, Madaffer, Muir, Saunders, Saxod, Watton, Weston, Williams, and Wight. At that time, there was a quorum of the Board, and the meeting was conducted as a meeting of the Board; however, only committee members participated in the vote.

Staff present was General Manager Stapleton, General Counsel Hentschke, Deputy General Managers Belock and Kerl, Assistant General Manager Cushman, Director of Operations and Maintenance Eaton, Director of Administrative Services Brown, Director of Engineering Rose, Director of Water Resources Weinberg, Water Resources Manager Yamada, Operations and Maintenance Manager Faber, and Senior Engineer Conner.
ADDITIONS TO AGENDA
There were no additions to the agenda.

Mr. Hentschke took the committee into Closed Session at 1:05 p.m.

I. CLOSED SESSION
1. CLOSED SESSION:
   Security of Water Authority Services or Facilities
   Consultation with: Board Security Taskforce,
   Director of Operations and Maintenance, Director of
   Administrative Services
   Government Code §54957(a)

   Mr. Hentschke brought the committee out of Closed Session at 1:30 p.m. and reported
   that no action was taken in closed session.

   * Director Morrison arrived at the meeting during Closed Session.

DIRECTORS’ COMMENTS
There were no Directors’ comments.

PUBLIC COMMENT
There were no members of the public who wished to speak.

CHAIR’S REPORT
Chair Brady announced that a Special Engineering & Operations Committee meeting
would take place on Thursday, August 14, 2014 at 1:30 p.m. to discuss San Vicente Pumped
Storage, including an update from the Hydropower Task Force. He also announced that the
annual Engineering and Operations Tour was scheduled for Tuesday, September 30, 2014. He
reported that the tour would include the Carlsbad Desalination Project and would conclude with
lunch. He asked the Board Members to reserve the date so they could participate in the event.

II. CONSENT CALENDAR
There were no items on the Consent calendar.

III. ACTION/DISCUSSION
1. Carlsbad Desalination Project.
   1-A Presentation – Carlsbad Desalination Project update.

   Mr. Belock gave a presentation including project elements/schedule, Pipeline 3 relining,
   Twin Oaks Valley Water Treatment Plant modifications and improvements, conveyance pipeline
   progress, Desalination Plant construction progress, and the Encina Power Plant shut down. Mr.
   Yamada continued the presentation including intake upgrade, environmental process/permitting,
   existing plant flow configuration, future plant flow configuration, intake upgrade schedule, and
   State Water Resources Control Board Desalination Ocean Plan amendments. Mr. Belock
concluded with contract administration memoranda, budget summary, and a flyover video of the Desalination Plant.

Director Lewinger requested that a “percentage complete” column be added to the Desalination Project Budget Summary slide for future presentations on the project.

2. **Contracts for the Pipelines 3, 4, and 5 Relining at the San Luis Rey River project.**
   **Staff recommendation:**
   1) Authorize the General Manager to award a construction contract to L.H. Woods & Sons, Inc. in the amount of $9,750,000 for the Pipelines 3, 4, and 5 Relining at the San Luis Rey River project.
   2) Authorize the General Manager to award a professional services contract to Pure Technologies US, Inc., for a total not-to-exceed amount of $385,100 to perform Acoustic Fiber Optic modifications for the Pipelines 4 and 5 Relining at the San Luis Rey River project.

Mr. Conner presented a summary of the Relining of Pipelines 3, 4, and 5 at the San Luis Rey River and associated shutdowns.

Vice-Chair Pocklington moved, Vice-Chair Miller seconded, and the motion to approve the staff recommendation passed unanimously.

**IV. INFORMATION**
There were no Information items.

**V. ADJOURNMENT**
There being no further business to come before the Engineering and Operations Committee, Chair Brady adjourned the meeting at 2:01 p.m.

**LEGISLATION, CONSERVATION AND OUTREACH COMMITTEE CALL TO ORDER/ROLL CALL**
Vice Chair Madaffer called the Legislation, Conservation and Outreach Committee to order at 2:15 p.m. Committee members present were Vice Chair Madaffer, Directors Barnum, Evans, Gallo, Hilliker, Kern, Morrison, Muir, Saxod, Verbeke and Wight. Committee members absent were Chair Croucher, Vice Chair Topolovac and Director Mudd. Other Board members present were Directors Brady, Hogan, Lewinger, Miller, Murtland, Olson, Pocklington, Razak, Roberts, Saunders, Simpson, Steiner, Tu, Watkins, Watton, Weston and Wornham. At that time there was a quorum of the Board, and the meeting was conducted as a meeting of the Board; however, only committee members participated in the vote.

Staff present were General Manager Stapleton, General Counsel Hentschke, Deputy General Managers Belock and Kerl, Assistant General Manager Cushman, Director of Public Outreach and Conservation Foster, Government Relations Manager Farrel and Public Affairs Supervisor Penunuri. Also present were legislative representatives Ken Carpi and Bob Giroux.
ADDITIONS TO AGENDA
There were no additions to the agenda.

PUBLIC COMMENT
There were no members of the public who wished to address the Committee.

CHAIR’S REPORT
Vice Chair Madaffer announced that the Legislature was on summer recess beginning July 3, 2014 and were scheduled to be back in session on August 4, 2014. He announced a partnership with the San Diego Brewers Guild in which staff arranged to get a placement of the Water Authority’s conservation message on the back cover of the new craft beer map and guide.

DIRECTORS’ COMMENTS
There were no comments made by Directors.

I. CONSENT CALENDAR
1. Adopt positions on various state bills.
   Staff recommendation: Adopt a position of Support on SB 1121 (De León).

   Director Muir moved, Director Barnum seconded, to adopt staff recommendation and the motion passed unanimously to adopt a position of Support on SB 1121.

II. ACTION/DISCUSSION
1. Legislative Issues.

   Mr. Carpi provided a Washington update, including an update on current appropriations bills being passed by the House. He reported that the House Transportation Committee approved the Waters of the United States Regulatory Overreach Protection Act, which would prohibit EPA or the Army Corps of Engineers from implementing any regulation which would expand the definition of “the waters of the United States” from its current status.


   Mr. Giroux provided a Sacramento update along with an update on Water Authority sponsored bill AB 2067 (Weber) which streamlined urban management water reporting and stated that bill was currently on the Senate floor awaiting amendments. He also reviewed AB 1874 (Gonzalez) which would simplify IRWM reporting requirements. Mr. Giroux concluded with an update on water bond discussions.

III. INFORMATION
1. Presentation on drought response communications and outreach update.

   Mr. Foster provided an update on drought response communications and outreach efforts and highlighted recent activities of the “When In Drought” campaign. He reported that television
partnerships and online advertisements would continue through September, 2014 and stated that staff was continuing to provide outreach at events, including the opening day at the Del Mar Races which was conducted in partnership with Clear Channel. He announced staff would continue pursuing partnerships such as the one with the San Diego Brewers Guild. The Guild planned to distribute 70,000 copies throughout the County. Mr. Foster also announced partnerships with SDSU and Westfield North County where they would share drought messages on digital signs along Interstate 8 and Interstate 15.

Mr. Foster reported that staff was looking to expand media partnerships and had partnered with Mission Publishing Group, who was running pro-bono advertisements in its papers. He stated that demand had spiked for several conservation programs. He also announced that staff was working on evolving the current campaign to a more serious tone in order to raise awareness of mandatory water use restrictions, and added that staff was already working with member agencies to create a singular destination where people could learn about rules and regulations in effect in their community.

Director Madaffer shared ideas for an expanded public outreach plan and requested staff report back with an updated, more aggressive public outreach plan. Staff would report back at the August 14, 2014 Special Committee meeting.

The committee received and filed the following items:

2. Status report on legislation and legislative positions.

IV. ADJOURNMENT

There being no further business to come before the Legislation, Conservation and Outreach Committee, Vice Chair Madaffer adjourned the meeting at 2:58 p.m.

FORMAL BOARD OF DIRECTORS’ MEETING OF JULY 24, 2014

1. CALL TO ORDER Chair Wornham called the Formal Board of Directors’ meeting to order at 3:05 p.m.

2. SALUTE TO THE FLAG Vice Chair Weston led the salute to the flag.

3. ROLL CALL, DETERMINATION OF QUORUM Secretary Hogan called the roll. Directors present were Barnum, Brady, Evans, Gallo, Hilliker, Hogan, Kern, Lewinger, Madaffer, Miller, Morrison, Muir, Murtland, Olson, Pocklington, Saunders, Saxod, Steiner, Simpson, Tu, Verbeke, Watton, Weston, Wight, Williams, Wornham and Representative Roberts. Directors absent were Arant (p), Croucher, Linden (p), Mudd, Razak, Sanford, Topolovac, Watkins, and Wilson.

3-A Report on proxies received. Director Brady was the proxy for Director Arant, and Director Verbeke was the proxy for Director Linden.
4. **ADDITIONS TO AGENDA**  
There were no additions to the agenda.

5. **APPROVAL OF MINUTES**  
Director Steiner moved, Director Saxod seconded, and the motion carried at 84.48% of the vote to approve the minutes of the Formal Board of Directors’ meeting of June 26, 2014. Director Evans abstained.

6. **OPPORTUNITY FOR MEMBERS OF THE PUBLIC WHO WISH TO ADDRESS THE BOARD ON MATTERS WITHIN THE BOARD’S JURISDICTION**  
There were no members of the public that wished to speak.

7. **PRESENTATIONS AND PUBLIC HEARINGS**  

7-A Rincon Del Diablo Municipal Water District Overview – Greg Thomas, General Manager.

Chair Wornham introduced Mr. Greg Thomas, Rincon Del Diablo Municipal Water District General Manager. Mr. Thomas provided a presentation on Rincon Del Diablo MWD including an overview of the Board of Directors, brief history of the district, service boundaries and demands, customer base, and operated facilities and storage. He also reviewed employee figures, budget and the Districts water portfolio. He concluded his presentation with the issues and challenges facing the district, including staff reductions and succession planning efforts.

7-B **Retirement of Director.** Adopt Resolution No. 2014-__ honoring Bob Topolovac upon his retirement from the Board of Directors.

Director Wight moved, Director Muir seconded and the motion carried at 87.07% of the vote to adopt Resolution No. 2014-18 honoring Bob Topolovac upon his retirement from the Board of Directors.

8. **REPORTS BY CHAIRS**  

8-A **Chairs report:** Chair Wornham reported on the San Vicente Dam dedication on July 16, 2014 and stated that the Dam was raised 117 feet, which added 152,000 acre feet of storage to the reservoir. He announced the speakers at the event included Mayor Kevin Faulconer and Secretary of Water Resources John Laird and that the ceremony was concluded by initiating the filling of the reservoir through the chute and a flyover of vintage World War II planes.

Chair Wornham reported on presenting Water Leadership awards to seven organization who adopted formal resolutions of support during the MWD rate litigation. The organizations included East County EDC, Lakeside Chamber of Commerce, San Diego County Apartment Association, CONNNECT, Downtown San Diego Partnership, San Diego Regional Chamber of Commerce, and San Ysidro Chamber of Commerce.
He announced that on July 22, 2014 the Water Authority in partnership with the San Diego Regional Economic Development Corporation briefed Defense Industry leaders on the MWD rate challenge, the drought, and the Water Authority’s supply diversification strategy. He added that executives from the major military installations in the region were represented at the meeting.

Chair Wornham concluded his report by reminding the Board Members that Officer nomination forms were due on August, 14 2014 and reminded the Board of the retirement reception for Clerk of the Board Lore immediately following the Board Meeting.

8-B Report by Committee Chairs.
Administrative and Finance Committee. Director Saunders reviewed the meeting and the actions taken.
Imported Water Committee. Director Saxod stated there was no reportable action.
Water Planning Committee. Director Tu reviewed the meeting and the actions taken.
Engineering and Operations Committee. Director Brady reviewed the meeting and the action taken.
Legislation, Conservation and Outreach Committee. Director Madaffer reviewed the meeting and the actions taken.

9. CONSENT CALENDAR
Director Lewinger moved, Director Brady seconded, and the motion carried at 87.07% of the vote to approve the consent calendar. Directors voting no or abstaining are listed under the item number.

9- 1. Treasurer’s report.
The Board noted and filed the monthly Treasurer’s report.

9- 2. Adopt Resolution setting the time and date for a Public Hearing to consider amendments to the San Diego County Water Authority Local Conflict of Interest Code.
The Board adopted Resolution No. 2014-17 setting the August regular meeting of the Administrative and Finance Committee as the time and date of a public hearing to consider amendments to the San Diego County Water Authority Local Conflict of Interest Code.

9- 3. Adopt Ordinance to make minor, technical amendments relating to the requirements for imposition of the System Capacity and Water Treatment Capacity Charges.
The Board adopted Ordinance No. 2014-03 amending and restating the provisions of Ordinance No. 2013-03 relating to the system capacity and water treatment capacity charges.
9-4. **Approve Amendment to Agreement for Special Services with Liebert Cassidy Whitmore.**

The Board authorized the General Counsel to execute an amendment to the agreement for special services with Liebert Cassidy Whitmore to increase the contract limit to $220,000.

9-5. **Notify the Water Authority member agencies of its Regional Drought Response.**

The Board approved notification to the Water Authority member agencies of a Drought Alert condition, which under the Model Drought Ordinance includes mandatory water use restrictions. The Board declared implementation of Supply Enhancement Stage of the San Diego County Water Authority’s Water Shortage and Drought Response Plan.

9-6. **Contracts for the Pipelines 3, 4, and 5 Relining at the San Luis Rey River project.**

The Board authorized the General Manager to award a construction contract to L.H. Woods & Sons, Inc. in the amount of $9,750,000 for the Pipelines 3, 4, and 5 Relining at the San Luis Rey River project. The Board authorized the General Manager to award a professional services contract to Pure Technologies US, Inc., for a total not-to-exceed amount of $385,100 to perform Acoustic Fiber Optic modifications for the Pipelines 4 and 5 Relining at the San Luis Rey River project.

9-7. **Adopt positions on various state bills.**

The Board adopted a position of Support on SB1121 (De León).

10. **ACTION/DISCUSSION**

There were no action items.

11. **CLOSED SESSION(S)**

Mr. Hentschke took the Board into Closed Session for items 11-C and 11-D at 3:35 p.m.

11-A **CLOSED SESSION:**

Conference with Legal Counsel - Existing Litigation

Government Code §54956.9(d)(1) – SDCWA v Metropolitan Water District of Southern California; Case Nos. CPF-10-510830; CPF-12-512466; and BC547139

11-B **CLOSED SESSION:**

Security of Water Authority Services or Facilities

Consultation with: Board Security Taskforce, Director of Operations and Maintenance, Director of Administrative Services, Government Code §54957(a)

11-C **CLOSED SESSION:**

Public Employee Performance Evaluation, Government Code §54957

Title: General Manager
11-D  CLOSED SESSION:
Public Employee Performance Evaluation, Government Code §54957
Title: General Counsel

12.  ACTION FOLLOWING CLOSED SESSION – Mr. Hentschke brought the committee out of Closed Session at 4:30 p.m. and reported that no reportable action.

13.  SPECIAL REPORTS
13-A  GENERAL MANAGER’S REPORT – Ms. Stapleton announced that on August 14, 2014 there would be a Special Meetings of the Engineering and Operations Committee at 1:30 p.m., followed by a Special Meeting of the Legislation, Conservation and Outreach Committee.
13-B  GENERAL COUNSEL’S REPORT – No report was given.
13-C  SANDAG REPORT – No report was given.
SANDAG Subcommittee: Borders/Regional Planning Committee – No report was given.
13-D  AB 1234 Compliance Reports – No reports were given.

14.  OTHER COMMUNICATIONS – None.

15.  ADJOURNMENT
The meeting was adjourned at 4:35 p.m.

__________________________________  _______________________________
Thomas V. Wornham, Chair    Michael T. Hogan, Secretary

_______________________________
Kelly L. Walker, Clerk of the Board
DATE: August 20, 2014

TO: Board of Directors

FROM: Daniel S. Hentschke, General Counsel

RE: Credentials of Christy Guerin
Olivenhain Municipal Water District

Transmitted herewith is a copy of Resolution No. 2014-08 submitted by the Olivenhain Municipal Water District appointing Christy Guerin to the Water Authority’s Board of Directors. Her term will expire on August 1, 2020.

The credentials furnished are sufficient for the qualifications of Ms. Guerin as a member of the Water Authority Board.

Daniel S. Hentschke
General Counsel

klw

Attachment
STATE OF CALIFORNIA)  
COUNTY OF SAN DIEGO)  

I, KIMBERLY A. THORNER, Assistant Secretary of the Board of Directors of the Olivenhain Municipal Water District, DO HEREBY CERTIFY THAT the foregoing Resolution was duly adopted by the Board of Directors of said District at a Regular Meeting of said Board of Directors held on the 21st day of May 2014 and that it was so adopted by the following vote:

AYES: Directors Guerin, Sprague, Topolovac, Varty, and Watt

NOES: None

ABSTAIN: None

ABSENT: None

I DO HEREBY CERTIFY THAT the foregoing is a full, true and correct copy of Resolution 2014-08 of said Board of Directors and that same has not been amended or repealed.

DATE: 5/29/14

[Signature]

KIMBERLY A. THORNER  
Assistant Secretary, Board of Directors  
Olivenhain Municipal Water District
RESOLUTION NO. 2014-08

RESOLUTION OF THE BOARD OF DIRECTORS OF THE
OLIVENHAIN MUNICIPAL WATER DISTRICT
DESIGNATING CHRISTY GUERIN AS THE
DISTRICT REPRESENTATIVE ON THE BOARD OF DIRECTORS
OF THE SAN DIEGO COUNTY WATER AUTHORITY

WHEREAS, the Olivenhain Municipal Water District is a member agency of the San Diego County Water Authority and entitled to one representative to serve as a member of the Board of Directors of the San Diego County Water Authority; and

WHEREAS, the Board of Directors of the Olivenhain Municipal Water District adopted Resolution 2011-33 on November 9, 2011 appointing Robert F. Topolovac as the District's representative on the Board of Directors of the San Diego County Water Authority; and

WHEREAS, the term of office of Robert F. Topolovac as representative of Olivenhain Municipal Water District on the Board of Directors of the San Diego County Water Authority expires on August 4, 2014; and

WHEREAS, Robert F. Topolovac has expressed interest in resigning from his position on the Board of Directors of the San Diego County Water Authority on August 1, 2014.

NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE OLIVENHAIN MUNICIPAL WATER DISTRICT DOES HEREBY FIND, DETERMINE, RESOLVE, AND ORDER AS FOLLOWS:

Section 1: The President of the Board, with the approval of the Board of Directors of the Olivenhain Municipal Water District, does hereby appoint Christy Guerin as the District's representative on the Board of Directors of the San Diego County Water Authority for the term beginning August 1, 2014.

Section 2: The Secretary is hereby authorized and directed to provide a certified copy of this Resolution to the San Diego County Water Authority.

PASSED, ADOPTED AND APPROVED at a regular meeting of the Board of Directors on the 21st day of May 2014.

[Signature]
Lawrence A. Watt, President
Board of Directors
Olivenhain Municipal Water District

ATTEST:

[Signature]
Gerald E. Varty, Secretary
Board of Directors
Olivenhain Municipal Water District
RESOLUTION NO. 2014-____

RESOLUTION OF THE BOARD OF DIRECTORS OF THE
SAN DIEGO COUNTY WATER AUTHORITY
HONORING VINCENT MUDD
UPON HIS RETIREMENT FROM THE BOARD OF DIRECTORS

WHEREAS, Vincent Mudd served as a member of the Board of Directors of the San Diego County Water Authority, representing the City of San Diego, from March 23, 2010 to his retirement on August 31, 2014; and

WHEREAS, he served as a member on the Engineering and Operations Committee, and Legislation Conservation and Outreach Committee; and

WHEREAS, he served as a Metropolitan Water District Delegate; and

WHEREAS, he served as Chair on the Small Contractor and Outreach Program (SCOOP); and

WHEREAS, his contributions to the community extend beyond the activities with the San Diego County Water Authority; and

WHEREAS, his service, both public and private, has resulted in benefit to all people of San Diego County.

NOW, THEREFORE, BE IT RESOLVED, that on behalf of its individual members, past and present, its staff, and the people of San Diego County, the Board of Directors offers its most sincere appreciation to Vincent Mudd for his dedicated service to the San Diego region.

PASSED, APPROVED, and ADOPTED this 28th day of August, 2014.

Ayes:

Noes:

Abstain:

Absent:
Thomas V. Wornham,  
Chair

ATTEST:

____________________________________  
Michael T. Hogan,  
Secretary

I, Kelly L. Walker, Clerk of the Board of the San Diego County Water Authority, certify that the vote shown above is correct and this Resolution No. 2014-_______ was duly adopted at the meeting of the Board of Directors on the date stated above.

______________________________  
Kelly L. Walker  
Clerk of the Board
August 20, 2014

Attention: Board of Directors

From: Thomas V. Wornham, Chair

Metropolitan Water District Delegation Vacancy

Vince Mudd is resigning his position on the Water Authority Board effective August 31, 2014. We thank Vince for all of his dedication and efforts both at the Water Authority and at MWD on our behalf.

This resignation creates a vacancy in our Metropolitan Water District delegation. As required by the Administrative Code, I am providing notice of this vacancy to the Board of Directors and asking for recommendations to fill this position.

Please feel free to call or email me with your suggestions. At the September Board meeting, having taken all of the Board’s feedback under consideration, and in consultation with the other Officers, I will be appointing a MWD delegate and requesting the Board’s confirmation of my selection.
MEMORANDUM

DATE: August 20, 2014

TO: Board of Directors

FROM: Kelly Walker, Acting Clerk of the Board

SUBJECT: Nominations for Board Officers

A memorandum was e-mailed to you dated July 1, 2014 regarding the officer nomination process to be followed for the election of new Board Officers at the September 25, 2014 Board meeting. The memo informed you that board members would be able to nominate one nominee per office and that each nomination must be seconded by a director of another member agency.

The written nominations received are as follows:

Chair:
Mark Weston
Nominated by: Seconded by:
Fern Steiner Gary Croucher
Gary Arant Ronald Watkins
DeAna Verbeke Bud Pocklington
Elsa Saxod Brian Brady

Vice Chair:
Mark Muir
Nominated by: Seconded by:
Gary Croucher Jim Madaffer

Doug Wilson (Nominee withdrew his name)
Nominated by: Seconded by:
Gary Arant Ronald Watkins

Michael T. Hogan (Nominee withdrew his name)
Nominated by: Seconded by:
DeAna Verbeke Bud Pocklington
Secretary:
Jim Madaffer
Nominated by: Fern Steiner
Seconded by: Mark Muir

Doug Wilson
Nominated by: DeAna Verbeke
Seconded by: Bud Pocklington

Additional nominations may now be taken from the floor at the August 28, 2014 Board meeting. Nominations will be closed after this date.

If you have any questions please call me at 858-522-6615
August 20, 2014

Attention: Board of Directors

CLOSED SESSION:
Public Employee Performance Evaluation
Government Code §54957 - Title: General Manager

Purpose
This memorandum is to recommend a closed session, pursuant to Government Code §54957 to discuss the above-referenced matter at the August 28, 2014, meeting.

Prepared by: Daniel S. Hentschke, General Counsel
August 20, 2014

Attention: Board of Directors

CLOSED SESSION:
Conference with Labor Negotiators, Government Code §54957.6

Designated Board Representatives: Chair, Vice-Chair, Secretary

Unrepresented Employee: General Manager

Purpose
This memorandum is to recommend a closed session, pursuant to Government Code §54957.6 to discuss the above-referenced matter at the August 28, 2014, meeting.

Prepared by: Daniel S. Hentschke, General Counsel
August 20, 2014

Attention:  Board of Directors

CLOSED SESSION:
Public Employee Performance Evaluation
Government Code §54957 - Title:  General Counsel

Purpose
This memorandum is to recommend a closed session, pursuant to Government Code §54957 to discuss the above-referenced matter at the August 28, 2014, meeting.

Prepared by:  Daniel S. Hentschke, General Counsel
August 20, 2014

Attention: Board of Directors

CLOSED SESSION:
Conference with Labor Negotiators, Government Code §54957.6

Designated Board Representatives: Chair, Vice-Chair, Secretary

Unrepresented Employee: General Counsel

Purpose
This memorandum is to recommend a closed session, pursuant to Government Code §54957.6 to discuss the above-referenced matter at the August 28, 2014, meeting.

Prepared by: Daniel S. Hentschke, General Counsel
August 20, 2014

Attention:  Board of Directors

General Counsel’s Report – July/August 2014

Purpose
This report discusses certain legal matters receiving attention during the months of July/August 2014.

Significant Developments in Pending Litigation

MWD Rate Cases
As reported previously, on April 24, 2014, Judge Karnow of San Francisco Superior Court issued a final Phase I Statement of Decision, which invalidated four MWD rates—the System Access Rate, the System Power Rate, the Water Stewardship Rate, and MWD’s wheeling rate—for calendar years 2011, 2012, 2013 and 2014. The Court held that each of those rates “violates Proposition 26 (2013-14 rates only), the Wheeling statute, Govt. Code §54999.7(a), and the common law.”

The Court held a Case Management Conference on July 2, 2014, to address Phase II of the case, in which the Water Authority’s claims for breach of contract and declaratory relief concerning preferential rights will be decided. On the eve of that CMC, MWD filed two motions, which were briefed and heard on August 6, 2014.

First, Met moved to amend its answer to add two contract defenses, “mistake of law” and “illegality of contract.” MWD wants to argue that the Exchange Agreement should be declared void and be rescinded, based on the idea that the Court’s invalidation of MWD’s rates made the Exchange Agreement an “illegal contract.” MWD also wishes to argue that the Exchange Agreement was based on a “mutual mistake of law,” since - according to MWD - both parties agreed in 2003 that MWD’s rates were lawful. Although the Court appeared skeptical of MWD’s new defenses, which the Court implicitly rejected during summary-judgment briefing last fall, the Court allowed MWD to amend its answer, noting the general rule that amendments should be liberally allowed.

Second, Met moved to re-open expert discovery in order to add new expert testimony about what lawful MWD rates might have been for 2011-2014 (in order to support MWD’s damages theory). The Court denied MWD’s motion, without prejudice to reconsidering it later. The Water Authority had argued in opposition that MWD’s proposed discovery would be superfluous, because the proper measure of damages is set by section 12.4(c) of the Exchange Agreement, which requires Met to set aside the disputed amount and, if the Water Authority prevails, pay the Water Authority that money “forthwith.” The Court determined that, before deciding whether to re-open discovery, the Court would have a “trial” on the issue of whether
12.4(c) dictates the amount of damages to be paid by MWD for breach. This will be a trial on the papers. The parties will file simultaneous opening briefs on September 12, and simultaneous reply briefs on October 3. The issue will be heard by the Court on October 15.

Once the Court decides the section 12.4(c) issues, we expect the Court will set a trial date to hear and decide the breach of contract and preferential rights claims. We anticipate that trial will be set for late 2014 or early 2015. Following the completion of Phase II of the case, the Court will enter a final Judgment, which will start the clock ticking for appeals.

On May 30, 2014, the Water Authority filed a separate lawsuit in Los Angeles County challenging MWD’s 2015 and 2016 rates, which had been set by MWD in April based on the same unlawful cost allocation methodology as Judge Karnow had found invalid. The Water Authority will file a motion seeking to transfer venue for that case to San Francisco and ask the Court to coordinate the proceedings. At the same time, MWD has filed a motion in Los Angeles to stay the 2014 case. While the Water Authority has not yet taken a position on whether the case should be stayed, it believes the Los Angeles court lacks the power to decide that issue due to the applicable mandatory venue transfer provision. These competing motions will be decided by late October.

QSA Litigation
In the federal QSA case, as previously reported, on May 19, the 9th Circuit Court of Appeal affirmed the trial court judgment rejecting federal NEPA and Clean Air Act challenges to the QSA. Subsequently, the federal government, MWD, SDCWA, and CVWD filed a joint motion asking the court to clarify a couple of sentences in the opinion regarding control of water within the State of California. IID filed a separate brief generally supporting the motion. The County of Imperial and Imperial County Air Pollution Control District filed oppositions and also filed petitions for panel rehearing and rehearing en banc. On August 4, 2014, the Court of Appeal issued an order amending the opinion consistent with our joint motion and denying the petition for rehearing. The petition for rehearing en banc was also rejected and no further petitions for rehearing or rehearing en banc will be entertained. The decision is final, subject petition to the United States Supreme Court.

In the state QSA litigation, we have received payment of costs in the sum of $6,026.23 from the Law Offices of Patrick J. Maloney on behalf of the Morgan/Holtz parties pursuant to the trial court’s fee and cost award. Other parties have appealed the fee and cost awards. Briefing in the main appeal continues.

CEQA Litigation
In late April, Coastkeeper filed a lawsuit challenging the Water Authority’s CEQA compliance for the 2013 Master Plan Update and Climate Action Plan. Special counsel, Mark Hattam, continues to work with the attorneys for Coastkeeper to prepare the administrative record. The record should be completed in late August or early September. Once that is done, the parties will seek to agree upon a mutually acceptable briefing and hearing schedule.
Special Counsel Expenditures
Funds approved for payments to special counsel during July/August 2014 from the General Counsel’s Operating Budget totaled $165,128.23 for work related to the Metropolitan rate dispute, San Diego Coastkeeper litigation, and QSA litigation. In addition, $2,550.00 was approved for payment from Colorado River Program’s Operating Budget for work related to QSA implementation and $1,510.50 was approved for payment from Human Resources’ Operating Budget for work related to personnel issues. CIP expenditures during July/August 2014 were $17,632.13 for work related to Traylor-Shea Joint Venture.

Prepared by: Daniel S. Hentschke

Attachment: Special Counsel Expenditure Report
<table>
<thead>
<tr>
<th>Special Counsel</th>
<th>Project</th>
<th>OP Budget Invoices Approved for Payment this Period</th>
<th>CIP Budget Invoices Approved for Payment this Period</th>
<th>Total S Expended FYs 14 &amp; 15 (Fees &amp; Costs)</th>
<th>Budget Allocation FYs 14 &amp; 15 for Legal Services</th>
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* Concluded matters or assignments.

1 These legal costs ($155,000 total) were reimbursed to the Water Authority by City of Los Angeles as part of the settlement in SDCWA v City of LADWP
2 These legal costs ($95,808.26 total) were reimbursed to the Water Authority by Eastern Municipal Water District as part of the settlement in SDCWA v EMWD
3 Not included in totals, these legal expenses related to QSA came out of Colorado River Program budget, not GC budget
4 Not included in totals, these legal expenses related to San Vicente came out of Engineering budget, not GC budget
5 Not included in totals, these legal expenses related to desalination came out of Water Resources budget, not GC budget
6 Not included in totals, these legal expenses related to personnel issues/labor negotiations came out of Human Resources budget, not GC budget
7 Not included in totals, these legal expenses related to bond counsel services came out of Finance budget, not GC budget
8 Not included in totals, these legal expenses related to copyright matters came out of Conservation budget, not GC budget

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<th>Special Counsel</th>
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