

AGENDA  
IRVINE RANCH WATER DISTRICT  
WATER RESOURCES POLICY AND COMMUNICATIONS COMMITTEE  
MONDAY, OCTOBER 5, 2015

CALL TO ORDER    3:30 p.m. Committee Room, Second Floor, District Office  
15600 Sand Canyon Avenue, Irvine, California

ATTENDANCE    Committee Chair: Mary Aileen Matheis    \_\_\_\_\_  
Member: Steve LaMar    \_\_\_\_\_

|                     |               |       |                   |       |
|---------------------|---------------|-------|-------------------|-------|
| <u>ALSO PRESENT</u> | Paul Cook     | _____ | Cheryl Clary      | _____ |
|                     | Beth Beeman   | _____ | Patrick Sheilds   | _____ |
|                     | Mark Tettemer | _____ | Christine Compton | _____ |
|                     | Fiona Sanchez | _____ | Amy McNulty       | _____ |
|                     | Paul Weghorst | _____ | Kellie Welch      | _____ |
|                     | _____         | _____ | _____             | _____ |
|                     | _____         | _____ | _____             | _____ |
|                     | _____         | _____ | _____             | _____ |

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**COMMUNICATIONS**

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1. Notes: Weghorst
2. Public Comments
3. Determine the need to discuss and/or take action on item(s) introduced that came to the attention of the District subsequent to the agenda being posted.
4. Determine which items may be approved without discussion.

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**PRESENTATION**

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5. SANTA ANA RIVER CONSERVATION AND CONJUNCTIVE USE PROGRAM

Greg Woodside, the Executive Director of Planning and Natural Resources at Orange County Water District, will present an overview of the proposed Santa Ana River Conservation and Conjunctive Use Program that includes a 180,000 acre-feet water bank to be developed in the upper watershed which will be shared equally with Western Municipal Water District, Inland Empire Utilities Agency, San Bernardino Valley Municipal Water District and Eastern Municipal Water District.

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## INFORMATION

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6. DROUGHT OUTREACH PROGRAM UPDATE – BEEMAN/WEGHORST

Recommendation: Receive and file.

7. 2015 LEGISLATIVE UPDATE – COMPTON/COOK

Recommendation: Receive and file.

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## ACTION

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8. RESOLUTION OF COMMENDATION FOR LAURENCE LIZOTTE – COOK

Recommendation: That the Board adopt a resolution commending Laurence Lizotte for his years of dedicated service to Moulton Niguel Water District.

9. WATER SUPPLY RELIABILITY STUDY BUDGET INCREASE – SANCHEZ/WEGHORST

Recommendation: That the Board authorize a budget increase to the FY 2015-16 Capital Budget in the amount of \$72,500 for project 11808 (6013).

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## OTHER BUSINESS

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10. A. Directors' Comments

B. Adjourn

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Availability of agenda materials: Agenda exhibits and other writings that are disclosable public records distributed to all or a majority of the members of the above-named Committee in connection with a matter subject to discussion or consideration at an open meeting of the Committee are available for public inspection in the District's office, 15600 Sand Canyon Avenue, Irvine, California ("District Office"). If such writings are distributed to members of the Committee less than 72 hours prior to the meeting, they will be available from the District Secretary of the District Office at the same time as they are distributed to Committee Members, except that if such writings are distributed one hour prior to, or during, the meeting, they will be available at the entrance of the meeting room at the District Office.

The Irvine Ranch Water District Committee Room is wheelchair accessible. If you require any special disability-related accommodations (e.g., access to an amplified sound system, etc.), please contact the District Secretary at (949) 453-5300 during business hours at least seventy-two (72) hours prior to the scheduled meeting. This agenda can be obtained in an alternative format upon written request to the District Secretary at least seventy-two (72) hours prior to the scheduled meeting.

October 5, 2015

Prepared by: B. Beeman

Submitted by: P. Weghorst

Approved by: Paul Cook 

## WATER RESOURCES POLICY AND COMMUNICATIONS COMMITTEE

### DROUGHT OUTREACH PROGRAM UPDATE

#### SUMMARY:

In response to the statewide drought and the Governor's mandate for IRWD to reduce potable water use, staff continues to develop and implement an extensive drought outreach plan that includes conducting focus group sessions and phone surveys. Baseline focus sessions and a baseline phone survey were conducted in the spring 2015 to develop the District's summer outreach and media buy campaign. At the Committee meeting, staff will provide the results of additional IRWD customer focus group sessions that were conducted on September 8, 2015. Information from these sessions will be used along with another phone survey to develop new outreach materials and messaging.

#### BACKGROUND:

On June 4, 2015, staff updated the Committee on the findings of baseline focus group sessions that were conducted in May. These sessions, along with a baseline phone survey, helped staff understand customer perceptions and awareness of the drought, the statewide mandate to reduce the use of potable water supplies and the proposed rate changes. The baseline phone survey was completed by Fairbank, Maslin, Maullin, Metz & Associates (FM3) in June 2015. The phone survey results, along with the results of the baseline focus group sessions, were used to develop the District's summer outreach and media buy campaign using the slogan "Brown is the New Green." This campaign encouraged customers to stop watering their lawns in the summer in preparation for installing drought tolerant landscaping in the fall and winter months.

A post-summer phone survey will be conducted by FM3 in October to measure the effectiveness of the District's summer outreach efforts and to identify what changes can be made to improve effective communications with customers. The results of the survey along with the results of additional focus group sessions that were conducted on September 8, 2015 will be used to assist with the development of new outreach materials and messaging. At the Committee meeting, staff will provide an update on the preliminary results of the September focus group sessions.

#### FISCAL IMPACTS:

None.

#### ENVIRONMENTAL COMPLIANCE:

Not applicable.

RECOMMENDATION:

Receive and file.

LIST OF EXHIBITS:

None.

October 5, 2015  
Prepared and  
Submitted by C. Compton  
Approved by: Paul Cook 

## WATER RESOURCES POLICY AND COMMUNICATIONS COMMITTEE

### 2015 LEGISLATIVE UPDATE

#### SUMMARY:

This report provides an update on the final legislative actions during the first year of the 2015-16 legislative session and IRWD priorities. As legislation develops, staff will provide updates and recommendations to the Water Resources Policy and Communications Committee and the Board, as appropriate. Staff recommends that the Board receive and file the update.

#### BACKGROUND:

September 11, 2015, was the last day of the 2015 legislative session and the last day for the Legislature to act on regular session bills before the Interim Recess. The Governor has until October 11 to sign or veto legislation passed by the Legislature during the first year of the 2015-16 legislative session. The State Legislature will reconvene from the Interim Recess on January 4, 2016, unless a special session is called. Legislators will have until the end of January to act upon two-year bills from 2015.

A copy of the 2015 State Legislative Matrix is attached as Exhibit "A".

#### State Budget Update:

##### *August Revenue Numbers:*

On September 10, 2015, State Controller Betty Yee released her monthly report on the State's finances. She announced that the State took in \$637.8 million more than projections in the Fiscal Year 2015-16 adopted budget during the month of August. The report summarizes the month's revenues as:

"For more than a year, personal income tax drove state revenues to surpass expectations. In August, by contrast, retail sales and use tax took the lead, exceeding estimates by \$127.2 million, or 4.3 percent. Personal income tax continued to show strength, beating projections by \$39.7 million, or 1.0 percent. The last of the state's "big three" revenue sources—the corporation tax—also came in higher than anticipated by \$35.7 million, or 28.9 percent.

After July revenue came in close to expectations, the strong August numbers pushed overall receipts for the 2015-16 fiscal year to \$674.7 million, or 5.0 percent, above projections. For the fiscal year to date, all three major sources of revenue are surpassing expectations."

IRWD 2015 Legislative Priorities:

*Clarification on Tiered Water Rates:*

Since staff's April 27 presentation to the Board on the *Capistrano Taxpayers Association, Inc. v. City of San Juan Capistrano* and the Board's discussion regarding the need for legislative clarification on tiered water rates, staff has been working with the District's industry and association partners on seeking clarification. The California League of Cities, the California Association of Counties and the Association of California Water Agencies have continued work to develop a constitutional amendment to address tiered water rate structures, stormwater funding, and voluntary low income rate subsidization. Discussions regarding the proposed constitutional amendment are ongoing. Staff will provide the Committee with an oral update on those conversations.

*AB 786 (Levine, D- San Rafael) — Common Interest Developments:*

AB 786 seeks to clarify that a homeowners association shall not impose a fine or assessment against an owner of a separate interest for reducing or eliminating the watering of vegetation or lawns during any period for which a drought emergency has been declared. The one exception to this prohibition is where the separate interest prior to the imposition of a fine or assessment receives recycled water from a retail water supplier and fails to use that recycled water for landscaping irrigation. IRWD supported AB 786. The bill, which contains an urgency measure, is currently on the Governor's desk waiting action. Staff will provide an oral update on any new developments.

Updates on 2015 State Legislation of Interest to IRWD:

As has been traditionally done in October after the legislative session has recessed, staff has provided an update on each bill upon which the District has taken a position during this legislation session. A summary and a status report on each bill is provided below:

*AB 149 (Chávez, R-Oceanside) — Urban Water Management Plans:*

The Urban Water Management Planning Act requires that urban water supplies prepare and adopt an urban water management plan, and update that plan every five years in years ending in 5 and 0. AB 149, as introduced, would have adjusted these timeframes to require that an urban water supplier update its plan in years ending in 6 and 1. AB 149 has been sponsored by the San Diego County Water Authority in order to change the Urban Water Management Plan update and submittal dates so that they better match the timing of the decennial U.S. Census, which is conducted in years ending in 0. As amended, the bill changed the reporting deadline for only 2015 from December 31, 2015, to July 1, 2016. AB 149 was signed by the Governor and chaptered in July. IRWD took a "SUPPORT" position on AB 149.

*AB 585 (Melendez, D-Murrieta) — Outdoor Water Efficiency Act of 2015:*

AB 585, as amended on July 15, 2015, would create a personal income tax credit equal to 25 percent up to \$2,500 of the amount paid or incurred by a qualified taxpayer for water-efficiency

improvements on real property to outdoor landscapes between 2016 through 2021. The bill remained on the Assembly Appropriations Suspense File at the end of session. IRWD took a “SUPPORT” position on AB 585.

*AB 603 (Salas, D-Bakersfield) — Income Taxes: Turf Removal Tax Credit:*

AB 603, as introduced, would have created a personal income tax credit for taxpayers participating in lawn replacement programs in an amount equal to \$2.00 per square foot of conventional lawn removed from the taxpayer’s property. As amended on May 21, 2015, the bill would create a personal income tax credit for taxpayers participating in lawn replacement programs in an amount equal to 25 percent of the costs incurred by the taxpayers to replace their lawns, not to exceed \$1,500. IRWD took a “SUPPORT” position on AB 603 because it would provide an even greater incentive to IRWD’s customers to replace their lawns. AB 603 remained on the Assembly Appropriations Suspense File at the end of session.

*AB 606 (Levine, D-San Rafael) — Water Conservation:*

AB 606, as introduced by Assembly Water, Parks and Wildlife Committee Chairman Marc Levine, would require the Department of General Services to identify each public property added to the State’s property inventory after January 1, 2016, where it is feasible for water consumption to be reduced and water efficiencies to be achieved through the replacement of landscaping with drought tolerant plants, the replacement of irrigation timers to permit efficient watering schedules and the replacement of spray sprinkler heads with bubblers, drip irrigation and soaker hoses. As amended, the bill would require state agencies when they build upon state-owned property, purchase real property, or replace landscaping or irrigation on property to reduce water consumption and increase water efficiency where feasible through the actions discussed above or through the implementation of recycled water irrigation.

IRWD took a “SUPPORT AND SEEK AMENDMENTS” position on AB 606 authorizing staff to advocate for amendments to AB 606, which would direct State properties to use recycled water in order to meet outdoor landscape water needs where feasible. These amendments were incorporated into the bill as noted above. AB 606 is currently on the Governor’s desk waiting action. Staff will provide an oral update on any new developments.

*AB 1201 (Sala, D- Bakersfield) — Fish and Wildlife: Sacramento-San Joaquin Delta: Predation by Nonnative Species:*

AB 1201 would require the California Department of Fish and Wildlife (DFW) to develop a science-based plan to address predation by nonnative species within the Sacramento- San Joaquin Delta. As amended, the bill would require DFW to develop this plan by June 30, 2016. Predation is one of the stressors that has had a negative impact on the health of the Delta’s ecosystem. It is appropriate for California to address predation within the Delta through a science-based approach. Such an approach is consistent with the co-equals of improved water supply reliability and protecting and enhancing the Delta ecosystem. As a result, IRWD took a “SUPPORT” position on AB 1201. AB 1201 remained on the Senate Appropriations Suspense File at the end of session.

*SB 143 (Stone, R-Indio) — Diamond Valley Reservoir: Recreational Use:*

Existing law, with certain exceptions, prohibits bodily contact with water in a domestic water reservoir. SB 143, as introduced, would exempt the Diamond Valley Reservoir from these prohibitions. Diamond Valley Reservoir is Southern California's largest drinking water storage reservoir, and holds six months of emergency storage for the region in the case of an earthquake or other catastrophic disruption. IRWD took an "OPPOSE" position on SB 143 given that the permitting of bodily contact with Diamond Valley Reservoir could result in the degradation of water quality within an important reservoir for the Southern California region and could result in increased treatment costs that would eventually be borne by ratepayers. At the end of session, SB 143 remained in the Senate Environmental Quality Committee at the author's request and remains a two-year bill.

*SB 551 (Wolk, D-Vacaville) — State Water Policy: Water and Energy Efficiency:*

SB 551 would establish as a policy of the State that "water use and water treatment shall be as energy efficient as is feasible and energy use and generation shall be as water efficient as is feasible." The bill would also require State agencies to consider this policy when "revising, adopting, or establishing policies, regulations, and grant criteria when those policies, regulations, and criteria are pertinent to the uses of water and energy." Additionally, the bill provides that the implementation of these provisions "shall not infringe on the rights or responsibilities of any public water system or public utility."

IRWD took a "SEEK AMENDMENTS" position on the bill and the Board authorized staff to work with the author's office, legislative staff and industry stakeholders to ensure that SB 551 is beneficial for the District. Specially, the District sought amendments that recognize the number of factors that influence water supply and water treatment decisions (including energy use) and has sought the addition of a definition of the term "feasible" that recognizes that these factors should be considered when determining feasibility. Staff engaged with the author's office to obtain amendments along these lines. SB 551 was held on the Assembly Appropriations Suspense File at the end of session.

*SB 555 (Wolk, D-Vacaville) — Urban Retail Water Suppliers: Water Loss Management:*

SB 555, authored by Senator Lois Wolk (D-Vacaville), would require each urban water supplier to conduct a validated water loss audit annually using the American Water Works Association Manual M36's method of evaluation. The validation process would require an urban water supplier to use a technical expert to confirm the basis of all data entered into the audit report and to appropriately characterize the quality of the reported data. The audits are to be submitted to the Department of Water Resources (DWR), and DWR is required to post them on its website in a manner that allows for a comparison of water supplier losses. In addition, the bill directs the State Water Resources Control Board to adopt rules requiring urban water suppliers to meet performance standards for the volume of water losses. IRWD took a "SUPPORT" position on SB 555 because Senator Wolk took amendments to make the bill more workable for water agencies. The bill is currently on the Governor's desk waiting action. Staff will provide an oral update on any new developments.

*Proposals on Groundwater Adjudications:*

After the adoption of sustainable groundwater management legislation last year, the Administration and the Legislature indicated their interest in pursuing legislation related to groundwater adjudications this year. As reported previously, there were two legislative proposals related to groundwater adjudications before the Legislature — AB 1390 (Alejo, D-Salinas) and SB 226 (Pavley, D-Calabasas). In mid-August, AB 1390 and SB 226 were amended to reflect the Administration's proposal, which was released in July.

As previously described to the Board, staff reviewed the Administration's proposal and engaged with stakeholders and decision makers regarding the proposals to protect IRWD's interests related to groundwater adjudications and to advocate for changes consistent with the District's Groundwater Management Policy Principles. IRWD proposed several clarifying amendments, which were largely inserted in AB 1390 and SB 226.

AB 1390 and SB 226 are currently on the Governor's desk waiting action. Staff will provide an oral update on any new developments.

FISCAL IMPACTS:

Not applicable.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

RECOMMENDATION:

Receive and file.

LIST OF EXHIBITS:

Exhibit "A" – 2015 IRWD Legislative Matrix

**EXHIBIT "A"**  
**IRWD 2015 LEGISLATIVE MATRIX**  
**Updated 09/29/2015**

| <b>Bill No.<br/>Author</b>         | <b>Title</b>                                         | <b>IRWD<br/>Position</b> | <b>Summary/Effects</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Status</b>                                                                                                                                        |
|------------------------------------|------------------------------------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b><u>AB 1</u></b><br>Brown (D)    | Drought: Local Governments: Fines                    |                          | Prohibits a city, county, or city and county from imposing a fine under any ordinance for a failure to water a lawn or having a brown lawn during a period for which the Governor has issued a proclamation of a state of emergency based on drought conditions.                                                                                                                                                                                                                                                 | 07/13/2015 - Chaptered by Secretary of State. Chapter No. 62                                                                                         |
| <b><u>AB 2</u></b><br>Alejo (D)    | Community Revitalization Authority                   |                          | Authorizes certain local agencies to form a community revitalization authority with a community revitalization and investment area to carry out provisions of the Community Redevelopment Law in that area for infrastructure, affordable housing, and economic revitalization and provides for the issuance of bonds serviced by tax increment revenues. Requires the authority to adopt a community revitalization and investment plan. Requires the use of certain funds for low and moderate income housing. | 09/22/2015 - Signed by GOVERNOR.;09/22/2015 - Chaptered by Secretary of State. Chapter No. 319                                                       |
| <b><u>AB 10</u></b><br>Gatto (D)   | Political Reform Act of 1974: Economic Disclosures   |                          | Amends the Political Reform Act of 1974. Increases the thresholds at which a public official has a disqualifying financial interest in sources of income in investments in business entities and in interests in real property. Revises the dollar amounts associated with the value ranges for reporting the value of economic interests. Requires certain public officials to disclose information relating to governmental decisions for which the public official had a disqualifying financial interest.    | 09/18/2015 - *****To GOVERNOR.                                                                                                                       |
| <b><u>AB 12</u></b><br>Cooley (D)  | State Government: Administrative Regulations: Review |                          | Requires each state agency after a noticed public hearing, to review the agency's regulations, identify any regulations that are duplicative, overlapping, inconsistent, or out of date, to revise those identified regulations, and report to the Legislature and Governor.                                                                                                                                                                                                                                     | 08/27/2015 - In SENATE Committee on APPROPRIATIONS: Held in committee.                                                                               |
| <b><u>AB 14</u></b><br>Waldron (R) | Unmanned Aircraft Systems: Task Force                |                          | Creates the Unmanned Aircraft Systems Task Force to research, develop, and formulate a comprehensive policy for unmanned aircraft systems. Requires the task force to submit a policy draft and suggested legislation pertaining to unmanned aircraft systems.                                                                                                                                                                                                                                                   | 04/13/2015 - In ASSEMBLY Committee on TRANSPORTATION: Failed passage.;04/13/2015 - In ASSEMBLY Committee on TRANSPORTATION: Reconsideration granted. |
| <b><u>AB 21</u></b><br>Perea (D)   | Global Warming Solutions Act of 2006: Scoping Plan   |                          | Requires the State Air Resources Board in preparing its scoping plan for achieving the maximum technologically feasible and cost-                                                                                                                                                                                                                                                                                                                                                                                | 09/18/2015 - In SENATE. Ordered to Inactive File due to inaction prior to Fall                                                                       |

**IRWD 2015 LEGISLATIVE MATRIX**  
**Updated 09/29/2015**

| <b>Bill No.<br/>Author</b>           | <b>Title</b>                                     | <b>IRWD<br/>Position</b> | <b>Summary/Effects</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Status</b>                                                                                                                                              |
|--------------------------------------|--------------------------------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                      |                                                  |                          | effective reductions in greenhouse gas reduction, to consult with specified State agencies regarding matters involving energy efficiency and the facilitation of the electrification of the transportation sector.                                                                                                                                                                                                                                                                                                           | Recess.                                                                                                                                                    |
| <b><u>AB 23</u></b><br>Patterson (R) | Global Warming Solutions Act of 2006: Compliance |                          | Exempts categories of persons or entities that did not have a compliance obligation under a market-based compliance mechanism from being subject to that market-based compliance mechanism.                                                                                                                                                                                                                                                                                                                                  | 03/23/2015 - In ASSEMBLY Committee on NATURAL RESOURCES: Failed passage.;03/23/2015 - In ASSEMBLY Committee on NATURAL RESOURCES: Reconsideration granted. |
| <b><u>AB 33</u></b><br>Quirk (D)     | Electrical Corporations: Procurement Plans       |                          | Requires the Public Utilities Commission to determine what role large scale energy storage could play as part of the state's overall strategy for procuring a diverse portfolio of resources and to consider specified factors in making that determination.                                                                                                                                                                                                                                                                 | 09/08/2015 - In SENATE. Read second time. To third reading.;09/08/2015 - Re-referred to SENATE Committee on RULES.                                         |
| <b><u>AB 45</u></b><br>Mullin (D)    | Household Hazardous Waste                        |                          | Requires each jurisdiction providing for the residential collection and disposal of solid waste to increase the collection and diversion of household hazardous waste in its service area over the baseline. Provides the increase is to be determined in accordance with Department of Resources Recycling and Recovery regulations. Authorizes the adoption of a model ordinance for a comprehensive program for the collection of waste. Requires an annual report to the Department on progress in achieving compliance. | 05/20/2015 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspense File.                                                                                    |
| <b><u>AB 56</u></b><br>Quirk (D)     | Unmanned Aircraft Systems                        |                          | Prohibits law enforcement agencies from using unmanned aircraft systems, obtaining an unmanned aircraft system from another public agency by contract, loan, or other arrangement, or using information obtained from an unmanned aircraft system used by another public agency, except as provided. Provides for the protection of data gathered through the use of such systems. Prohibits a person from arming such a system with a weapon. Provides for civil actions.                                                   | 09/08/2015 - In SENATE. Read second time. To third reading.;09/08/2015 - In SENATE. From third reading. To Inactive File.                                  |
| <b><u>AB 78</u></b><br>Mathis (R)    | Groundwater Basins                               |                          | Makes technical nonsubstantive changes to existing law that requires the Department of Water Resources to categorize each basin or subbasin as high-, medium-, low-, or very low priority and to establish ground water the initial priority for each basin.                                                                                                                                                                                                                                                                 | 01/05/2015 - INTRODUCED.                                                                                                                                   |

**IRWD 2015 LEGISLATIVE MATRIX**  
**Updated 09/29/2015**

| <b>Bill No.<br/>Author</b>         | <b>Title</b>                                                  | <b>IRWD<br/>Position</b> | <b>Summary/Effects</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Status</b>                                                                                       |
|------------------------------------|---------------------------------------------------------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| <b><u>AB 88</u></b><br>Gomez (D)   | Sales and Use Taxes:<br>Exemption: Home<br>Appliances         |                          | Exempts from the sales and use tax laws the gross receipts from the sale of, and the storage, use, or other consumption in the State of, an energy or water efficient home appliance purchased by a public utility that is provided at no cost to a low-income participant in a federal, state, or ratepayer-funded energy or water efficiency program for use by that low-income participant in the energy efficiency program.                                                                                      | 09/14/2015 - *****To GOVERNOR.                                                                      |
| <b><u>AB 149</u></b><br>Chavez (R) | Urban Water Management<br>Plans                               | Support                  | Requires each urban water supplier to update and submit a urban water management plan for a specified year to the State Department of Water Resources by a specified date. Requires the Department to submit its urban water management plan report for that same specified year to the Legislature by a specified date.                                                                                                                                                                                             | 07/06/2015 - Signed by<br>GOVERNOR.;07/06/2015 - Chaptered<br>by Secretary of State. Chapter No. 49 |
| <b><u>AB 156</u></b><br>Perea (D)  | Global Warming Solutions<br>Act: Disadvantaged<br>Communities |                          | Requires the State Air Resources Board, pursuant to the Global Warming Solutions Act of 2006, to post on its Internet Web site a specified report on the projects funded to benefit disadvantaged communities. Requires the Board to establish and accomplish a comprehensive technical assistance program, upon appropriation from the Greenhouse Gas Reduction Fund, for eligible applicants assisting defined eligible communities. Requires an allocation to the Board for the program.                          | 08/27/2015 - In SENATE Committee on<br>APPROPRIATIONS: Held in<br>committee.                        |
| <b><u>AB 219</u></b><br>Daly (D)   | Public Works: Concrete<br>Delivery                            |                          | Expands the definition of public works for purposes of requirements regarding the payment of prevailing wages for public works projects to include the hauling and delivery of ready-mixed contract to carry out a public works contract, with respect to contracts involving any State agency or any political subdivision of the State. Requires the applicable prevailing wage rate to be the rate for the geographic area in which the concrete factory or batching plant is located. Relates to subcontracting. | 09/16/2015 - *****To GOVERNOR.                                                                      |
| <b><u>AB 243</u></b><br>Wood (D)   | Medical Marijuana                                             |                          | Requires specified State agencies to promulgate regulations or standards relating to medical marijuana and its cultivation. Requires various State agencies to take specified actions to mitigate the impact that marijuana cultivation has on the environment. Requires charging each licensee a licensure and renewal fee. Provides a fund for such fees.                                                                                                                                                          | 09/23/2015 - *****To GOVERNOR.                                                                      |

**IRWD 2015 LEGISLATIVE MATRIX**  
**Updated 09/29/2015**

| <b>Bill No.<br/>Author</b>            | <b>Title</b>                                        | <b>IRWD<br/>Position</b> | <b>Summary/Effects</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Status</b>                                                                                                                                                                                  |
|---------------------------------------|-----------------------------------------------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b><u>AB 259</u></b><br>Dababneh (D)  | Personal Information Privacy                        |                          | Requires an agency, if the agency was the source of the breach and the breach compromised a person's social security number, driver's license number, or California identification card number, to offer to provide the person with identity theft prevention and mitigation services at no cost for not less than 12 months.                                                                                                                                                                                                   | 08/27/2015 - In SENATE Committee on APPROPRIATIONS: Held in committee.                                                                                                                         |
| <b><u>AB 291</u></b><br>Medina (D)    | Environmental Quality Act:<br>Local Agencies: Water |                          | Authorizes a local agency, for certain water projects, to file a specified notice with the county clerk of the county in which the local agency's principal office is located, along with any required payment to the Department of Fish and Wildlife, and with the Office of Planning and Research and to transmit a copy of the notice to the county clerk of the counties in which the project is located. Requires the notice and the copies of the notice to be available to for public inspection. Relates to challenges. | 06/10/2015 - From SENATE Committee on ENVIRONMENTAL QUALITY with author's amendments.;06/10/2015 - In SENATE. Read second time and amended. Re-referred to Committee on ENVIRONMENTAL QUALITY. |
| <b><u>AB 307</u></b><br>Mathis (R)    | Graywater: Groundwater Recharge                     |                          | States the intent of the Legislature to enact legislation to explicitly permit the usage of residential, commercial, and industrial graywater for the recharge of a groundwater basin or aquifer.                                                                                                                                                                                                                                                                                                                               | 02/12/2015 - INTRODUCED.                                                                                                                                                                       |
| <b><u>AB 308</u></b><br>Mathis (R)    | Graywater: Agricultural Use                         |                          | States the intent of the Legislature to enact legislation to explicitly permit incorporated and unincorporated communities to sell graywater for agricultural purposes and agriculture to use graywater for agricultural purposes.                                                                                                                                                                                                                                                                                              | 02/12/2015 - INTRODUCED.                                                                                                                                                                       |
| <b><u>AB 311</u></b><br>Gallagher (R) | Environmental Quality:<br>Water Quality and Supply  |                          | Requires the public agency, in certifying the environmental impact report and in granting approvals for specified water storage projects funded, in whole or in part, by Proposition 1, to comply with specified procedures. Requires the Judicial Council to adopt a rule of court to establish procedures applicable to actions or proceedings seeking judicial review of an agency's action in certifying the environmental impact report and in granting project approval. Relates to court staying of the projects.        | 04/29/2015 - From ASSEMBLY Committee on NATURAL RESOURCES without further action pursuant to JR 62(a).                                                                                         |
| <b><u>AB 327</u></b><br>Gordon (D)    | Public Works: Volunteers                            |                          | Extends the provisions of existing law that provides governing public works does not apply to specified work performed by a volunteer, a volunteer coordinator, or a member of the California Conservation corps or a community conservation corps.                                                                                                                                                                                                                                                                             | 07/06/2015 - Signed by GOVERNOR.;07/06/2015 - Chaptered by Secretary of State. Chapter No. 53                                                                                                  |
| <b><u>AB 335</u></b><br>Patterson (R) | Air Quality: Minor Violations                       |                          | Requires the State Air Resources Board and air pollution control and air quality management districts to adopt regulations classifying                                                                                                                                                                                                                                                                                                                                                                                          | 05/19/2015 - From ASSEMBLY Committee on NATURAL                                                                                                                                                |

**IRWD 2015 LEGISLATIVE MATRIX**  
**Updated 09/29/2015**

| Bill No.<br>Author                    | Title                                      | IRWD<br>Position | Summary/Effects                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Status                                                                                                             |
|---------------------------------------|--------------------------------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
|                                       |                                            |                  | minor violations. Requires a representative of those agencies to issue a notice to comply. Requires the State Air Resources Board to report to the Legislature regarding implementation of these provisions. Exempts such districts from these provisions if the districts have a similar program in effect as of a specified date.                                                                                                                                                                                       | RESOURCES without further action pursuant to JR 62(a).                                                             |
| <b><u>AB 341</u></b><br>Achadjian (R) | Financial Affairs: Reports                 |                  | Amends existing law requiring the officer of each local agency, who has charge of the financial records of the local agency, to furnish to the Controller a report of all such transactions of the local agency during the preceding fiscal year. Requires the report to contain underlying data from audited financial statements, if this data is available, and extends time to furnish the report. Provides a due date for reporting of the annual compensation for a local agency's elected officials and employees. | 07/02/2015 - Signed by GOVERNOR.;07/02/2015 - Chaptered by Secretary of State. Chapter No. 37                      |
| <b><u>AB 349</u></b><br>Gonzalez (D)  | Common Interest Developments: Property Use |                  | Amends the Davis-Stirling Common Interest Development Act. Makes void and unenforceable any provision of governing documents, architectural or landscaping guidelines or policies that prohibit the use of artificial turf or any other synthetic surface that resembles grass. Prohibits a requirement that an owner of a separate interest remove or reverse water-efficient landscaping measures, installed in response to a declaration of a state of emergency, upon the conclusion of the state of emergency.       | 09/04/2015 - Signed by GOVERNOR.;09/04/2015 - Chaptered by Secretary of State. Chapter No. 266                     |
| <b><u>AB 356</u></b><br>Williams (D)  | Oil and Gas: Groundwater Monitoring        |                  | Authorizes the State Oil and Gas Supervisor to require a well operator to implement a monitoring program for below ground oil production tanks and facilities, and disposal and injection wells. Requires the annual review of underground injection or disposal projects that use Class II wells. Requires the submission of a related groundwater monitoring plan. Requires submission of certain data for the State's geotracker database. Provides procedures for an aquifer exemption. Relates to plan modification. | 06/11/2015 - In ASSEMBLY. Reconsideration granted.;06/11/2015 - In ASSEMBLY. From third reading. To Inactive File. |
| <b><u>AB 401</u></b><br>Dodd (D)      | Low-Income Water Rate Assistance Program   |                  | Requires the State Water Resources Control Board to develop a plan for the funding and implementation of the Low-Income Water Rate Assistance Program. Permits the Board to consider existing rate assistance programs. Authorizes the plan to include recommendations for other cost-effective methods of offering                                                                                                                                                                                                       | 09/17/2015 - *****To GOVERNOR.                                                                                     |

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|                                      |                                                        |                          | assistance to such customers. Requires the Board to report to the Legislature on the findings regarding the feasibility, financial stability and desired structure of the program.                                                                                                                                                                                                                                                                                                                           |                                                                             |
| <b><u>AB 402</u></b><br>Dodd (D)     | Local Agency Services:<br>Contracts                    |                          | Revises the circumstances under which a local agency formation commission may authorize a city or district to provide new or extended services. Establishes a pilot program for the Napa, and San Bernardino commissions that would the commissions to authority a city or district to provide new or extended services outside both its jurisdictional boundaries and its sphere of influence under specified circumstances.                                                                                | 09/16/2015 - *****To GOVERNOR.                                              |
| <b><u>AB 434</u></b><br>Garcia E (D) | Drinking Water: Point-of-Entry: Point-of-Use Treatment |                          | Requires the State Water Resources Control Board to adopt regulations governing the use of point-of-entry and point-of-use treatment by a public water system in lieu of centralized treatment where it can be demonstrated that centralized treatment is not immediately economically feasible. Provides limitations. Prohibits the use of point-of-entry treatment absent a Board determination of no community opposition. Requires adoption of related emergency regulations.                            | 09/10/2015 - *****To GOVERNOR.                                              |
| <b><u>AB 452</u></b><br>Bigelow (R)  | Water Rights Fund:<br>Groundwater Regulation           |                          | Amends existing law that establishes groundwater reporting requirements for a person extracting groundwater in an area within a basin that is not within the management area of a groundwater sustainability agency or that is a probationary basin. Prohibits water rights fees from being available for expenditure by the Water Resources Control Board for the purposes of Board enforcement of the provisions of the Sustainable Groundwater Management Act and the groundwater reporting requirements. | 04/28/2015 - In ASSEMBLY Committee on WATER, PARKS AND WILDLIFE: Not heard. |
| <b><u>AB 453</u></b><br>Bigelow (R)  | Groundwater Management                                 |                          | Authorizes, until a groundwater sustainability plan is adopted, a local agency that has adopted a groundwater management plan to impose fees on the extraction of groundwater from a groundwater basin to fund costs of groundwater management and to collect groundwater extraction information, as long as a groundwater management plan adopted before a specified date, is in effect.                                                                                                                    | 09/08/2015 - In SENATE. Read second time. To third reading.                 |
| <b><u>AB 454</u></b><br>Bigelow (R)  | Sustainable Groundwater Management                     |                          | Relates to groundwater basins. Requires a high- or medium-priority basin that is not subject to critical conditions of overdraft to be                                                                                                                                                                                                                                                                                                                                                                       | 04/14/2015 - From ASSEMBLY Committee on WATER, PARKS AND                    |

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|                                     |                                           |                          | managed under a groundwater sustainability plan or coordinated groundwater sustainability plan. Provides for the designation of basins as probationary basins.                                                                                                                                                                                                                                                                                                                                                                  | WILDLIFE: Do pass to Committee on APPROPRIATIONS.                             |
| <b><u>AB 455</u></b><br>Bigelow (R) | Groundwater Sustainability Plans          |                          | Amends the California Environmental Quality Act. Requires the Judicial Council to adopt a rule of court to establish procedures applicable to actions or proceedings brought to attack, review, set aside, void, or annul the certification of an environmental impact report for certain projects covered by a groundwater sustainability plan. Prohibits the court from staying or enjoining the construction or operation of the project unless the court makes a certain finding.                                           | 04/14/2015 - In ASSEMBLY Committee on WATER, PARKS AND WILDLIFE: Not heard.   |
| <b><u>AB 472</u></b><br>Harper (R)  | Public Works: Prevailing Wage: Volunteers |                          | Makes a nonsubstantive, technical change by deleting an obsolete provision in existing law that generally requires the payment of not less than the prevailing rate of per diem wages for work of a similar character in the locality in which the public work is performed by workers employed on public works projects, except work performed by a volunteer, a volunteer coordinator, or member of the State Conservation Corps, or a community conservation corps.                                                          | 02/23/2015 - INTRODUCED.                                                      |
| <b><u>AB 478</u></b><br>Harper (R)  | Desalination                              |                          | Makes a nonsubstantive change to the Cobey-Porter Saline Water Conversion Law that states the policy of this state that desalination projects developed by or for public water entities be given the same opportunities for state assistance and funding as other water supply and reliability projects, and that desalination be consistent with all applicable environmental protection policies in the state.                                                                                                                | 02/23/2015 - INTRODUCED.                                                      |
| <b><u>AB 501</u></b><br>Levine (D)  | Resources: Delta Research                 |                          | Relates to the Sacramento-San Joaquin Delta Reform Act of 2009. Requires a person conducting State-funded Delta Research 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. Relates to ineligibility. Authorizes the Delta Independent Science Board to adopt guidelines. Suspends State funding for improper reporting. Provides research property rights remain with the researcher. | 04/29/2015 - In ASSEMBLY Committee on APPROPRIATIONS: To Suspense File.       |
| <b><u>AB 537</u></b><br>Allen T (R) | Public Employees' Benefits                |                          | Prohibits a public agency, state employer, employee organization, or public employee from entering into a memorandum of understanding that provides postemployment health care benefits without a strategy                                                                                                                                                                                                                                                                                                                      | 03/05/2015 - To ASSEMBLY Committee on PUBLIC EMPLOYEES, RETIREMENT AND SOCIAL |

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|                                      |                                                       |                          | for permanently prefunding members' postemployment healthcare benefits.                                                                                                                                                                                                                                                                                                                                                                                                                       | SECURITY.                                                                                                                      |
| <b><u>AB 577</u></b><br>Bonilla (D)  | Biomethane: Grant Program                             |                          | Requires the development and implementation of a grant program to award grants for projects that produce biomethane, that build or develop collection and purification technology or infrastructure, or that upgrade or expand existing biomethane facilities. Authorizes moneys in the Greenhouse Gas Reduction Fund to be used to fund grants awarded under the program.                                                                                                                    | 09/11/2015 - Re-referred to SENATE Committee on RULES.                                                                         |
| <b><u>AB 585</u></b><br>Melendez (R) | Outdoor Water Efficiency: Personal Income Tax Credits | Support                  | Relates to the Outdoor Water Efficiency Act. Allows a credit, under the Personal Income Tax Law, for a specified percentage of the amount paid or incurred by a qualified taxpayer for water-efficiency improvements on qualified real property. Limits the cumulative amount of the credit. Requires a taxpayer to obtain and retain a improvements certification from a regional or local water agency, and to provide a copy to the Franchise Tax Board upon request.                      | 08/27/2015 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.                                                       |
| <b><u>AB 590</u></b><br>Dahle (R)    | Greenhouse Gas Reduction Fund                         |                          | Provides that moneys in the Greenhouse Gas Reduction Fund account may be made available for expenditure by the State Energy Resources Conservation and Development Commission for maintaining the current level of biomass power generation or geothermal energy generation in the State and revitalizing currently idle facilities in strategically located regions. Establishes requirements for an applicant to receive available funding for a facility's eligible electrical generation. | 08/27/2015 - In SENATE Committee on APPROPRIATIONS: Held in committee.                                                         |
| <b><u>AB 603</u></b><br>Salas (D)    | Income Taxes: Every Drop Counts Tax Credit            | Support                  | Allows a credit under the Personal Income Tax and the Corporation Tax laws to a taxpayer participating in a lawn replacement rebate program.                                                                                                                                                                                                                                                                                                                                                  | 05/28/2015 - In ASSEMBLY. Joint Rule 62(a) suspended.;05/28/2015 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee. |
| <b><u>AB 606</u></b><br>Levine (D)   | Water Conservation                                    | Support Am<br>end        | Provides that when a state agency builds upon state-owned real property, purchases real property, or replaces landscaping or irrigation, the agency would be required to reduce water consumption and increase water efficiencies for that property where feasible through specified water efficiency measures. Exempts from such requirements any state-owned property that is leased for                                                                                                    | 09/10/2015 - *****To GOVERNOR.                                                                                                 |

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|                                    |                                                       |                          | agricultural purposes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                            |
| <b><u>AB 617</u></b><br>Perea (D)  | Groundwater                                           |                          | Defines in-lieu use. Provides that measures addressing such use shall be included in a groundwater sustainability plan. Relates to certain powers of a groundwater sustainability agency, if the agency adopts and submits such plan or alternative documentation. Authorizes an agency to enter into agreements and funding with private parties to assist in plan or plan element implementation. Provides procedures governing state agency cooperation in regards to the plan. Relates to regional water management plans. | 09/18/2015 - *****To GOVERNOR.                                                                                                                                                                             |
| <b><u>AB 639</u></b><br>Dahle (R)  | Water Quality: Membership of Regional Boards          |                          | Makes nonsubstantive changes to provisions of existing law which requires the State Water Resources Control Board and the regional water quality control boards to prescribe waste discharge requirements in accordance with the federal national pollutant discharge elimination system permit program established by the federal Clean Water Act and the Porter-Cologne Water Quality Control Act.                                                                                                                           | 02/24/2015 - INTRODUCED.                                                                                                                                                                                   |
| <b><u>AB 647</u></b><br>Eggman (D) | Beneficial Use: Storing of Water Underground          |                          | Declares that the diversion of water to underground storage constitutes a beneficial use of water if the water so stored is thereafter applied to the beneficial purposes for which the appropriation for storage was made, or if the water is so stored consistent with a sustainable groundwater management plan, statutory authority to conduct groundwater recharge, or a judicial degree and is for specified purposes. Requires applying for a permit or petition for a change. Requires including specified conditions. | 06/30/2015 - From SENATE Committee on NATURAL RESOURCES AND WATER with author's amendments.;06/30/2015 - In SENATE. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES AND WATER. |
| <b><u>AB 723</u></b><br>Rendon (D) | Rental Property: Plumbing Fixtures: Replacement       |                          | Requires the lease or rental agreement of a single-family residential real property or any portion of a multifamily residential real property or commercial real property that is entered into, renewed, or amended, be accompanied by a disclosure stating the property owner's responsibility to replace all noncompliant plumbing fixtures with water-conserving plumbing fixtures.                                                                                                                                         | 07/16/2015 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.                                                                                                          |
| <b><u>AB 725</u></b><br>Wagner (R) | Water Quality: Recycled Water: Storm-Induced Overflow | Sponsor                  | Requires the State Water Resources Control Board to adopt a policy to address the potential for a storm-induced overflow from an impoundment in which recycled water is stored for subsequent beneficial use or aesthetic purposes.                                                                                                                                                                                                                                                                                            | 03/26/2015 - To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.;03/26/2015 - From ASSEMBLY Committee on WATER,                                                                                            |

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|                                        |                                            |                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PARKS AND WILDLIFE with author's amendments.;03/26/2015 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on WATER, PARKS AND WILDLIFE. |
| <b><u>AB 786</u></b><br>Levine (D)     | Common Interest Developments: Property Use | Support                  | Amends existing law that prohibits an association from imposing a fine or assessment on separate interest owners for reducing or eliminating watering of vegetation or lawns during any period of declared emergency due to drought, except an association that uses recycled water for landscape irrigation. Revises that exception to authorize the imposition of a fine or assessment against the owner who receives recycled water from a retail water supplier and fails to use for landscaping irrigation.             | 09/23/2015 - *****To GOVERNOR.                                                                                                                              |
| <b><u>AB 852</u></b><br>Burke (D)      | Public Works: Prevailing Wages             |                          | Expands the definition of public works for the purposes of provisions relating to the prevailing rate of per diem wages, to also include any construction, alteration, demolition, installation, or repair work done under private contract on a project for a general acute care hospital, when the project is paid for, in whole or in part, with the proceeds of conduit revenue bonds. Provides an exception for a specified hospital.                                                                                   | 09/16/2015 - *****To GOVERNOR.                                                                                                                              |
| <b><u>AB 856</u></b><br>Calderon I (D) | Invasion of Privacy                        |                          | Expands liability for physical invasion of privacy to additionally include a person knowingly entering into the airspace above the land of another person without permission.                                                                                                                                                                                                                                                                                                                                                | 09/03/2015 - *****To GOVERNOR.                                                                                                                              |
| <b><u>AB 876</u></b><br>McCarty (D)    | Compostable Organics                       |                          | Requires a county or regional agency to include in its annual report to the Department for Resources Recycling and Recovery an estimate of the amount of organic waste in cubic yards that will be generated in the county of region over a specified time period, an estimate of the additional organic waste recycling facility capacity needed to process that amount of waste, and areas identified as locations for new and expended organic waste recycling facilities capable of safely meeting that additional need. | 09/01/2015 - *****To GOVERNOR.                                                                                                                              |
| <b><u>AB 888</u></b><br>Bloom (D)      | Waste Management: Plastic Microbeads       |                          | Prohibits a person from selling or offering for promotional purposes in the State a personal care product containing plastic microbeads that are used to exfoliate or cleanse in a rinse-off product. Provides                                                                                                                                                                                                                                                                                                               | 09/17/2015 - *****To GOVERNOR.                                                                                                                              |

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|                                    |                                                        |                          | an exception. Makes a violation subject to a civil penalty per day for each violation. Authorizes such penalty to be assessed and recovered in a civil action by the Attorney General or local officials. Requires penalties to be retained by the office that brought the action.                                                                                                                                                                                                                             |                                                                                                |
| <b><u>AB 935</u></b><br>Salas (D)  | Water Projects                                         |                          | Requires, upon appropriation by the Legislature, the Department of Water Resources to provide funding for certain projects, provided that certain conditions are met.                                                                                                                                                                                                                                                                                                                                          | 09/10/2015 - In SENATE. From third reading. To Inactive File.                                  |
| <b><u>AB 936</u></b><br>Salas (D)  | Groundwater Monitoring                                 |                          | Amends existing law which provides that certain entities with authority to assume groundwater monitoring functions with regard to a basin or subbasin for which the Department of Water Resources has assumed those functions are not eligible for a water grant or loan awarded or administered by the state. Authorizes an exemption for the eligibility restriction if the entity submits specified documentation that provides that there are special circumstances justifying noncompliance.              | 05/28/2015 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.                       |
| <b><u>AB 937</u></b><br>Salas (D)  | Groundwater Plan/Assistance: Disadvantaged Communities |                          | Requires the Department of Water Resources to provide technical assistance to disadvantaged communities so that they may participate in groundwater planning, including planning for regional groundwater banking, with any county or other local agency.                                                                                                                                                                                                                                                      | 08/27/2015 - In SENATE Committee on APPROPRIATIONS: Held in committee.                         |
| <b><u>AB 938</u></b><br>Salas (D)  | Groundwater: Basin Reprioritization                    |                          | Imposes the requirement to establish a groundwater sustainability agency on a local agency or combination of local agencies overlying a groundwater basin.                                                                                                                                                                                                                                                                                                                                                     | 05/07/2015 - To SENATE Committee on NATURAL RESOURCES AND WATER.                               |
| <b><u>AB 939</u></b><br>Salas (D)  | Groundwater Sustainability Agencies                    |                          | Amends existing law which requires a local agency to either establish a groundwater sustainability agency within a specified number of years of reprioritization and adopt a groundwater sustainability plan within a specified number of years of reprioritization, or to submit an alternative to the Department of Water Resources that the local agency believes satisfies the objectives the objectives within a specified number of years of reprioritization. Regards fees imposed to fund the program. | 09/10/2015 - *****To GOVERNOR.                                                                 |
| <b><u>AB 952</u></b><br>Garcia (D) | Local Government: Vacancies                            |                          | Provides updated procedures for the filling of a vacancy in an elective office by a city council for a vacancy that occurs in the first half or the second half of the term of office and at least a specified number of days prior to the next general municipal election, the                                                                                                                                                                                                                                | 08/12/2015 - Signed by GOVERNOR.;08/12/2015 - Chaptered by Secretary of State. Chapter No. 185 |

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|                                       |                                                      |                          | person appointed to fill the vacancy holds office until the next general municipal election at which a person is elected to fill that vacancy, and thereafter, until the person elected is qualified.                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                          |
| <b><u>AB 954</u></b><br>Mathis (R)    | Water and Wastewater Loan and Grant Pilot Program    |                          | Creates the Water and Wastewater Loan and Grant Program. Require the State Water Resources Control Board to establish a pilot program to provide low-interest loans and grants to local agencies for grants to eligible individual homeowners for purposes relating to drinking water and wastewater treatment. Creates a related fund for use under the program. Transfers a specified amount of funds from the General Fund to the fund.                                                                                | 08/27/2015 - In SENATE Committee on APPROPRIATIONS: Held in committee.                                                                                                                                                                   |
| <b><u>AB 957</u></b><br>Mathis (R)    | Water Quality, Supply, Infrastructure Improvement    |                          | Relates to grants under the Water Quality, Supply, and Infrastructure Improvement Act of 2014 for water supply reliability improvement to include in that improvement criterion whether the project is proposed by a community that is dependent on groundwater from a basin in overdraft, and would include in the public health benefits criterion whether the project is proposed by a community that has extended, or is in the process of extending, its water service deliveries to specified groundwater entities. | 04/28/2015 - In ASSEMBLY Committee on WATER, PARKS AND WILDLIFE: Not heard.                                                                                                                                                              |
| <b><u>AB 977</u></b><br>Mayes (R)     | State Water Pollution Control Revolving Fund         |                          | Amends existing law that requires loans under the State Water Pollution Control Revolving Fund to meet specified criteria, including requiring full amortization not later than a specified number of years after project completion. Requires full amortization not later than another specified number of years after project completion.                                                                                                                                                                               | 03/26/2015 - From ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS with author's amendments.;03/26/2015 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS. |
| <b><u>AB 1019</u></b><br>Garcia E (D) | Metal Theft and Related Recycling Crimes             |                          | Requires the Department of Justice to establish a Metal Theft Task Force Program designed to enhance the capacity of the department to serve as the lead law enforcement agency in the investigation and prosecution of illegal recycling operations, and metal theft and related recycling crimes. Authorizes the department to enter into partnerships with local law enforcement agencies.                                                                                                                             | 05/28/2015 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.                                                                                                                                                                 |
| <b><u>AB 1030</u></b><br>Ridley-      | Global Warming Solutions Act of 2006: Greenhouse Gas |                          | Amends existing law that relates to the Greenhouse Gas Reduction Fund. Requires priority be given to projects involving hiring that                                                                                                                                                                                                                                                                                                                                                                                       | 08/27/2015 - In SENATE Committee on APPROPRIATIONS: Held in                                                                                                                                                                              |

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| Thomas S (D)                              |                                                         |                          | support the targeted training and hiring of workers from disadvantaged communities for career-track jobs.                                                                                                                                                                                                                                                                                                                                                                                                                    | committee.                                                                                                                                                                                                                                                   |
| <b><u>AB 1068</u></b><br>Allen T (R)      | California Environmental Quality Act: Priority Projects |                          | Authorizes each Member of the Legislature to nominate one project within his or her respective district each year, and the Governor to designate those projects as priority projects if the projects meet specified requirements. Requires the Governor to provide a notice of the designation to the appropriate lead agency and to the Office of Planning and Research. Requires an environmental impact report for each project. Authorizes tiering from previously prepared reports. Relates to court stays of projects. | 03/19/2015 - To ASSEMBLY Committees on NATURAL RESOURCES and JUDICIARY.                                                                                                                                                                                      |
| <b><u>AB 1095</u></b><br>Garcia E (D)     | Salton Sea: Restoration Projects                        |                          | Requires the Natural Resources Agency to submit to the Legislature a list of defined shovel-ready Salton Sea restoration projects, including information regarding project costs and project completion timelines.                                                                                                                                                                                                                                                                                                           | 09/10/2015 - *****To GOVERNOR.                                                                                                                                                                                                                               |
| <b><u>AB 1128</u></b><br>Jones-Sawyer (D) | Water Conservation                                      |                          | Makes nonsubstantive changes to existing law that declares the intent of the Legislature to, among other things, promote urban water conservation standards that are consistent with the California Urban Water Conservation Council's adopted best management practices and specified requirements for demand management.                                                                                                                                                                                                   | 02/27/2015 - INTRODUCED.                                                                                                                                                                                                                                     |
| <b><u>AB 1139</u></b><br>Campos (D)       | Personal Income Tax: Credit: Turf Removal               |                          | Allows a taxpayer, under the Personal Income Tax Law, a credit for participation in a lawn replacement program.                                                                                                                                                                                                                                                                                                                                                                                                              | 03/26/2015 - To ASSEMBLY Committee on REVENUE AND TAXATION.;03/26/2015 - From ASSEMBLY Committee on REVENUE AND TAXATION with author's amendments.;03/26/2015 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on REVENUE AND TAXATION. |
| <b><u>AB 1144</u></b><br>Rendon (D)       | Renewables Portfolio Standard Program: Credits          |                          | Provides that renewable energy credits may be used to meet certain portfolio content requirements if the credits are earned by electricity that is generated by an entity that would be excluded from the definition of an electrical corporation by operation of the exclusions for entities employing landfill or digester gas technology that meets certain requirements, including that the electricity is used at a                                                                                                     | 08/17/2015 - From SENATE Committee on APPROPRIATIONS with author's amendments.;08/17/2015 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.                                                                             |

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|------------------------------------|------------------------------------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                    |                                                      |                          | wastewater treatment facility. Prohibits certain marketing claims.                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                            |
| <b><u>AB 1201</u></b><br>Salas (D) | Delta: Predation by<br>Nonnative Species             | Support                  | Requires the State Department of Fish and Wildlife to develop a science-based plan that addresses predation by nonnative species upon species of fish listed pursuant to the State Endangered Species Act that reside all or a portion of their lives in the Sacramento-San Joaquin Delta and that considers predation reduction for all Chinook salmon and other native species not listed pursuant to the Act. Provides for input from the scientific community, water users and fishing communities.                        | 08/27/2015 - In SENATE Committee on APPROPRIATIONS: Held in committee.                                                                                                     |
| <b><u>AB 1242</u></b><br>Gray (D)  | Water Quality and Storage                            |                          | Provides provisions of law requiring a specified increase in statewide water storage capacity, and updating water strategies and implementation plans. Requires the Water Resources Control Board, in formulating policy for water quality control and adopting or approving a water quality control plan for the Sacramento-San Joaquin Delta, to take into consideration any applicable groundwater sustainability plan or alternative and available information on impacts of groundwater use and beneficial uses of water. | 09/02/2015 - In SENATE. Read second time. To third reading.;09/02/2015 - Re-referred to SENATE Committee on RULES.                                                         |
| <b><u>AB 1243</u></b><br>Gray (D)  | Groundwater Recharge:<br>Grants                      |                          | Establishes the Groundwater Recharge Grant Fund. Provides that moneys in the fund are available to the State Water Resources Control Board to provide grants to local governments and water districts for groundwater recharge infrastructure projects.                                                                                                                                                                                                                                                                        | 04/14/2015 - In ASSEMBLY Committee on WATER, PARKS AND WILDLIFE: Not heard.                                                                                                |
| <b><u>AB 1315</u></b><br>Alejo (D) | Public Contracts Water<br>Pollution Prevention Plans |                          | Prohibits a public entity, charter city, or charter county from delegating to a contractor the development of a plan used to prevent or reduce water pollution or runoff on a public works contract. Provides exceptions. Prohibits those same entities from requiring a contractor on a public works contract that includes compliance with a plan to assume responsibility for the completeness and accuracy of a plan developed by that entity.                                                                             | 05/28/2015 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.                                                                                                   |
| <b><u>AB 1325</u></b><br>Salas (D) | Delta Smelt                                          |                          | Enacts the Delta Smelt Preservation and Restoration Act of 2016. Requires the development of a delta smelt hatchery program to preserve and restore the delta smelt. Requires entering into mitigation banking agreements with banking partners of the Department of Fish and Wildlife for the purpose of providing take authorizations to those partners and to obtain funding from banking                                                                                                                                   | 04/28/2015 - In ASSEMBLY Committee on WATER, PARKS AND WILDLIFE: Failed passage.;04/28/2015 - In ASSEMBLY Committee on WATER, PARKS AND WILDLIFE: Reconsideration granted. |

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| <b>Bill No.<br/>Author</b>                    | <b>Title</b>                                   | <b>IRWD<br/>Position</b> | <b>Summary/Effects</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Status</b>                                                                                                                                                                                  |
|-----------------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                               |                                                |                          | agreements. Appropriates an unspecified amount of money from an unspecified source to implement these provisions.                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                |
| <b><u>AB 1362</u></b><br>Gordon (D)           | Local Government Assessments Fees and Charges  |                          | Defines stormwater for purposes of the Proposition 218 Omnibus Implementation Act to mean any system of public improvements or service intended to provide for the quality, conservation, control, or conveyance of waters that land on or drain across the natural or man-made landscape.                                                                                                                                                                                                                                | 03/23/2015 - To ASSEMBLY Committee on LOCAL GOVERNMENT.                                                                                                                                        |
| <b><u>AB 1390</u></b><br>Alejo (D)            | Groundwater: Comprehensive Adjudication        |                          | Establishes special comprehensive adjudication procedures for an action to determine the rights to extract groundwater in a basin. Authorizes determining all rights to groundwater in a basin whether on appropriation, overlying right, or other basin storage space rights. Provides provisions specifying procedures, including court procedures, for the handling and processing of complaints regarding usage. Authorizes a judge of the superior court to determine if the action is a comprehensive adjudication. | 09/18/2015 - *****To GOVERNOR.                                                                                                                                                                 |
| <b><u>AB 1454</u></b><br>Wagner (R)           | Water Quality: Trash: Single-Use Carryout Bags |                          | Suspends the operation of certain amendments to water quality control plans relating to the total maximum daily load for trash unless and until specified provisions inoperative due to a pending referendum election become effective. Requires the State Water Resources Control Board to revisit and revise the water quality control plans to address impaired water quality due to trash if the law pending referendum is defeated.                                                                                  | 04/23/2015 - Re-referred to ASSEMBLY Committee on RULES.                                                                                                                                       |
| <b><u>AB 1463</u></b><br>Gatto (D)            | Onsite Treated Water                           |                          | Requires the State Water Resources Control Board, in consultation with the Department of Public Health, the Building Standards Commission, and stakeholders, to establish water quality standards and distribution, monitoring, and reporting requirements for onsite water recycling systems prior to authorizing the use of onsite treated water in internal plumbing of residential and commercial buildings. Requires onsite treated water to be considered the same as recycled water that is produced on site.      | 09/04/2015 - From SENATE Committee on ENVIRONMENTAL QUALITY with author's amendments.;09/04/2015 - In SENATE. Read second time and amended. Re-referred to Committee on ENVIRONMENTAL QUALITY. |
| <b><u>AB 1532</u></b><br>Local Government Cmt | Local Government: Omnibus                      |                          | Amends provisions regarding local governments to include the revision of existing law regarding local agency formation commissions. Revises provisions regarding hospital districts, conflict of interest rules for a commission appointed legal counsel, the                                                                                                                                                                                                                                                             | 07/15/2015 - Signed by GOVERNOR.;07/15/2015 - Chaptered by Secretary of State. Chapter No. 114                                                                                                 |

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| <b>Bill No.<br/>Author</b>        | <b>Title</b>                                    | <b>IRWD<br/>Position</b> | <b>Summary/Effects</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Status</b>                                                                                                                                                                                              |
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|                                   |                                                 |                          | annexation of inhabited territory, and the issuance of a certificate of completion or termination regarding the consolidation of cities or districts.                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                            |
| <b><u>AB 1534</u></b><br>Ting (D) | Assessment Analyst:<br>Certification            |                          | Prohibits an assessor or any person employed by the Office of the County Assessor from making decisions with regard to change in ownership, or with regard to property tax exemptions, except a homeowners' exemption claim, unless he or she is the holder of a valid assessment analyst certificate issued by the State Board of Equalization. Requires prescribed annual training for certification. Provides for advanced certification. Provide failure to complete training would be grounds for revocation.             | 09/16/2015 - *****To GOVERNOR.                                                                                                                                                                             |
| <b><u>SB 7</u></b><br>Wolk (D)    | Housing: Water Meters:<br>Multi-unit Structures |                          | Requires a landlord to make submeter disclosures to a tenant prior to executing a rental agreement. Relates to tenant billing procedures and requirements. Authorizes building standards that require the installation of water submeters in multiunit residential buildings. Provides structure exemptions. Relates to landlord requirements. Relates to the use of meters or submeters in new mixed-use residential and commercial structures as a condition for service. Requires licensed contractors do the installation. | 09/08/2015 - In ASSEMBLY. Read third time. Failed to pass ASSEMBLY.;09/08/2015 - In ASSEMBLY. Motion to reconsider.                                                                                        |
| <b><u>SB 13</u></b><br>Pavley (D) | Groundwater                                     |                          | Authorizes the State Water Resource Control Board to designate a basin as a probationary basin and to develop an interim plan. Relates to deficiency remedies by a local agency or groundwater sustainability agency, and to the designation of a basin as probationary. Relates to establishing a groundwater sustainability plan. Authorizes a mutual water company to participate in such agency. Provides a water corporation or mutual water company may participate. Requires an agreement for agency designation.       | 09/03/2015 - Signed by GOVERNOR.;09/03/2015 - Chaptered by Secretary of State. Chapter No. 255                                                                                                             |
| <b><u>SB 20</u></b><br>Pavley (D) | State Water Resiliency<br>Investment Act        |                          | Creates the State Water Resiliency Investment Fund. Provides that moneys in the Fund are available for the purpose of providing a more dependable water supply in the State. Creates various accounts within the Fund for prescribed purposes.                                                                                                                                                                                                                                                                                 | 08/26/2015 - From ASSEMBLY Committee on WATER, PARKS AND WILDLIFE with author's amendments.;08/26/2015 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on WATER, PARKS AND WILDLIFE. |

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| <b>Bill No.<br/>Author</b>           | <b>Title</b>                                        | <b>IRWD<br/>Position</b> | <b>Summary/Effects</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Status</b>                                                                                                                                                                                                                                                   |
|--------------------------------------|-----------------------------------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b><u>SB 32</u></b><br>Pavley (D)    | Global Warning Solutions Act of 2006                |                          | Requires the State Air Resources Board to approve a specified statewide greenhouse gas emission limits that are the equivalent to a specified percentage below the 1990 level to be achieved by 2030. Revises current provisions of existing law regarding the implementation of the next update of a greenhouse gas scoping plan under existing law. Requires reports regarding reaching these limits.                                                                                                                      | 09/10/2015 - Re-referred to ASSEMBLY Committee on NATURAL RESOURCES.;09/10/2015 - From ASSEMBLY Committee on NATURAL RESOURCES with author's amendments.;09/10/2015 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES. |
| <b><u>SB 47</u></b><br>Hill (D)      | Environmental Health: Synthetic Turf                |                          | Requires the Office of Environmental Health Hazard Assessment, in consultation with the Department of Resources Recycling and Recovery, the State Department of Public Health, and the Department of Toxic Substances Control, to prepare and provide to the Legislature and post on the office's Internet Web site a study analyzing synthetic turf, for potential adverse health impacts. Provides the information to be included in the study. Authorizes grant to crumb rubber businesses to find alternative markets.   | 05/28/2015 - In SENATE Committee on APPROPRIATIONS: Held in committee.                                                                                                                                                                                          |
| <b><u>SB 113</u></b><br>Galgiani (D) | Disaster Preparedness and Flood Prevention Bond Act |                          | Specifies that the Disaster Preparedness and Flood Prevention Bond Act of 2006 funds provided by the act are only available for appropriation until a specified date and at that time the amount of indebtedness authorized by the act is reduced by the amount of funds that have not been appropriated. Makes available a specified amount of funding for the upgrade of the levee system of a specified reclamation district to provide urban level of flood protection.                                                  | 07/02/2015 - From SENATE Committee on NATURAL RESOURCES AND WATER with author's amendments.;07/02/2015 - In SENATE. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES AND WATER.                                                      |
| <b><u>SB 119</u></b><br>Hill (D)     | Protection of Subsurface Installations              |                          | Makes changes relating to a regional notification center and subsurface installations. Provides for delineation of areas to be excavated, preservation of certain plans, excavator damages for improperly inaccurate field mark, pipeline safety, an exemption for certain residential property owners using hand tools, the creation of an advisory committee, the use of moneys collected as a result of the issuance of citations, gas corporations' damage prevention programs, sewer line tagging, and related reports. | 09/11/2015 - *****To GOVERNOR.                                                                                                                                                                                                                                  |
| <b><u>SB 122</u></b><br>Jackson (D)  | Environmental Quality Act: Record of Proceedings    |                          | Amends the Environmental Quality Act. Relates to a database for the collection, storage, retrieval, and dissemination of environmental                                                                                                                                                                                                                                                                                                                                                                                       | 08/27/2015 - In ASSEMBLY Committee on APPROPRIATIONS:                                                                                                                                                                                                           |

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|                                       |                                                       |                          | documents, notices of exemption, notices of preparation, notices of determination, and notices of completion provided to the office that shall be available online to the public through the internet. Provides for the phase-in of electronic documents. Requires the lead agency to submit to the State Clearinghouse a sufficient number of environmental documents for review.                                                                                                               | Not heard.                                                                                                                                                                 |
| <b><u>SB 127</u></b><br>Vidak (R)     | Water Quality, Supply, and Infrastructure Improvement |                          | Relates to the Water Quality, Supply, and Infrastructure Improvement Act of 2014. Requires the public agency, in certifying the environmental impact report and in granting approvals for projects funded, in whole or in part, by Proposition 1, including the concurrent preparation of the record of proceedings and the certification of the record of proceeding within 5 days of the filing of a specified notice, to comply with specified procedures.                                    | 02/05/2015 - To SENATE Committees on ENVIRONMENTAL QUALITY and JUDICIARY.                                                                                                  |
| <b><u>SB 142</u></b><br>Jackson (D)   | Civil law: Unmanned Aerial Vehicles                   |                          | Extends liability for wrongful occupation of real property and damages to a person who operates an unmanned aircraft or unmanned aircraft system less than a specified distance above ground level within the airspace overlaying the real property, without the express permission of the person or entity with the legal authority to grant access or without legal authority.                                                                                                                 | 09/09/2015 - Vetoed by GOVERNOR.                                                                                                                                           |
| <b><u>SB 143</u></b><br>Stone (R)     | Diamond Valley Reservoir: Recreational Use            | Oppose                   | Amends existing law that prohibits recreational use in which there is bodily contact with water, in a reservoir in which water is stored for domestic use.                                                                                                                                                                                                                                                                                                                                       | 02/05/2015 - To SENATE Committee on ENVIRONMENTAL QUALITY.                                                                                                                 |
| <b><u>SB 173</u></b><br>Nielsen (R)   | Groundwater: De Minimis Extractors                    |                          | Amends existing law that generally excepts a de minimis extractor from the requirement that a person who extracts groundwater from a probational basin or extracts groundwater on or after July 1, 2017, in an area within a basin that is not within the management area of a groundwater sustainability agency and where the county does not assume responsibility to be the groundwater sustainability agency has to file a report of groundwater extraction. Defines a de minimis extractor. | 03/24/2015 - In SENATE Committee on NATURAL RESOURCES AND WATER: Failed passage.;03/24/2015 - In SENATE Committee on NATURAL RESOURCES AND WATER: Reconsideration granted. |
| <b><u>SB 179</u></b><br>Berryhill (R) | Secondhand Goods: Junk Dealers                        |                          | Makes nonsubstantive changes to existing law that prohibits a junk dealer or recycler from possessing a reasonably recognizable, disassembled, or inoperative fire hydrant or fire department connection, a manhole cover or lid, or a backflow device, that was                                                                                                                                                                                                                                 | 02/19/2015 - To SENATE Committee on RULES.                                                                                                                                 |

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|                                       |                                                        |                          | owned by an agency, without a written certification on the agency's letterhead that the agency either has sold the material described or is offering the material for sale.                                                                                                                                                                                                                                                                                                                                                      |                                                                                                |
| <b><u>SB 184</u></b><br>Hertzberg (D) | Local Government: Omnibus Bill                         |                          | Clarifies that provisions in existing law relating to the authority of the duties of the auditor apply only to the county auditor. Authorizes marginal notations on recorded records. Repeals keeping an index of separate property of married women. Authorizes general grantor-grantee index in computerized or electronic format. Deletes certain endorsement requirements. Deletes certain name and address posting on records requirements. Updates government contract cost accounting. Relates to local contract bidding. | 09/04/2015 - Signed by GOVERNOR.;09/04/2015 - Chaptered by Secretary of State. Chapter No. 269 |
| <b><u>SB 185</u></b><br>De Leon (D)   | Public Retirement Systems: Divestiture of Thermal Coal |                          | Prohibits the boards of the Public Employees' Retirement System and the State Teachers' Retirement System from making new investments or renewing existing investments of funds in a thermal coal company. Requires the boards to liquidate investments and to engage with such companies to ascertain if they are transitioning to clean energy generation business models. Requires the boards to file a report including a list of companies of which they have liquidated their investments.                                 | 09/08/2015 - *****To GOVERNOR.                                                                 |
| <b><u>SB 208</u></b><br>Lara (D)      | Integrated Regional Water Management Plans: Grants     |                          | Requires a regional water management group to provide the Department of Water Resources with a list of projects to be funded by the grant funds where the project proponent is a nonprofit organization or a disadvantaged community, or the project benefits a disadvantaged community. Requires the Department to provide advanced payment of a percentage of the grant from those projects that satisfy specified criteria. Authorizes the Department to adopt additional requirements to assure payment is used properly.    | 09/14/2015 - *****To GOVERNOR.                                                                 |
| <b><u>SB 216</u></b><br>Pan (D)       | Public Employees Retirement System                     |                          | Amends the Public Employees Retirement System. Repeals the provisions regarding investing in residential realty on the system's investment portfolio. Changes the frequency of a specified report to eliminate the requirement to report on the investments on a cost basis. Makes other changes to the content of the report. Specifies that the option to purchase service credit shall be elected prior to retirement, that the member be returning to State service. Requires                                                | 09/02/2015 - Signed by GOVERNOR.;09/02/2015 - Chaptered by Secretary of State. Chapter No. 244 |

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| Bill No.<br>Author            | Title                                                  | IRWD<br>Position | Summary/Effects                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Status                                                                   |
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|                               |                                                        |                  | supplying retirement eligibility information.                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                          |
| <b>SB 223</b><br>Galgiani (D) | Division of Boating and Waterways: Oversight Committee |                  | Requires the Division of Boating and Waterways to establish an advisory and oversight committee to evaluate and monitor the activities of the Division relating to the management and control or eradication of invasive aquatic plants. Provides the expertise of members of the committee. Requires the committee to meet a specified amount of times per year and to communicate any findings or recommendations to the Division.                                                                                   | 08/27/2015 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee. |
| <b>SB 226</b><br>Pavley (D)   | Sustainable Groundwater Management Act                 |                  | Requires that any water right adjudication act shall minimize interference with the completion and implementation of a groundwater sustainability plan, avoid redundancy and unnecessary costs in the development of technical information an a physical solution. Authorizes the designation of high- and medium-priority basins as probationary, under specified criteria. States certain court requirements regarding probationary basins and interim plans.                                                        | 09/18/2015 - *****To GOVERNOR.                                           |
| <b>SB 228</b><br>Cannella (R) | Groundwater Storage: Beneficial Use                    |                  | Declares that the recharging of a groundwater basin by a local groundwater management agency or a local groundwater sustainability agency for the purposes of repelling saline intrusion and recovering basin groundwater levels constitutes a beneficial use of water if the recharge is consistent with the local agency's groundwater management plan or groundwater sustainability plan.                                                                                                                           | 02/26/2015 - To SENATE Committee on NATURAL RESOURCES AND WATER.         |
| <b>SB 248</b><br>Pavley (D)   | Oil and Gas                                            |                  | Provides for an inspection program for all activities regulated pursuant to provisions concerning drilling, operation, maintenance, and abandonment of oil and gas wells and certain tanks and facilities. Requires inspections to be reported and posted, and the recording of information in a well history, including fluid injection, chemical composition, and waste disposal injection. Provides for shutdown. Requires updating related regulations. Requires notification and clearance of chemical injection. | 08/27/2015 - In ASSEMBLY Committee on APPROPRIATIONS: Not heard.         |
| <b>SB 258</b><br>Bates (R)    | Local Government                                       |                  | States the intent of the Legislature to enact legislation that would protect the right of the public to participate in open deliberations of the legislative bodies of local agencies by clarifying the appropriate use of special meetings.                                                                                                                                                                                                                                                                           | 02/26/2015 - To SENATE Committee on RULES.                               |
| <b>SB 272</b>                 | State Public Records Act:                              |                  | Requires each local agency, in implementing the State Public                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 09/11/2015 - *****To GOVERNOR.                                           |

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|---------------------------------------|---------------------------------------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Hertzberg (D)                         | Local Agencies: Inventory                               |                          | Records Act, to create a catalog of enterprise systems, to make the catalog publicly available upon request in the office of the person or officer designated by the agency's legislative body, and to post the catalog on the local agency's Internet Web site. Requires the catalog to disclose a list of the systems utilized by the agency and, among other things, the current system vendor and product, citing the justification therefor.                                                                              |                                                                                                |
| <b><u>SB 286</u></b><br>Hertzberg (D) | Electricity: Direct Transactions                        |                          | Requires the Public Utilities Commission to adopt and implement a schedule that implements a specified phase-in period for expanding direct transactions for individual retail nonresidential end-use customers over a maximum time period, raising the allowable limit of kilowatthours that can be supplied by other electrical corporation's distribution service territory to that corporation's share of the gigawatthours. Requires such customers to be responsible for their share of the costs of specified programs. | 08/27/2015 - In ASSEMBLY. Joint Rule 62(a) suspended.                                          |
| <b><u>SB 317</u></b><br>De Leon (D)   | Safe Neighborhood Parks, Rivers, and Coastal Protection |                          | Enacts the Safe Neighborhood Parks, Rivers, and Coastal Protection Bond Act of 2016, 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 neighborhood parks, rivers, and coastal protection program.                                                                                                                                                                                                              | 09/11/2015 - In SENATE. To Inactive File.                                                      |
| <b><u>SB 350</u></b><br>De Leon (D)   | Clean Energy and Pollution Reduction Act of 2015        |                          | Requires an increase in the amount of electricity generated and sold to retail customers per year from eligible renewable energy resources. Makes other Renewables Portfolio Standards Program revisions. Requires targets for energy efficiency savings and demand reduction for gas and electrical corporations. Relates to the transformation of the Independent System Operator as a regional organization with the approval of the Legislature, pursuant to a specified process.                                          | 09/14/2015 - Enrolled.                                                                         |
| <b><u>SB 360</u></b><br>Cannella (R)  | Biomethane                                              |                          | Authorizes the Public Utilities Commission to consider providing the option to all corporations to engage in competitive bidding and direct investment in ratepayer financed biomethane collection equipment.                                                                                                                                                                                                                                                                                                                  | 03/05/2015 - To SENATE Committee on ENERGY, UTILITIES AND COMMUNICATIONS.                      |
| <b><u>SB 385</u></b><br>Hueso (D)     | Primary Drinking Water Standards: Hexavalent Chromium   |                          | Authorizes the State Water Resources Control Board to grant a period of time to achieve compliance with the primary drinking water standard for hexavalent chromium by approving the                                                                                                                                                                                                                                                                                                                                           | 09/04/2015 - Signed by GOVERNOR.;09/04/2015 - Chaptered by Secretary of State. Chapter No. 272 |

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|---------------------------------------|----------------------------------------------------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
|                                       |                                                          |                          | compliance plan. Requires a public water system to provide specified notice regarding the plan to the persons served and to send status reports to the Board. Authorizes the Board to direct revisions to the plan and to implement, interpret, or make specific provisions by means of criteria, published on its Internet Web site.                                                                                                                                                              |                                                                                                                                |
| <b><u>SB 454</u></b><br>Allen (D)     | Water Quality: Oil and Gas:<br>Exempted Aquifer          |                          | Relates to water quality, oil and gas wells and exempt aquifers. Prohibits the Division of Oil, Gas, and Geothermal Resources from submitting a proposal for an aquifer exemption to the United States Environmental Protection Agency unless the Division and the State Water Resources Control Board concur in writing that the aquifer meets specified conditions.                                                                                                                              | 06/08/2015 - In SENATE. From third reading. To Inactive File.                                                                  |
| <b><u>SB 471</u></b><br>Pavley (D)    | Water, Energy, Reduction of<br>Greenhouse Gas Emissions  |                          | Includes reduction of greenhouse emissions associated with water treatment among the investments that are eligible for funding from the Greenhouse Gas Reduction Fund. Requires the State Water Resources Control Board to establish a grant and loan program for water projects that result in the net reduction of water-related greenhouse gas emissions.                                                                                                                                       | 08/27/2015 - In ASSEMBLY. Joint Rule 62(a) suspended.;08/27/2015 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee. |
| <b><u>SB 485</u></b><br>Hernandez (D) | County of Los Angeles:<br>Sanitation Districts           |                          | Authorizes specified sanitation districts in the County of Los Angeles, to acquire, construct, operate, maintain, and furnish facilities for the diversion, management, and treatment of stormwater and dry weather runoff, the discharge of the water to the stormwater drainage system, and the beneficial use of the water. Requires a district to consult with the specified entities prior to initiating a stormwater or dry weather runoff program within the boundaries of specified areas. | 09/14/2015 - *****To GOVERNOR.                                                                                                 |
| <b><u>SB 487</u></b><br>Nielsen (R)   | Sustainable Groundwater<br>Management Act:<br>Exemptions |                          | Relates to the California Environmental Act (CEQA). Exempts from the requirements of CEQA the formation of a groundwater sustainability agency, the amendment of a groundwater sustainability plan or coordinated groundwater sustainability plan, and the implementation of those plans, except to the extent that the implementation requires the construction or installation of a new facility.                                                                                                | 03/12/2015 - To SENATE Committee on ENVIRONMENTAL QUALITY.                                                                     |
| <b><u>SB 551</u></b><br>Wolk (D)      | State Water Policy: Water<br>and Energy Efficiency       | Seek_Amen<br>d           | Declares the policy of the state that water use and water treatment shall operate in a manner that is as energy efficient as in feasible and                                                                                                                                                                                                                                                                                                                                                       | 08/27/2015 - In ASSEMBLY Committee on APPROPRIATIONS:                                                                          |

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|-------------------------------------|-----------------------------------------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
|                                     |                                                           |                          | energy use and generation shall operate in a manner that is as water efficient as is feasible. Requires all relevant state agencies to consider this state policy when revising, or establishing policies, regulations, and grant criteria when pertinent to these uses of water and energy.                                                                                                                                                                                                                                 | Held in committee.                                                                               |
| <b><u>SB 552</u></b><br>Wolk (D)    | Public Water Systems:<br>Disadvantaged Communities        |                          | Requires the State Water Resources Control Board to hold at least one initial public meeting prior to ordering the consolidate or extension of public water system service and to obtain the consent of any domestic well owner. Provides any affected resident and domestic well owner within the service area who does not consent is ineligible for any future water-related grant funding. Requires the Board to compensate certain water systems. Prohibits a charge increase for certain customers.                    | 07/09/2015 - Re-referred to<br>ASSEMBLY Committee on RULES.                                      |
| <b><u>SB 553</u></b><br>Wolk (D)    | Water Conservation                                        |                          | Requires the Department of General Services to identify each public property in the department's state property inventory where it is feasible for water consumption to be reduces and water efficiencies to be achieved through implementation of the relevant recommendations made in the model water efficient landscape ordinance and would require the department to implement the relevant recommendation where feasible.                                                                                              | 05/28/2015 - In SENATE Committee on<br>APPROPRIATIONS: Held in<br>committee.                     |
| <b><u>SB 554</u></b><br>Wolk (D)    | Water Commission<br>Disqualifying Financial<br>Interest   |                          | Removes a member of the California Water Commission from office if after trial a court finds that the commission member has knowingly participated in any commission decision in which the member has a disqualifying financial interest in the decision.                                                                                                                                                                                                                                                                    | 04/21/2015 - In SENATE Committee on<br>ELECTIONS AND<br>CONSTITUTIONAL AMENDMENTS:<br>Not heard. |
| <b><u>SB 555</u></b><br>Wolk (D)    | Urban Retail Water<br>Suppliers: Water Loss<br>Management | Support                  | Require each urban retail water supplier to submit a completed and validated water loss audit report for the previous calendar year or fiscal year. Requires the Department of Water Resources of post a reports on its Internet Web site and develop metrics for reporting progress on water loss reduction. Requires rules requiring urban retail water suppliers to meet performance standards for the volume of water losses. Requires the Water Resources Control Board to fund water loss audit validation assistance. | 09/10/2015 - *****To GOVERNOR.                                                                   |
| <b><u>SB 556</u></b><br>De Leon (D) | Victims of Crime:<br>Indemnification:                     |                          | Relates to indemnification of victims of crime. Defines the time of processing applications. Requires the Victim Compensation and                                                                                                                                                                                                                                                                                                                                                                                            | 09/10/2015 - In ASSEMBLY. To<br>Inactive File.                                                   |

**IRWD 2015 LEGISLATIVE MATRIX**  
**Updated 09/29/2015**

| <b>Bill No.<br/>Author</b>            | <b>Title</b>                                   | <b>IRWD<br/>Position</b> | <b>Summary/Effects</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Status</b>                                                                         |
|---------------------------------------|------------------------------------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                       | Applications                                   |                          | Government Claims Board to post on its Internet Web site its progress and current average time of processing applications, the number of applications approved and denied, and incomplete applications received. Relates to the period of time, including all calendar days, that begins when the board first receives an application and ends when a check is mailed to an eligible victim.                                                                                                                |                                                                                       |
| <b><u>SB 568</u></b><br>Fuller (R)    | Groundwater Management                         |                          | Relates to the Sustainable Groundwater Management Act. Authorizes the State Water Resources Control Board to designate a basin as a probationary basin if the state board makes a certain determination and authorizes the state board to develop an interim plan for the probationary basin.                                                                                                                                                                                                               | 03/12/2015 - To SENATE Committee on RULES.                                            |
| <b><u>SB 615</u></b><br>Berryhill (R) | Waste Discharge: Waivers: Managed Wetlands     |                          | Relates to waste discharge requirements, waivers and managed wetlands. Requires each regional board to prescribe waste discharge requirements that implement relevant water quality control plans. Provides for waivers. Amends monitoring of wetlands unless results of downstream monitoring demonstrate a violation of water quality discharge standards.                                                                                                                                                | 04/29/2015 - In SENATE Committee on ENVIRONMENTAL QUALITY: Not heard.                 |
| <b><u>SB 625</u></b><br>Galgiani (D)  | Water Management: Synthetic Plastic Microbeads |                          | Prohibits the selling, or offering for promotional purposes a person care product containing synthetic plastic microbeads. Exempts from this prohibition the sale or promotional offer of a product containing a specified amount of such microbeads. Makes a violator liable for a civil penalty for each violation. Authorizes the penalty to be recovered in a civil action brought by the Attorney General. Prohibits any local ordinance, resolution, or rule relating to the sale of such microbeads. | 04/22/2015 - Re-referred to SENATE Committees on ENVIRONMENTAL QUALITY and JUDICIARY. |
| <b><u>SB 687</u></b><br>Allen (D)     | Renewable Gas Standard                         |                          | Requires the State Air Resources Board to adopt a carbon-based renewable gas standard that requires all gas sellers to provide specified percentages of renewable gas meeting certain deliverability requirements, to retail end-use customers for use in the state that increases over specified compliance periods, and to issue an analysis of the lifecycle emissions of greenhouse gases and reductions for different biogas types and end uses. Requires a renewable gas assessment.                  | 05/28/2015 - In SENATE Committee on APPROPRIATIONS: Held in committee.                |
| <b><u>SB 704</u></b>                  | Public Officers and                            |                          | Relates to conflicts of interest. Includes in the definition of remote                                                                                                                                                                                                                                                                                                                                                                                                                                      | 09/03/2015 - *****To GOVERNOR.                                                        |

**IRWD 2015 LEGISLATIVE MATRIX**  
**Updated 09/29/2015**

| <b>Bill No.<br/>Author</b>             | <b>Title</b>                                           | <b>IRWD<br/>Position</b> | <b>Summary/Effects</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Status</b>                                                                        |
|----------------------------------------|--------------------------------------------------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Gaines T (R)                           | Employees: Conflicts of Interest                       |                          | interest the interest of a person who is an owner or partner of a firm serving as an appointed member of an unelected board or commission of a contracting agency, if the owner or partner recuses himself or herself from providing certain advice, and the interest of a planner employed by a consulting engineering, architectural, or planning firm.                                                                                                                                                                        |                                                                                      |
| <b><u>SB 758</u></b><br>Block (D)      | Atmospheric Rivers: Research, Mitigation, Forecasting  |                          | Establishes the Atmospheric Rivers Research, Mitigation, and Climate Forecasting Program in the State Department of Water Resources to research climate forecasting and the causes and impact that climate change has on atmospheric rivers, to operate reservoirs in a manner that improves flood protection in the State, and to reoperate flood control and water storage facilities to capture water generated from atmospheric rivers.                                                                                      | 09/11/2015 - *****To GOVERNOR.                                                       |
| <b><u>SB 768</u></b><br>Wieckowski (D) | Water-Conserving Plumbing Fixtures                     |                          | Makes technical, nonsubstantive changes to existing law that requires the replacement of plumbing fixtures that are not water conserving in residential and commercial real property built and available for use on or before a specified date.                                                                                                                                                                                                                                                                                  | 03/19/2015 - To SENATE Committee on RULES.                                           |
| <b><u>SB 772</u></b><br>Stone (R)      | Bay Delta Conservation Plan: Judicial Review           |                          | States the intent of the Legislature to enact legislation establishing judicial review procedures for the Bay Delta Conservation Plan.                                                                                                                                                                                                                                                                                                                                                                                           | 03/19/2015 - To SENATE Committee on RULES.                                           |
| <b><u>SB 798</u></b><br>Pavley (D)     | Natural Resources                                      |                          | Clarifies that specified laws relating to sport fishing regulations do not apply to conforming actions. Makes changes concerning the Automated License Data system, license agents, the retrocession of jurisdiction by the United States over land within the state, the Range Management Advisory Committee, service on the Coastal Commission, civil liability for unauthorized diversion or use of water, permits for such use and diversion, adoption of conditions for small irrigation use, and a certain revolving fund. | 09/03/2015 - *****To GOVERNOR.                                                       |
| <b><u>SJR 1</u></b><br>Beall (D)       | Social Security: Retirement Benefits: Public Employees |                          | Requests the President and the Congress of the United States to pass legislation repealing the Government Pension Offset and the Windfall Elimination Provisions from the Social Security Act.                                                                                                                                                                                                                                                                                                                                   | 07/06/2015 - Chaptered by Secretary of State.;07/06/2015 - Resolution Chapter No. 92 |

October 5, 2015

Prepared and

submitted by: N. Savedra

Approved by: Paul Cook



WATER RESOURCES POLICY AND COMMUNICATIONS COMMITTEE

RESOLUTION COMMENDING MR. LAURENCE R. LIZOTTE  
FOR HIS DEDICATED YEARS OF SERVICE  
TO MOUTON NIGUEL WATER DISTRICT

SUMMARY:

Mr. Laurence (Larry) R. Lizotte will be recognized in November after 45 years of dedicated service as a board member for the Moulton Niguel Water District. A presentation is scheduled at their November 19th board meeting at which time Director Douglas Reinhart will present Mr. Lizotte with this resolution. Provided as Exhibit "A" is a resolution commending Mr. Laurence Lizotte for his distinguished and dedicated service to the Moulton Niguel Water District.

FISCAL IMPACTS:

None

ENVIRONMENTAL COMPLIANCE:

None

RECOMMENDED MOTION:

THAT THE BOARD ADOPT THE FOLLOW RESOLUTION BY TITLE:

RESOLUTION NO. 2015-

RESOLUTION OF THE BOARD OF DIRECTORS  
OF THE IRVINE RANCH WATER DISTRICT  
COMMENDING MR. LAURENCE R. LIZOTTE  
FOR HIS YEARS OF DEDICATED SERVICE TO  
MOULTON NIGUEL WATER DISTRICT

LIST OF EXHIBITS:

Exhibit "A" - Resolution

**EXHIBIT "A"**

**RESOLUTION NO. 2015-**

**RESOLUTION OF THE BOARD OF DIRECTORS OF  
IRVINE RANCH WATER DISTRICT COMMENDING  
MR. LAURENCE (LARRY) R. LIZOTTE FOR HIS SERVICE  
TO MOULTON NIGUEL WATER DISTRICT**

WHEREAS, Mr. Laurence R. Lizotte has dedicated 45 years of service to the Moulton Niguel Water District Board of Directors, 33 years of which he served as the Board President; and

WHEREAS, in addition to his service on the Moulton Niguel Water District Board of Directors, Mr. Laurence R. Lizotte serves on the Board of Directors for South Orange County Wastewater Authority; and

WHEREAS, Mr. Laurence R. Lizotte has previously served on the boards of Aliso Wastewater Management Authority, South East Regional Reclamation Authority, and South Orange County Reclamation Authority; and

WHEREAS, Mr. Laurence R. Lizotte continues to campaign for prudent policies that provide the public with the highest quality water in the most economical manner.

NOW, THEREFORE, BE IT RESOLVED: The Board of Directors of Irvine Ranch Water District wishes to honor Mr. Laurence R. Lizotte for his outstanding contributions and dedication to the water industry, his exemplary leadership during his tenure on the Moulton Niguel Water District Board of Directors, and for his devoted service to Southern California.

ADOPTED, SIGNED AND APPROVED this 12<sup>th</sup> day of October, 2015.

\_\_\_\_\_  
President, IRVINE RANCH WATER DISTRICT  
and of the Board of Directors thereof

\_\_\_\_\_  
Secretary, IRVINE RANCH WATER DISTRICT  
and of the Board of Directors thereof

APPROVED AS TO FORM:  
BOWIE, ARNESON, WILES & GIANNONE  
Legal Counsel - IRWD

By: \_\_\_\_\_

October 5, 2015

Prepared by: F. Sanchez

Submitted by: P. Weghorst

Approved by: Paul Cook 

## WATER RESOURCES POLICY AND COMMUNICATIONS COMMITTEE

### WATER SUPPLY RELIABILITY STUDY BUDGET INCREASE

#### SUMMARY:

On December 15, 2014, the Board approved a Professional Services Agreement with HDR Engineering, Inc. to update the District's 2008 Water Supply Reliability Study. The update will include evaluation of impacts of various supply and system interruption scenarios and will include development of enhanced modeling tools. Staff has determined that additional work is needed to update the study beyond the original scope of work and that a budget increase is needed to facilitate the work. Staff recommends that the Board authorize a budget increase to the FY 2015-16 Capital Budget in the amount of \$72,500 for project 11808 (6013).

#### BACKGROUND:

Consultants at CDM prepared a Water Supply Reliability Study for IRWD in 2008 to assist in defining potable water supply and system reliability under different scenarios. The study included analysis of how import supply shortages, climate change, facility outages and earthquake-related emergencies could affect demands, supplies and major conveyance facilities in IRWD's service area.

Since 2008, IRWD has implemented new projects that affect the need for the development of additional supplies that were identified in the 2008 study. There have also been significant changes in the potential reliability of supplies from both the State Water Project and the Colorado River. To facilitate the preparation of an update to the Water Supply Reliability Study, the Board approved a Professional Services Agreement with HDR on December 15, 2014. HDR's scope of work includes the following:

- Evaluation of the impacts of various water supply and system interruption scenarios;
- Development of enhanced software tools to assist in demand predictions and scenario evaluations;
- Evaluation of uncertainties associated with the proposed California Water Fix;
- Identifying impacts associated with potential Sacramento-San Joaquin River Delta levee failures;
- Consideration of the potential for long-term drought on the Colorado River;
- Assessment of the impacts of potential failure of the Edmonston Pumping Plant;
- Analysis of potential reductions in flows available for recharge in the Orange County Groundwater Basin; and
- Development of a model that will predict scenario impacts within IRWD's potable water system.

To enhance HDR's update to the Water Supply Reliability Study, staff has determined that additional work is required that was not included in HDR's original scope of work. Following is a description of this additional work and associated variance that has been prepared to HDR's Professional Services Agreement.

Consultant Agreement Variance No. 1:

To facilitate additional work that is necessary to complete the Water Supply Reliability Study, HDR has prepared the variance and scope of work that is attached as Exhibit "A". The scope of the work and associated costs were negotiated by staff and are considered fair and reasonable. The revised scope of work and variance extend the project schedule by five months to January 2016. The additional work to be performed by HDR is summarized as follows:

*Additional Project Management:*

The variance includes additional project management requirements to align IRWD's Water Supply Reliability Study with information being developed by the Municipal Water District of Orange County (MWDOC) for its Orange County Reliability Study as well as information being developed by Metropolitan Water District of Southern California (Metropolitan) for its Integrated Resources Plan update. Included are two additional meetings that are needed to further coordinate with Metropolitan and MWDOC. The variance also includes additional project management time to accommodate weekly conference calls requested by staff.

*Demand Tool Workshop:*

The revised scope of work includes a requirement to conduct an additional workshop to provide input to HDR relative to the Demand Tool that is being developed for the Water Supply Reliability Study. This workshop will allow staff to work with HDR to define requirements for the tool that will assist in making demand predictions associated with each supply and system reliability scenario.

*Characterizing Supply Sources:*

A workshop is included that will allow HDR and staff to discuss the complexity of the Orange County Groundwater Basin supply sources and to conceptualize how the Orange County Groundwater Basin will be simulated in the model that is being developed to evaluate each supply and system reliability scenario.

*Scenario Planning:*

As part of the revised scope of work, staff has requested additional work for HDR to prepare for the scenario planning workshop to be held with IRWD staff and various technical experts. A follow-up meeting to advance the discussion and to develop scenario specific parameters for use of the model is also included. Staff has also requested additional coordination with HDR technical experts on regional water supply issues.

*Model Analysis:*

Based on the results of the scenario planning workshops, staff has requested that HDR include one additional scenario in the preparation of the updated Water Supply Reliability Study. This request will allow the evaluation of multiple levels of uncertainties in future Colorado River flows. As a result of this request there will be 11 scenarios evaluated in the study.

To facilitate the above described work, an increase in the FY 2015-16 Capital Budget for the study is needed. Staff recommends that the Board authorize a budget increase for the study in the amount of \$72,500.

FISCAL IMPACTS:

Project 11808 (6013) is included in the FY 2015-16 Capital Budget. Staff requests a budget increase to Project 11808 (6013) in the amount of \$72,500 as shown below. Variance No. 1 with HDR in the amount of \$59,993 to complete the update to the Water Reliability Study will be executed under the authority of the Executive Director of Water Policy. Staff time to support these tasks and an allocation for contingency are included in the budget request.

| Project<br>No. | Current<br>Budget | Addition | Total<br>Budget |
|----------------|-------------------|----------|-----------------|
| 11808 (6013)   | \$496,900         | \$72,500 | \$569,400       |

ENVIRONMENTAL COMPLIANCE:

This study is exempt from the California Environmental Quality Act (CEQA) as authorized under the California Code of Regulations, Title 14, Chapter 3, Section 15262, which provides exemption for planning studies.

RECOMMENDATION:

That the Board authorize a budget increase to the FY 2015-16 Capital Budget in the amount of \$72,500 for project 11808 (6013).

LIST OF EXHIBITS:

Exhibit "A" – HDR Water Reliability Study Scope of Work for Variance No. 1

# EXHIBIT "A"

## IRVINE RANCH WATER DISTRICT

### PROFESSIONAL SERVICES VARIANCE

Project Title: Water Reliability Study

Project No.: 11808 (6013)

Date: September 23, 2015

Purchase Order No.: 5222695

Variance No.: 1

Originator:     ☐ IRWD     ☒ ENGINEER/CONSULTANT     ☐ Other (Explain) \_\_\_\_\_

Description of Variance (*attach any back-up material*):

Schedule and Cost Variance to extend final report deadline to January 2016 and modify scope to include additional workshops, meetings and coordination with IRWD staff and local agencies. See attachment.

Engineering & Management Cost Impact:

| Classification                                      | Manhours | Billing Rate | Labor \$ | Direct Costs | Subcon. \$ | Total \$ |
|-----------------------------------------------------|----------|--------------|----------|--------------|------------|----------|
| See Attachment for scope of work and cost estimate. |          |              | \$43,834 | \$2,559      | \$13,600   | \$59,993 |
|                                                     |          |              |          |              |            |          |
|                                                     |          |              |          |              |            |          |
|                                                     |          |              |          |              |            |          |
| Total \$=                                           |          |              |          |              |            | \$59,993 |

Schedule Impact:

| Task No. | Task Description                             | Original Schedule | Schedule Variance | New Schedule         |
|----------|----------------------------------------------|-------------------|-------------------|----------------------|
| 6        | Preliminary Recommendations (Board Workshop) | August 2015       | 4 months          | Complete by 12/31/15 |
| 8        | Final Report Deliverables                    | August 2015       | 5 months          | Complete by 1/31/16  |

Required Approval Determination:

|                                                    |                    |                                                                                                                       |
|----------------------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------|
| Total Original Contract                            | \$ <u>376,800</u>  | <input type="checkbox"/> Director: Cumulative total of Variances less than or equal to \$50,000.                      |
| Previous Variances \$                              | <u>0</u>           |                                                                                                                       |
| This Variance                                      | \$ <u>\$59,993</u> | <input checked="" type="checkbox"/> Executive Director: Cumulative total of Variances less than or equal to \$75,000. |
| Total Sum of Variances                             | \$ <u>0</u>        |                                                                                                                       |
| New Contract Amount                                | \$ <u>436,793</u>  | <input type="checkbox"/> General Manager: Cumulative total of Variances less than or equal to \$100,000.              |
| Percentage of Total Variances to Original Contract | <u>15.9%</u>       | <input type="checkbox"/> Board: Cumulative total of Variances greater than \$100,000.                                 |

ENGINEER/CONSULTANT: HDR Engineering, Inc.

IRVINE RANCH WATER DISTRICT

Jennifer Duffy, PE

9/23/15

Project Engineer/Manager

Date

Department Director

Date

K-D 201

9/23/15

Engineer's/Consultant's Management

Date

General Manager/Board

Date

**IRVINE RANCH WATER DISTRICT  
PROFESSIONAL SERVICES VARIANCE REGISTER**

**Project Title:** Water Reliability Study

Project No.: 11808 (6013) Project Manager: Fiona Sanchez

[illegible]

HDR Water Reliability Study  
Project 11808 (6013)  
Variance # 1  
September 23, 2015

Variance No. 1 includes tasks that were or will be undertaken at the request of IRWD staff to enhance the content of the Water Reliability Study and model.

The proposed schedule extension allows for further coordination and incorporation of regional information from MWDOC and MWD, and weekly project coordination meetings.

The revised schedule includes a final draft Report submittal in November, and a presentation to the Board in December or January.

The scope of work for tasks associated with Variance No 1 is included below:

**Task 1 Project Management**

The project management task will be extended through January, accommodating weekly PM conference calls and staff coordination through the completion of the project.

The project management task will also include 2 additional meetings with regional agencies to coordinate reliability modeling efforts.

**Task 2 Demand Add on Tool**

HDR and DCSE staff attended an IRWD Workshop on 2/20/15 to discuss the Demand Forecasting Tool (DFT). IRWD staff requested that this "out of scope" workshop be held so that the different departments could understand and offer input into the proposed Add-On Tool. The workshop discussion focused on what information was needed by District staff from different departments, that could not be easily accessed currently from the DFT, and how that information could be adjusted using the Add On Tool.

**Task 3 Characterize Supply Sources**

HDR and DCSE staff attended an IRWD Workshop on 5/8/15 to discuss the complexity of IRWD's access and agreements regarding its Groundwater Supply source. IRWD requested this workshop which was essential to integrating the information with the IRPDSM model.

**Task 4 Scenario Planning**

IRWD staff requested a pre-meeting to prepare for the Scenario Planning Workshop. The meeting was held on 8/4/15 to discuss the content and objectives of the workshop.

IRWD requested a follow-up Scenario Planning Workshop with IRWD staff, scheduled for 9/10/15, to advance the discussion held on 8/10-11/15 with the HDR technical experts and develop specific parameters for IRPDSM model input.

IRWD requested additional coordination with HDR's Technical Experts for supplementary input and coordination on regional water supply issues. The scope includes an additional 20 hours of Bob Johnson's time, and 16 hours each of Blaine Dwyer and Les Harder's time.

**Task 5 Model Analysis**

IRWD staff requested that HDR's subconsultant, DCSE, provide one additional scenario run, in addition to the 10 runs in the current scope of work. The additional scenario was developed in the Scenario Planning Workshop, for a total of 11 scenarios.

Engineering & Management Cost Impact: \$59,993

| Classification                                               | Manhours | Billing Rate (\$/hr) | Labor (\$)       | Direct Costs (\$) | Subcon. (\$)     | Total           |
|--------------------------------------------------------------|----------|----------------------|------------------|-------------------|------------------|-----------------|
| <b>Task 1 Project Management</b>                             |          |                      | <b>\$ 21,528</b> | <b>\$ 315</b>     | <b>\$ 7,200</b>  | <b>\$29,043</b> |
| Project Management                                           | 60       | 269                  | \$ 16,140        | \$ 225            | \$ 4,800         |                 |
| Coordination Meetings with Regional Wholesale Water Agencies | 12       | 269                  | \$ 3,228         | \$ 45             | \$ 2,400         |                 |
|                                                              | 12       | 180                  | \$ 2,160         | \$ 45             |                  |                 |
| <b>Task 2 Demand Add on Tool</b>                             |          |                      | <b>\$ 1,347</b>  | <b>\$ 23</b>      | <b>\$ 800</b>    | <b>\$ 2,170</b> |
| DIT Workshop 2/20/15                                         | 3        | 269                  | \$ 807           | \$ 11             |                  |                 |
|                                                              | 3        | 180                  | \$ 540           | \$ 11             |                  |                 |
|                                                              |          |                      |                  |                   | \$ 800           |                 |
| <b>Task 3 Characterize Supply Sources</b>                    |          |                      | <b>\$ 1,347</b>  | <b>\$ 23</b>      | <b>\$ 800</b>    | <b>\$ 2,170</b> |
| GW Workshop 5/8/15                                           | 3        | 269                  | \$ 807           | \$ 11             |                  |                 |
|                                                              | 3        | 180                  | \$ 540           | \$ 11             |                  |                 |
|                                                              |          |                      |                  |                   | \$ 800           |                 |
| <b>Task 4 Scenario Planning</b>                              |          |                      | <b>\$ 19,612</b> | <b>\$ 2,199</b>   | <b>\$ -</b>      | <b>\$21,811</b> |
| Scenario Planning Workshop Preparation 8/4/15                | 3        | 269                  | \$ 807           | \$ 11             |                  |                 |
|                                                              | 3        | 294                  | \$ 882           | \$ 11             |                  |                 |
|                                                              | 3        | 150                  | \$ 450           | \$ 11             |                  |                 |
| Followup Scenario Planning Workshop 9/10/15                  | 3        | 269                  | \$ 807           | \$ 11             |                  |                 |
|                                                              | 3        | 294                  | \$ 882           | \$ 11             |                  |                 |
|                                                              | 3        | 150                  | \$ 450           | \$ 11             |                  |                 |
|                                                              | 3        | 250                  | \$ 750           | \$ 11             |                  |                 |
| Additional Coordination with Technical Experts               | 20       | 294                  | \$ 5,880         | \$ 2,000          |                  |                 |
|                                                              | 16       | 294                  | \$ 4,704         | \$ 60             |                  |                 |
|                                                              | 16       | 250                  | \$ 4,000         | \$ 60             |                  |                 |
| <b>Task 5 Model Analysis (one additional scenario run)</b>   |          |                      |                  |                   | <b>\$ 4,800</b>  | <b>\$ 4,800</b> |
| <b>Total</b>                                                 |          |                      | <b>\$ 43,834</b> | <b>\$ 2,559</b>   | <b>\$ 13,600</b> | <b>\$59,993</b> |