

AGENDA
 IRVINE RANCH WATER DISTRICT
 WATER RESOURCES POLICY AND COMMUNICATIONS COMMITTEE
 TUESDAY, APRIL 11, 2017

CALL TO ORDER 8:00 a.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 Tettermer	_____	Christine Compton	_____
	Fiona Sanchez	_____	Amy McNulty	_____
	Paul Weghorst	_____	Kellie Welch	_____
	Ray Bennett	_____	Jo Ann Corey	_____
	_____	_____	_____	_____
	_____	_____	_____	_____

COMMUNICATIONS

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.

INFORMATION

5. UPDATE ON WATER USE EFFICIENCY OUTREACH PROGRAM DEVELOPMENT – BEEMAN/WEGHORST

Recommendation: Receive and file.

6. LICENSING OF SAN DIEGO CREEK WATER RIGHTS – COREY/WELCH/SANCHEZ/WEGHORST

Receive and file.

7. UPDATE ON ACWA STORAGE INTEGRATION STUDY - WEGHORST

Recommendation: Receive and file

ACTION

8. 2017 LEGISLATIVE UPDATE – COMPTON

Recommendation: That the Board adopt a “Seek Amendments” position on SB 525 (Dodd) and authorize the District to move to an “Oppose Unless Amended” position on the bill should suitable amendments not be obtained.

9. PILOT COMMERCIAL TOILET REBATE PROGRAM – SEESANGRIT/MCNULTY/SANCHEZ/WEGHORST

Recommendation: Staff recommends that the Committee provide feedback on the implementation of the Pilot Commercial Toilet Rebate Program and the proposed \$300 incentive for each 1.28 gpf toilet installed.

10. COMMERCIAL LANDSCAPE IRRIGATION IMPROVEMENT INCENTIVE PROGRAM – GARCIA/MCNULTY/SANCHEZ/WEGHORST

Recommendation: Staff recommends that the Committee provide feedback on the implementation of the Commercial Landscape Irrigation Improvement Program and on the proposed incentive of \$2,000 per site.

OTHER BUSINESS

- 11. A. Directors’ Comments
- B. Adjourn

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.

April 11, 2017

Prepared by: B. Beeman

Submitted by: P. Weghorst

Approved by: Paul Cook



WATER RESOURCES POLICY AND COMMUNICATIONS COMMITTEE

UPDATE ON WATER USE EFFICIENCY OUTREACH PROGRAM DEVELOPMENT

SUMMARY:

In July 2017, the Board approved a Professional Services Agreement for the development of an updated water efficiency outreach campaign that incorporates principles and strategies that appeal to the public while not being contingent on drought messaging. Staff has been working with the selected consultants to develop the outreach campaign. The goal of these efforts is to educate customers on efficient water use that results in permanent behavior change. As part of these efforts, four customer focus groups have been conducted. At the Committee meeting, staff will present the key findings of these focus groups.

BACKGROUND:

While the recent drought caused an urgent need to experience immediate water savings, IRWD has shifted gears from urgency-based water use efficiency efforts to an outreach program that communicates the value of water and permanently promotes water use efficiency. In July 2017, the Board approved a Professional Services agreement with Suple Advertising & Design (Suple) to develop an updated water use efficiency outreach program. Staff executed an agreement with Suple and the first two phases of the updated outreach program development have been completed:

- A *Discovery Phase* that brought the knowledge and thinking of Suple and IRWD staff together; and
- A *Customer Research Phase* that will coordinate efforts between the District's current opinion, research and strategy firm, Fairbank, Maslin, Maullin, Metz & Associates (FM3) and Suple.

As part of these efforts, four customer focus groups have been conducted. The focus groups were primarily designed to assist in the development of a communications strategy to increase customers' long-term water efficiency. The focus group work included four sessions with customers who stay within their monthly water budget as well as customers who regularly use more water than their monthly water budget. At the Committee meeting, staff will present the key findings of these focus group sessions.

Next Steps:

The results of the current focus groups, along with accumulated knowledge obtained from previous research efforts with FM3, will be used to complete the next two phases in the development of the outreach campaign including:

- A *Message Strategy Development Phase* that will take the information learned from the first two phases and crystallize it into a simple articulate message strategy; and
- A *Creative Development Phase* where Sukle will develop a creative brief that presents three distinct creative directions with multiple execution proposals which will culminate in a selected message.

Staff anticipates returning to the Committee with an update on progress associated with these phases in June 2017.

FISCAL IMPACTS:

Funding for this effort is included in the FY 2016-17 operating budget.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

RECOMMENDATION:

Receive and file.


LIST OF EXHIBITS:

None.

April 11, 2017

Prepared by: J. Corey/K. Welch

Submitted by: F. Sanchez/P. Weghorst

Approved by: Paul Cook 

WATER RESOURCES POLICY AND COMMUNICATIONS COMMITTEE

LICENSING OF SAN DIEGO CREEK WATER RIGHTS

SUMMARY:

Irvine Ranch Water District diverts surface water from San Diego Creek to the San Joaquin Marsh for irrigation of wetland habitat and wildlife enhancements. Under a permit issued by the State Water Resources Control Board in 1998, IRWD has the right to divert and put the water to beneficial use in accordance with certain terms and a time schedule to develop the Marsh. The next step in the process of perfecting IRWD's San Diego Creek water right is for IRWD to license the right with the State Board. Prior to licensing, changes to IRWD's permit are recommended to better reflect the current operations of the Marsh. At the Committee meeting, staff will present the proposed permit modifications as well as the next steps associated with licensing the water right.

BACKGROUND:

The water right licensing process under the State Board's Division of Water Rights has three steps: 1) Submit a water right application; 2) Obtain a permit; and 3) Obtain a license. In April 1997, IRWD filed an application to appropriate water by permit with the State Board. In November 1998, IRWD received authorization under Permit 20979 to divert and use water from San Diego Creek for the purpose of wildlife enhancement and irrigation of habitat within the constructed wetlands of the Marsh.

San Diego Creek Permit Conditions:

IRWD's Permit includes conditions that the appropriated water be limited to the quantity that can be beneficially used within a 140-acre designated area. The Permit also authorizes a maximum diversion rate of five cubic feet per second (cfs), and an annual maximum diversion of 3,600 acre-feet (AF). The Permit specifies a development schedule for IRWD to complete construction of the Marsh and to establish beneficial use of the water by December 31, 2007. The construction of the Marsh was completed in 1998 and the Permit has since then been maximized by putting 3,600 AF per year to beneficial use. The next step is to proceed with licensing of the water right with the State Board.

Preparing for Licensing:

In preparation for licensing, staff contracted with water rights consultants at Stetson Engineering, Inc. (Stetson) to conduct the following work:

- Perform an assessment of IRWD's historical diversions under the Permit;
- Evaluate whether the Permit may be applied to other beneficial uses; and
- Determine whether the Permit requires modifications prior to licensing to reflect existing operations which differ from the Permit conditions.

Assessment Results:

Stetson completed its assessment of IRWD's diversions and has concluded that, in compliance with the Permit requirements, IRWD has submitted annual progress reports to the State Board that provided information on the monthly diversions and water use, maximum rates of diversion, and the status of the project with regard to the full beneficial use of the San Diego Creek.

Stetson has evaluated the potential for expanding the purpose of use under the Permit to include diversions to the Michelson Water Recycling Plant (MWRP) which could augment recycled water production. Stetson found that even though the demand for recycled water at MWRP exists, changes to the Permit's purpose of use would result in impacts to the San Diego Creek downstream of the Marsh. In addition, elevated total dissolved solids concentrations and other constituents in the San Diego Creek water would require treatment using methods that are not currently available at the MWRP.

Recommended Changes to Permit:

Stetson has determined that the existing operations of the Marsh do not currently conform to the operational related terms of the Permit. In order to provide IRWD with continued operational flexibility, Stetson recommends that IRWD file a *Change Petition to the Permit* concurrent with a request for licensing. Changing the terms of the Permit to conform to current operations will assure successful licensing of the existing operations. Attached as Exhibit "A" is a letter prepared by Stetson containing its recommendations for requesting changes to the Permit as well as a summary of its evaluation of expanding the purpose of use of the existing Permit. In the letter, Stetson recommends modifying the following terms of the Permit:

Place of Use:

The Permit allows San Diego Creek water to be used within 140 acres of the Marsh including 67 acres of constructed wetlands for wildlife enhancement and for irrigation of 73 acres of riparian mitigation area adjacent to MWRP. Stetson recommends changing the Place of Use to include both the originally permitted 140 acres of the Marsh and the broader Marsh, which includes other riparian mitigation areas and the University of California Natural Reserve System (UCNRS) marsh, totaling 500 acres. Expansion of the Place of Use will increase IRWD's operational flexibility to provide water to the UCNRS, as available, without increasing diversions from San Diego Creek. A priority of water deliveries to the San Joaquin Marsh can be maintained by executing a separate agreement between IRWD and UCNRS to provide water, at IRWD's discretion, based on hydrologic conditions and measured storm runoff.

Rate of Diversion:

Stetson recommends changing the rate of diversion from 5 cfs to 13.3 cfs to reflect the current pump capacity that has been designed and installed at the diversion point from San Diego Creek. This change in instantaneous rate will also support pumping during off-peak hours and will increase IRWD's operational flexibility, and reflect current practices.

Completion Date:

The Permit specifies a development schedule for IRWD to complete construction of the Marsh and to establish beneficial use of San Diego Creek water by December 31, 2007. Stetson recommends that IRWD request revising this completion date to December 31, 2017. This revision will support licensing of the Permit by relying on water diverted after 2007.

Next Steps:

Environmental documentation that complies with the California Environmental Quality Act (CEQA) will be required for the recommended Place of Use and Rate of Diversion related changes to the Permit. Staff will task one of the District's on-call CEQA consultants to prepare the necessary environmental compliance document for these changes. Preliminary analysis indicates that a Negative Declaration would likely be required for the project which staff will present to the full Board of Directors following completion of the environmental review.

Staff will work with the University of California Irvine to develop terms that would allow IRWD, at its sole discretion, the ability deliver water to the UCNRS marsh based on hydrologic conditions and measured storm water runoff. Once the environmental documentation has been completed and an agreement with UCI has been executed, staff will file the *Change Petition to the Permit* along with a *Request for Licensing* with the State Board. Per Stetson's recommendations, the concurrent filing of these documents will assist the State Board in its review and will help to lessen time delays while it conducts a review of the site facilities.

FISCAL IMPACTS:

Sufficient funds exist in the Operations Budget to cover the cost of preparing environmental documentation for the Place of Use, Rate of Diversion and Completion Date related changes to the Permit.

ENVIRONMENTAL COMPLIANCE:

This project is subject to CEQA. In conformance with the California Code of Regulations Title 14, Chapter 3, Section 15004, the appropriate environmental document will be prepared when "meaningful information" becomes available. It is anticipated that preliminary analysis will lead to the preparation of a Negative Declaration for the project.

RECOMMENDATION:

Receive and file.

LIST OF EXHIBITS:

Exhibit "A" – Recommendations Memo: Stetson Engineering, Inc.

EXHIBIT "A"



785 Grand Avenue, Suite 202 • Carlsbad, California 92008
Phone: (760) 730-0701 • FAX: (415) 457-1638 • Web site: www.stetsonengineers.com

Northern California • Southern California • Arizona • Colorado

2478-003

March 20, 2017

Ms. Fiona Sanchez
Director of Water Resources
Irvine Ranch Water District
15600 Sand Canyon Avenue
Irvine, California 92618

Re: Recommended Changes to Permit 20979 to Support San Joaquin Marsh Operations

Dear Ms. Sanchez:

Stetson Engineers performed an assessment of Permit 20979 and San Joaquin Marsh operations that was described in our Final Draft Technical Memorandum 1.0 (Draft TM 1.0) dated January 13, 2017. Based on the assessment of historical and current operations at the San Joaquin Marsh, changes to Permit 20979 are recommended so that current practices are reflected in the permit prior to licensing. Additionally, we reviewed the historical operations under Permit 20979 in order to assess whether all requirements have been met prior to licensing. Finally, Stetson Engineers reviewed the expansion of Permit 20979 to include recycled water use within Irvine Ranch Water District's (IRWD) service boundary. Our recommendations to change, move to license, and expand Permit 20979 are described separately below.

Recommended Changes to Permit 20979

The existing operations of the San Joaquin Marsh do not currently conform to the terms of Permit 20979. In order to provide IRWD with operational flexibility and meet the requirements of Permit 20979 prior to licensing, Stetson Engineers recommends a change petition should be filed with the State Water Resources Control Board (SWRCB). Changing the terms of Permit 20979 to conform to current operations will assure successful licensing of the existing operations.

Changes to a SWRCB permit are achieved by filing a change petition that identifies each term of the permit that requires a change. Results of our assessment of Permit 20979 identifies the following changes that should be requested:

(1) Permit Term 4 – Place of Use

A change in the place of use should be requested for the San Joaquin Marsh area that includes the originally permitted 140 acres of the San Joaquin Marsh plus the broader San Joaquin Marsh which includes the University of California Natural

Reserve System (UCNRS) and the riparian mitigation areas. Expanding the permitted place of use from 140 acres to include the broader San Joaquin Marsh and UCNRS will provide flexibility in the use of water, align the operations with the permit, and support licensing.

Expansion of the Place of Use will increase IRWD's operational flexibility to provide water to the UCNRS without increasing diversions from San Diego Creek. The priority of water deliveries to the San Joaquin Marsh can be maintained by IRWD by executing a separate delivery agreement with the UCNRS to provide water based on hydrologic conditions and measured stormwater runoff.

(2) Permit Term 5 – Rate of Diversion

The instantaneous rate of diversion should be changed from 5 cfs to reflect the 13.3 cfs pump capacity that has been designed and installed in the San Diego Creek. The change in the rate of diversion will support pumping during off-peak hours and allow conformance with the Permit and eventual licensing.

The existing pumping facilities and their operation plan should be reflected in the water rights permit in order to proceed to licensing. The proposed change will increase IRWD's operational flexibility, reflect current practices, and not impact downstream water availability.

(3) Permit Term 9 – Complete Application of Water to Authorize Use

The time to complete the application of water to authorize use should be changed from December 31, 2007 to December 31, 2017 to support licensing of the permit by relying on water diverted after 2007.

Environmental documentation under CEQA will be required for environmental compliance regarding the changes to the Place of Use and Rate of Diversion. Changes to the permit may be requested through submittal of a Petition For Change Form available from the SWRCB. The petition for change requires submittal of an Environmental Information form that may be completed using existing data and information developed under CEQA.

Recommendation to Request Licensing of Permit 20979

Stetson Engineers recommends IRWD concurrently files the change petition to Permit 20979 and the request for licensing. Failure to file a change petition would likely impede the SWRCB's ability to issue a license and result in a time delay or conflict during SWRCB inspection of the facilities. Modifications requested in the Petition for Change will be reviewed

Ms. Fiona Sanchez
March 20, 2017
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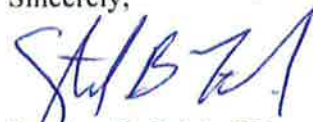
during licensing. Request for licensing is made by notifying the SWRCB that the permitted project is complete and reading for licensing.

Recommendation to Expand Purpose of Use under Permit 20979

Stetson Engineers does not recommend expanding Permit 20979 to include recycled water as a purpose of use. Although the demand for recycled water supply at the Michelson Water Recycling Plant exists, changes to Permit 20979's Purpose of Use (Permit Term 3) would result in impacts to San Diego Creek downstream of the San Joaquin Marsh. Additionally, elevated Total Dissolved Salt concentration and other constituents in the San Joaquin Marsh would require water treatment not currently available at the Michelson Water Recycling Plant. If the Purpose of Use were to be expanded to include recycling, changes in downstream streamflow would result and trigger: 1) Public notification of changes to Permit 20979; and 2) CEQA review requiring an in-stream flow study.

Thank you for the opportunity to assess the operations of the San Joaquin Marsh and diversions from San Diego Creek under Permit 20979. We look forward to answering any questions you might have regarding our recommendations.


Sincerely,



Stephen B. Reich, PE
Principal

April 11, 2017

Submitted by: P. Weghorst

Approved by: Paul Cook 

WATER RESOURCES POLICY AND COMMUNICATIONS COMMITTEE

UPDATE ON ACWA STORAGE INTEGRATION STUDY

SUMMARY:

The Association of California Water Agencies (ACWA) has formed a Water Storage Integration Work Group that will, with the assistance of consultants, help inform decision-making related to developing water storage projects in California. Staff has been an active participant in the Work Group and IRWD has helped fund ACWA's efforts. Provided is an overview of technical work that has been performed with the oversight of the working group to evaluate water supply benefits that could be derived from integrating the operations of new and existing storage projects. At the Committee meeting, staff will describe preliminary findings associated with storage integration. Staff will also describe the potential for the implementation of a new water banking project in the Kern Fan Area that is consistent with the integration study and that could possibly qualify for Proposition 1 funding.

BACKGROUND:

Staff has been participating in the ACWA Water Storage Integration Work Group which has undertaken an effort to inform decision-making for developing water storage projects in California. To facilitate the effort, ACWA has contracted with MBK Engineers to conduct a study to define and quantify the benefits of integrating the operation of new storage projects with the existing State Water Project (SWP) and Central Valley Project (CVP). IRWD, Rosedale-Rio Bravo Water Storage District (Rosedale) and other water agencies throughout the state have cost shared MBK's study in the amount of \$30,000 per agency.

Draft Technical Report:

Consultants at MBK are preparing a draft technical report that summarizes their analyses of storage integration. Staff is assisting ACWA and MBK in editing the draft report prior to the public release of the document. In the report, MBK presents findings as to how the integration of new storage projects with the operations of the SWP and CVP would significantly help fulfill statewide water supply needs and priorities. The technical report will describe the proposed new storage projects, how the projects may be integrated with existing water storage and conveyance infrastructure, and analytical results that quantify the potential benefits. The analytical results that will be presented in the report are based on CalSim II and other spreadsheet modeling efforts. ACWA expects to release the report for public review in mid-May.

New Storage Projects:

The potential new storage projects considered in MBK's technical analyses are listed below:

- Centennial Reservoir;
- Sites Reservoir;

- American River Conjunctive Management;
- Los Vaqueros Reservoir Enlargement;
- San Luis Reservoir Enlargement;
- Temperance Flat Reservoir;
- Tulare Lake Storage and Floodwater Protection Project; and
- Groundwater Storage in the Kern Fan Area.

The combined storage capacity of the proposed new storage projects included in the study is about 3.5 MAF. MBK has analyzed the benefits of improved Delta conveyance in combination with the integration of these storage projects to demonstrate how improved Delta conveyance capability could increase the benefits of integrating the operations of the potential new storage projects with the SWP and CVP systems.

Integration Benefits:

Each proposed new storage project will have its own unique geographic location, hydrology, connections to California's water system, and operational opportunities. Some projects would be best at regulating the timing of water supplies within a year, while others would be best at regulating supplies over multiple years.

Preliminary Findings:

Preliminary findings of MBK's modeling work were presented to the ACWA Board of Directors on March 31, 2017. These findings are summarized below:

- Average annual surplus in the Delta watershed is about 10 million acre feet (MAF);
- Integration of new storage projects will yield system flexibility with respect to the timing and coordination of benefits;
- Increased storage capacity would allow for the capture of surplus flows resulting in an increase in combined average annual reservoir carryover storage of nearly 1.9 MAF;
- Integrated storage operations would increase water deliveries on average by 0.4 MAF per year, by over 0.7 MAF in dry years and by almost 0.45 MAF in critically dry years;
- Improved Delta conveyance in combination with the integration of the new storage projects would result in increased water deliveries on average of over 0.8 MAF per year;
- Integrating new storage projects would enhance conjunctive use of surface water and groundwater;
- Increasing surface water capture and delivery would reduce demands for groundwater and increase groundwater storage on average by 0.25 MAF per year; and
- Increased carryover storage would provide multiple operational benefits that would provide for improved fishery management, improved wildlife habitat, new recreational benefits, increased hydropower generation and increasing water supply reliability.

Groundwater Storage in Kern Fan Area:

Integrating groundwater storage in the Kern Fan Area with the operations of new and existing storage projects is a storage concept proposed by Rosedale and IRWD that is included in MBK's technical report. The concept would integrate the operation of SWP/CVP surface reservoirs with groundwater banking projects in the Kern River Fan Area through the implementation of long-term exchange programs that would provide wide ranging benefits. This project would aim to utilize available groundwater storage capacity in new or existing Kern Fan Area water banks to capture surplus and/or regulated flows in the SWP/CVP systems that would help balance the demand between North and South-of-Delta and optimize the use of storage. The project would increase SWP and CVP contractor yields, improve supply reliability, increase drought resiliency, expand the conjunctive use of water, increase groundwater storage levels, facilitate the objectives of the Integrated Regional Water Management Plans and reduce reliance on the Delta.

Staff is working with MBK and ACWA to incorporate a qualitative analysis of integrating groundwater storage in the Kern Fan Area with the other new and existing storage projects. Staff will update the Committee at a later date on the results of the qualitative analysis.

Opportunity for Proposition 1 Funding:

Staff is currently evaluating the opportunity for IRWD and Rosedale to jointly submit an application for Proposition 1 funding for a new water banking project as contemplated in the Final Environmental Impact Report for the Stockdale Integrated Banking Project. Such a project could derive benefits from the integration of new storage projects as described above. In the near future, staff will be presenting findings related to this opportunity to the Supply Reliability Programs Committee.

FISCAL IMPACTS:

None.

ENVIRONMENTAL COMPLIANCE:


This Storage Integration 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:

Receive and file.

LIST OF EXHIBITS:

None.

April 11, 2017
Prepared and
submitted by: C. Compton
Approved by: Paul Cook 

WATER RESOURCES POLICY AND COMMUNICATIONS COMMITTEE

2017 LEGISLATIVE UPDATE

SUMMARY:

This report provides an update on the 2017-2018 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 consider the following action/position:

- *SB 252 (Dodd, D-Napa): Water Wells* — “SEEK AMENDMENTS” and authorize the District to move to an “OPPOSE UNLESS AMENDED” position should suitable amendments not be obtained.

BACKGROUND:

Over the last few weeks, many of the spot bills which were introduced have been or are in the process of being amended as their authors seek to have the bills referred to and heard in the appropriate policy committee. This year, the last day for policy committees to hear fiscal bills is April 28, while May 12 is the policy committee deadline for non-fiscal bills. The last day for fiscal committees to meet and act on bills introduced in their house is May 26.

As authors move their bills forward, they will need to keep in mind the Legislative Spring Recess. This year, the Legislature recessed for the spring break on April 6. It will reconvene on April 17.

A copy of the 2017 Legislative Matrix is attached as Exhibit “A”. Exhibit “B” is the 2017 Legislative Update Report Links to Bill Texts, which contains links to the bills discussed below, unless a separate exhibit is noted.

State Budget Update:

March State Revenue Numbers Released:

Given the political implications that State revenues and the State’s fiscal outlook can have on local government, staff continues to monitor the State’s revenue and budget situation. On or around April 10, 2017, State Controller Betty Yee will release her monthly report on the State’s finances. Staff will provide an update on that report to the Committee if it has been released to the public.

2017 State Legislation and Regulatory Actions:

SB 252 (Dodd, D-Napa)- Water Wells:

SB 252, authored by Senator Bill Dodd (D-Napa), would require a city or county overlying a critically overdrafted groundwater basin to establish a well permitting process for new groundwater wells. Specifically, the bill would require that certain information about the well, as outlined below, be provided to the city or county as part of the permitting process, and that a public notice, comment period and public hearing be held prior to the city or county issuing a well permit.

Under SB 252, an applicant for a new well permit in a critically overdrafted basin would be required to:

- Verify that the applicant understands, and has informed its lenders, that the extraction of groundwater from the well may not be used as evidence of or in defense against any claim of prescription in the groundwater basin between January 1, 2015, and the date a groundwater sustainability plan has been adopted for the basin;
- Agree that if the basin's groundwater sustainability agency finds that the new well contributes to an undesirable result that the applicant will cease production of groundwater from the well unless it contributes to an offset or takes another course of action as determined by the groundwater sustainability agency;
- Notify all adjacent landowners of the application for the well permit, where the application can be reviewed, the details of the public hearing and of the opportunity to provide public comment on the application;
- Include all of the following information about the new well in the application:
 - A map of the location, as well as information including, but not limited to, the global positioning system coordinates and elevation of the proposed well;
 - The proposed well depth;
 - The proposed well's capacity, estimated pumping rate, anticipated pumping schedule, and estimated annual extraction volume;
 - The geologic siting information, including, but not limited to, water table depth, seasonal fluctuations, recharge area and rate, if known, and location to flood plain;
 - The distance from structures onsite and on adjacent properties;
 - Distance of the well from ponds, lakes, streams, and wetlands;
 - Any existing wells on the property, including well use, depth, diameter, screen interval, pumping rate, estimated or measured annual extraction volume, and, if available, information on specific capacity or other pumping tests completed;

- For a well below Corcoran clay, the location of infrastructure sensitive to subsidence within two miles, including, but not limited to, canals, ditches, pipelines, utility corridors, and roads;
- The estimated cumulative extraction volume before January 1, 2020, and after a period of 20 years;
- The size in acres of the area to be served by the well and the size in acres of the contiguous owned property on which the well is located; and
- The planned category of water use, such as irrigation, stock, domestic, municipal, industrial, or other.

SB 252 would be applicable to the 21 critically overdrafted groundwater basin in California. The Kern County sub-basin of the San Joaquin Valley Groundwater Basin, the basin in which IRWD's water banking facilities are located, is one of the 21 a critically overdrafted basin. If SB 252 were enacted, the cities and counties in the Kern County sub-basin would be required to follow the new well permitting process outlined in SB 252.

Currently, IRWD is required to obtain a well permit for the wells it proposes to drill in both Kern Counties. Additionally, the District complies with the requirements of the California Environmental Quality Act (CEQA) and has completed an Environmental Impact Report for its water banking operations. The CEQA process requires the District to evaluate the information required by SB 252, amongst other things, and requires that adjacent landowners, interested parties, public agencies, and the general public be notified and provided an opportunity to comment on the CEQA document prior to the document being approved at a public hearing.

SB 252 would require the District to complete a second evaluation and undergo a second public notice, comment period and public hearing for any new wells associated with its water banking activities. As a result, staff has been sought an amendment to SB 252, which would eliminate the need for water banking and conjunctive use projects to duplicate the analysis, information and public review processes already in place for such projects. As of the writing of this report, an amendment to this effect has not yet been obtained.

Staff recommends that the Board adopt a "seek amendments" position on the bill, and authorize the District to move to an "oppose unless amended" position should suitable amendments not be obtained.

Long-Term Water-Use Efficiency Framework:

Since the beginning of the year staff has continued to work with various stakeholders and the Association of California Water Agencies (ACWA) on the long-term water use efficiency framework. Because legislation will be needed to implement significant portions of the long-term water use efficiency framework, the ACWA State Legislative Committee developed a working group on the framework, which was assigned the task of drafting legislative language to implemented framework as supported by ACWA and the 113 signatories of the December 19 coalition letter.

As reported to the Board last month, AB 968 and AB 1654, authored by Assemblymember Blanca Rubio (D-West Covina) and co-sponsored by the Sacramento Regional Water Authority and IRWD, are the two legislative vehicles for the long-term water use efficiency framework language developed by ACWA. AB 968 seeks to implement portions of the framework related to establishing water use efficiency targets for 2025, and AB 1654 seeks to implement the portions of the framework related to drought planning, Urban Water Management Plans and Water Shortage Contingency Plans. Both bills have been referred to the Assembly Water, Parks and Wildlife Committee and are expected to be heard on April 25.

In addition to the two bill discussed above, there are also several other bills that may be vehicles for legislation related to the long-term water use efficiency framework. Those bills are AB 869 (Rubio, D-West Covina), AB 1041 (Levine, D-Santa Rosa), AB 1323 (Weber, D-San Diego), AB 1668 (Friedman, D- Burbank), and AB 1669 (Friedman, D-Burbank). These will have also been referred to the Assembly Water, Parks and Wildlife Committee and are expected to be heard on April 25.

Staff will provide an oral update on its efforts related to the long-term water use efficiency framework and the ongoing discussions taking place within the State Capitol regard the framework.

Proposition 218 Reform Efforts:

Since *Capistrano Taxpayers Association, Inc. v. City of San Juan Capistrano*, there has been significant discussion in Sacramento regarding Proposition 218 and tiered water rates. Most recently, Senator Bob Hertzberg (D-Van Nuys) has introduced SCA 4, a constitutional amendment, which is sponsored by ACWA and meant to put forth a constitutional amendment related to lifeline and tiered water rates.

Over the last month, ACWA has continued to work to develop language for SCA 4. Staff will provide an oral update on ACWA's efforts to develop language for the bill, and Senator Hertzberg's preferred approach to the constitutional amendment. Discussions between ACWA and Senator Hertzberg's office are ongoing. Staff will provide an oral update on any new developments related to these discussion and SCA 4.

As in the past, IRWD will continue to communicate the District's concern over any water rate legislation which is not consistent with the California Constitution, not voluntary in nature, or that does not provide sufficient clarity or flexibility to water agencies. Staff will also continue to work with interested parties on issues related to tiered water rates.

Public Goods Charge for Water:

Discussions surrounding the implementation of a public goods charge for water have resurfaced. Building off of the Administration's and the environmental justice community's interests in such a fee, Senator Bill Monning (D- San Luis Obispo) and Senator Bob Hertzberg have authored SB 623 and SB 778, respectively.

SB 623 would establish the Safe and Affordable Drinking Water Fund in the State Treasury. Additionally, SB 623 would provide that moneys in the fund are continuously appropriated to the State Water Resources Control Board for grants, loans, contracts, or services to assist those without access to safe and affordable drinking water consistent with a fund implementation plan to be adopted annually by the State Board. SB 778 would create the Safe Drinking Water Fund in the State Treasury, and would continuously appropriate moneys in the fund for the purposes of contracting with an administrator to provide administrative and managerial services to designated public water systems. The bill would also ordering the designated public water system to accept the administrative and managerial services.

While neither SB 623 nor SB 778 proposed a public goods charge on water, as currently drafted, both authors have indicated their interest in enacting a public goods charge on water. If legislation proposing a public goods charge for water moves forward during the current legislative year, staff will advocate on behalf of the District using the following Board-adopted policy, which was included in the August 1, 2013, Water Resources Funding Policy Principles:

“A statewide user fee should not be imposed. A “user fee” or “beneficiary pays” program should never be a statewide program. If such a fee is necessary, it should only be regionally administered, collected and distributed. Any such fee should be equitably and proportionally based on the project benefits derived by those who are subject to the fee, and “beneficiary” must be clearly defined to ensure a clear legal nexus between financial responsibility and benefits.

- If a statewide water fee or public goods charge is established, it should include an exemption for water providers that have implemented a rate structure that provides a method for collecting revenue dedicated to water conservation projects such as IRWD’s allocation-based conservation rate structure.
- If a statewide fee is established, the challenges local water providers face in setting rates, including Proposition 218 requirements, should be taken into account.”

Staff will provide the Committee with an oral update on any developments related to a public goods charge for water.

FISCAL IMPACTS:

Not applicable.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

RECOMMENDATION:

THAT THE BOARD ADOPT A “SEEK AMENDMENTS” POSITION ON SB 525 (DODD) AND AUTHORIZE THE DISTRICT TO MOVE TO AN “OPPOSE UNLESS AMENDED” POSITION ON THE BILL SHOULD SUITABLE AMENDMENTS NOT BE OBTAINED.

LIST OF EXHIBITS:

Exhibit “A” – IRWD Legislative Matrix

Exhibit “B” – 2017 Legislative Update Report Links to Bill Texts

EXHIBIT "A"
IRWD 2016 LEGISLATIVE MATRIX
Updated 04/04/2017

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
AB 18 Garcia E (D)	Clean Water, Climate, and Coastal Protection Act		Enacts the California Clean Water, Climate, Coastal Protection and Outdoor Access For All Act, which would authorize the issuance of bonds to finance a clean water, climate, and coastal protection and outdoor access for all program. Provides for the submission of these provisions to the voters at the statewide direct primary election.	03/20/2017 - In ASSEMBLY. Read third time, urgency clause adopted. Passed ASSEMBLY. *****To SENATE.
AB 52 Cooper (D)	Public Employee: Orientation And Informational Programs		Requires the public employers regulated by specified acts to provide all employees an orientation and to permit an exclusive representative to participate.	01/19/2017 - To ASSEMBLY Committee on PUBLIC EMPLOYEES, RETIREMENT AND SOCIAL SECURITY.
AB 151 Burke (D)	California Global Warming Solutions Act of 2006		Amends the Global Warming Solutions Act of 2006. Requires the air resources board to prepare and approve a scoping plan for achieving the maximum technologically feasible and cost-effective reductions in greenhouse gas emissions and to update the scoping plan. Requires the state board to report to the Legislature on the need for increased education, career technical education, job training, and workforce development in ensuring that statewide greenhouse gas emissions are reduced by a specified level.	03/02/2017 - To ASSEMBLY Committee on NATURAL RESOURCES.;03/02/2017 - From ASSEMBLY Committee on NATURAL RESOURCES with author's amendments.;03/02/2017 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES.
AB 161 Levine (D)	Department of Finance: Infrastructure Investment		Authorizes the Department of Finance to identify infrastructure projects in the state for which the department will guarantee a rate of return on investment for an investment made in that infrastructure project by the Public Employees' Retirement System.	03/29/2017 - From ASSEMBLY Committee on PUBLIC EMPLOYEES, RETIREMENT AND SOCIAL SECURITY: Do pass to Committee on APPROPRIATIONS.
AB 166 Salas (D)	Safe Drinking Water: Household Filtration Systems		Requires the State Water Resources Control Board to conduct a study on the feasibility and financial stability of a rebate program that would provide a household that is served by a water system that does not meet primary drinking water standards with a rebate for the purchase of a household water filtration system.	03/23/2017 - To ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.;03/23/2017 - From ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS with author's amendments.;03/23/2017 - In

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
				ASSEMBLY. Read second time and amended. Re-referred to Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.
AB 176 Salas (D)	Water Project: Friant-Kern Canal		Appropriates a specified sum from the General Fund for the Reverse Flow Pump-back Facilities on the Friant-Kern Canal Restoration Project. Makes legislative findings and declarations as to the necessity of a special statute for the Friant-Kern Canal.	03/30/2017 - In ASSEMBLY. Coauthors revised.
AB 196 Bigelow (R)	Greenhouse Gas Reduction Fund: Water Supply		Amends the Global Warming Solutions Act, which creates the Greenhouse Gas Reduction Fund and authorizes specified investments, including water use and supply. Authorizes the use of the moneys in the fund for electric pump efficiency, water and wastewater systems, pump and pump motor efficiency improvements, and drinking water transmission and distribution systems' water loss if the investment furthers the regulatory purposes of the act and is consistent with law.	03/21/2017 - From ASSEMBLY Committee on WATER, PARKS AND WILDLIFE: Do pass to Committee on NATURAL RESOURCES.
AB 241 Dababneh (D)	Personal Information: Privacy: State and Local Breach		Relates to state and local breaches of privacy. Requires a state or local agency, if it was the source of a computer breach of information, to provide appropriate identity theft prevention and mitigation services at no cost to a person whose personal information, including social security number, driver license or identification card number.	03/14/2017 - From ASSEMBLY Committee on PRIVACY AND CONSUMER PROTECTION: Do pass to Assembly Committee on APPROPRIATIONS.
AB 277 Mathis (R)	Water and Wastewater Loan and Grant Program		Authorize the State Water Resources Control Board to establish the Water and Wastewater Loan and Grant Program to provide funding to eligible applicants for specified purposes relating to drinking water and wastewater treatment. Authorizes a county or qualified nonprofit organization to apply to the board for a grant to award loans or grants, or both, to an eligible applicant. Authorizes the board to use a specified funding source.	03/27/2017 - From ASSEMBLY Committee on APPROPRIATIONS with author's amendments.;03/27/2017 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
AB 305 Arambula (D)	School Accountability Report Card: Drinking Water		Amends the Classroom Instructional Improvement and Accountability Act to require a specified school accountability report card to include an assessment of the drinking water access points at each school site. Requires the State Department of Education to compile the assessments and transmit them to the State Water Resources Control Board.	02/13/2017 - To ASSEMBLY Committees on EDUCATION and ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.
AB 313 Gray (D)	Water		Revises the qualifications for the membership to the State Water Resources Control Board by eliminating specified requirements for qualification in the field of water rights. Transfers authority over water rights matters from the board to the Department of Water Resources.	02/21/2017 - To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.
AB 321 Mathis (R)	Groundwater Sustainability Plans		Requires a groundwater sustainability agency to solicit the participation of farmers, ranchers, and other qualified professionals within a groundwater basin prior to and during the development and implementation of a specified plan.	02/21/2017 - To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.
AB 408 Chen (R)	Eminent Domain: Final Offer of Compensation		Provides that if a court finds, that the offer of the plaintiff was a certain percentage of the compensation awarded in the eminent domain proceeding, then the court would be required to include the defendant's litigation costs in the costs allowed.	03/20/2017 - From ASSEMBLY Committee on JUDICIARY without further action pursuant to JR 62(a).
AB 429 Grayson (D)	State Water Policy: Water Rights: Use/Transferability		Makes nonsubstantive changes to existing law concerning water policy, water use, rights and transferability of those rights.	02/13/2017 - INTRODUCED.
AB 472 Frazier (D)	Water Transfers: Idled Agricultural Land: Wildlife		Requires the Department of Water Resources to allow nonirrigated cover crops or natural vegetation to remain on idled agricultural lands without penalty to the landowner, unless it is determined that it causes injury to another legal user of water. Requires the Department to establish an incentive program for landowners who cultivate or retain nonirrigated cover crops or natural vegetation on idled agricultural lands to provide waterfowl, upland game bird, and other wildlife habitat.	04/04/2017 - From ASSEMBLY Committee on WATER, PARKS AND WILDLIFE: Do pass to Committee on APPROPRIATIONS.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
<u>AB 474</u> Garcia E (D)	Hazardous Waste: Spent Brine Solutions		Exempts spent brine solutions that are byproducts of the treatment of groundwater to meet California drinking water standards from Hazardous Waste Control Law requirements if certain conditions are met, including that the spent brine solutions are transferred for dewatering via a closed piping system to lined surface impoundments regulated by the California regional water quality control boards.	03/21/2017 - From ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS: Do pass to Committee on APPROPRIATIONS.
<u>AB 494</u> Bloom (D)	Land Use: Accessory Dwelling Units		Amends the Planning and Zoning Law to provide that an accessory dwelling unit may be rented separately from the primary residence. Requires that parking requirements for accessory dwelling units not exceed a certain number. Removes the prohibition on specified offstreet parking where that parking is not allowed anywhere else in the jurisdiction.	03/28/2017 - From ASSEMBLY Committee on HOUSING AND COMMUNITY DEVELOPMENT with author's amendments.;03/28/2017 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on HOUSING AND COMMUNITY DEVELOPMENT.
<u>AB 524</u> Bigelow (R)	Personal Income Tax: Deduction: Remove Dead/Dying Trees		Allows a personal income tax deduction for expenses paid or incurred by a taxpayer in the taxable year in connection with the removal of a dead or dying tree on real property owned by the taxpayer.	04/03/2017 - From ASSEMBLY Committee on REVENUE AND TAXATION: Do pass as amended to Committee on APPROPRIATIONS.
<u>AB 530</u> Cooper (D)	Local Public Employee Labor Relations		Makes nonsubstantive changes to provisions of the Meyers-Milias-Brown Act, which authorizes local public employees to join activities of employee organizations of their own choosing to represent themselves on matters of employer-employee relations.	04/03/2017 - To ASSEMBLY Committee on PUBLIC EMPLOYEES, RETIREMENT AND SOCIAL SECURITY.
<u>AB 551</u> Levine (D)	Political Reform Act of 1974: Postemployment		Amends the Political Reform Act, which prohibits certain elected officials from acting as agents or attorneys for certain persons, and which excludes from that prohibition certain appearances and communications. Removes the exclusion, thereby making an appearance or communication on behalf of an individual's agency subject to a specified one-year prohibition.	03/13/2017 - From ASSEMBLY Committee on ELECTIONS AND REDISTRICTING with author's amendments.;03/13/2017 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on ELECTIONS AND REDISTRICTING.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
AB 554 Cunningham (R)	Desalination: Statewide Goal		Relates to desalination projects and opportunities for state assistance and funding. Establishes a goal to desalinate a specified acre-feet of drinking water per year.	03/27/2017 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 567 Quirk-Silva (D)	School Facilities: Drinking Water Fountains		Requires a school district to ensure that every drinking water fountain at each school under its jurisdiction is equipped with both a water fountain and a spigot, or a combination water fountain and spigot, for filling water bottles.	03/14/2017 - From ASSEMBLY Committee on EDUCATION with author's amendments.;03/14/2017 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on EDUCATION.
AB 574 Quirk (D)	Potable Reuse	SUPPORT	Requires the State Water Resources Control Board to adopt uniform water recycling criteria for potable reuse through raw water augmentation.	03/23/2017 - From ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS with author's amendments.;03/23/2017 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.
AB 577 Caballero (D)	Disadvantaged Communities		Amends existing law which defines a disadvantaged community as a community with an annual median household income that is less than a certain percentage of the statewide annual median household income for various purposes, that include, but are not limited to, the Water Quality, Supply, and Infrastructure Improvement Act of 2014. Expands the definition of disadvantaged community.	03/09/2017 - From ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS with author's amendments.;03/09/2017 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.
AB 594 Irwin (D)	Water Supply Planning: Photovoltaic Energy Facility		Amends existing law which requires a city or county that determines that a project is subject to the California Environmental Quality Act to identify any public water system that may supply water for the project and to request those public water systems to prepare a specified water supply assessment.	02/27/2017 - To ASSEMBLY Committees on WATER, PARKS AND WILDLIFE and LOCAL GOVERNMENT.
AB 672	Utility Services		Amends existing law which authorizes an electrical, gas, or water corporation, or any electrical, gas, or water system operated by a	03/02/2017 - To ASSEMBLY Committee on JUDICIARY.

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Jones-Sawyer (D)			public agency, to bring a civil action for damages against any person who commits, authorizes, solicits, aids, abets, or attempts, among other things, the diversion of utility services by any means. Authorizes the prevailing party to recover actual damages, plus the cost of the suit and reasonable attorney's fees.	
AB 732 Frazier (D)	Levee Maintenance		Extends indefinitely the operation of the authorization to advance funds to reimburse local agencies under a program for the maintenance or improvement of project or nonproject levees. Repeals certain related provisions.	03/23/2017 - To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.;03/23/2017 - From ASSEMBLY Committee on WATER, PARKS AND WILDLIFE with author's amendments.;03/23/2017 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on WATER, PARKS AND WILDLIFE.
AB 791 Frazier (D)	Sacramento-San Joaquin Delta: Conveyance Facility	OPPOSE	Relates to the State Water Project and federal Central Valley Project. Require, before a water contractor enters into a contract to pay for these costs, that the lead agency provide the breakdown of costs for each water contractor entering into a contract and what benefits each contractor will receive based on the proportion it has financed of the proposed conveyance project.	03/21/2017 - From ASSEMBLY Committee on WATER, PARKS AND WILDLIFE with author's amendments.;03/21/2017 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on WATER, PARKS AND WILDLIFE.
AB 792 Frazier (D)	Sacramento-San Joaquin Delta Plan: Certification	OPPOSE	Prohibits the Delta Stewardship Council from granting a certification of consistency with the Sacramento-San Joaquin Delta Plan until the State Water Resources Control Board has completed its update of a specified water quality control plan.	03/28/2017 - From ASSEMBLY Committee on WATER, PARKS AND WILDLIFE with author's amendments.;03/28/2017 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on WATER, PARKS AND WILDLIFE.
AB 793 Frazier (D)	Sacramento-San Joaquin Delta: Financing	OPPOSE	States that the maintenance and repair of the Sacramento-San Joaquin Delta are eligible for the same forms of financing as other water collection and treatment infrastructure and would specify the maintenance and repair activities that are eligible are limited to	03/27/2017 - From ASSEMBLY Committee on WATER, PARKS AND WILDLIFE with author's amendments.;03/27/2017 - In ASSEMBLY. Read second time and

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			certain cleanup and abatement-related restoration and conservation activities.	amended. Re-referred to Committee on WATER, PARKS AND WILDLIFE.
AB 851 Caballero (D)	Local Agency Design-Build Projects		Amends existing law which authorizes a local agency to use the design-build procurement process when contracting for specified public works. Modifies the definition of local agency to include special districts that provide specified types of services, or that operate specified types of facilities. Authorizes the Santa Clara Valley Water District to use the design-build procurement process described above when contracting for the construction of a building or buildings and certain improvements.	03/22/2017 - From ASSEMBLY Committee on LOCAL GOVERNMENT with author's amendments.;03/22/2017 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on LOCAL GOVERNMENT.
AB 869 Rubio (D)	Sustainable Water Use: Recycled Water		Requires recycled water delivered in the service area of an urban retail water supplier or its urban wholesale water supplier for either nonpotable or potable use or that replenishes a groundwater basin and supplements the groundwater supply available to an urban retail water supplier be excluded from the calculation of any urban water use target or reduction in urban per capita water use. States that for these purposes recycled water use is an efficient use of water and would require recycled water use.	03/30/2017 - Re-referred to ASSEMBLY Committees on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS and WATER, PARKS AND WILDLIFE.
AB 884 Levine (D)	Dams and Reservoirs: Inspections		Requires the Department of Water Resources to make annual physical inspections of dams and reservoirs at state expense for the purpose of determining their safety.	03/21/2017 - From ASSEMBLY Committee on WATER, PARKS AND WILDLIFE with author's amendments.;03/21/2017 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on WATER, PARKS AND WILDLIFE.
AB 891 Garcia E (D)	California Communities Environmental Health Screening		Require the State Air Resources Board to include data from certain local air monitoring studies, including certain data on ozone and diesel particulate matter, in a certain report. Requires funds to be allocated to the board and the office to support the continued collection of this data. Requires the board to add air monitoring	03/21/2017 - From ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS: Do pass to Committee on APPROPRIATIONS.

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			stations at additional locations in the California-Mexico border region and to submit a report concerning cross-border pollution.	
AB 898 Frazier (D)	Property Taxation: Revenue Allocation		Reallocates property tax revenue to fire protection services.	04/03/2017 - To ASSEMBLY Committees on LOCAL GOVERNMENT and WATER, PARKS AND WILDLIFE.
AB 947 Gallagher (R)	Fish and Wildlife: Streambed Alteration Agreements		Relates to streambed alteration agreements of the Department of Fish and Wildlife. Defines bank, bed, channel, and river and stream for purposes of provisions requiring certain notification.	04/04/2017 - From ASSEMBLY Committee on WATER, PARKS AND WILDLIFE: Do pass as amended to Committee on APPROPRIATIONS.
AB 967 Gloria (D)	Human Remains Disposal: Alkaline Hydrolysis		Requires a specified bureau to license and regulate hydrolysis facilities. Enacts requirements applicable to hydrolysis facilities substantially similar to those applicable to crematoria. Requires a local registrar of births or deaths to issue permits for the disposition of hydrolyzed remains.	03/02/2017 - To ASSEMBLY Committee on BUSINESS AND PROFESSIONS.
AB 968 Rubio (D)	Retail Water Use: Water Efficiency Targets	CO- SPONSOR & SUPPORT	Requires the Department of Water Resources to submit a report that states preliminary water efficiency targets for each of the state's hydrologic regions with per capita daily water use targets based on and considering specified factors. Requires the department to consult with a representative task force with members designated by the Department.	03/28/2017 - From ASSEMBLY Committee on WATER, PARKS AND WILDLIFE with author's amendments.;03/28/2017 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on WATER, PARKS AND WILDLIFE.
AB 975 Friedman (D)	Natural Resources: Wild and Scenic Rivers		Specifies that certain rivers that possess scenic, recreational, fishery, wildlife, historical, cultural, geological, ecological, hydrological, botanical, or other similar values shall be preserved in their free-flowing state, together with their immediate environments, for the benefit and enjoyment of the people of the state.	03/23/2017 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
AB 1000 Friedman (D)	Water Conservation: Certification		Requires the State Energy Resources Conservation and Development Commission to certify innovative water conservation	03/02/2017 - To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			and water loss detection and control technologies that meet certain criteria.	
AB 1008 McCarty (D)	Employment Discrimination: Prior Criminal History		Provides that it is an unlawful employment practice for an employer to include on any application for employment any question that seeks the disclosure of an applicant's criminal history, to inquire into or consider the conviction history of an applicant until that applicant has received a conditional offer. Sets forth certain requirements for an employer who intends to deny an application solely or in part because of the applicant's prior conviction of a crime.	03/09/2017 - To ASSEMBLY Committee on LABOR AND EMPLOYMENT.
AB 1030 Ting (D)	Energy Storage Systems		Establishes energy policy goals of the state with respect to energy storage. Requires the Public Utility Commission to undertake specified actions with respect to customer- and load-sited energy storage systems in order to achieve those energy policy goals, including a rebate program dedicated to energy storage that carves out a portion of funding for low-income customers and disadvantaged communities.	03/30/2017 - From ASSEMBLY Committee on UTILITIES AND ENERGY with author's amendments.;03/30/2017 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on UTILITIES AND ENERGY.
AB 1041 Levine (D)	Urban Water Suppliers: Urban Water Shortage		Requires an estimate of the minimum water supply available during each of the following 5 years to be based on the driest 5-year historic sequence for the agency's water supply. Requires stages of action to be undertaken by the urban water supplier in response to specified percentage reductions in water supply.	03/06/2017 - To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.
AB 1050 Allen T (R)	Endangered Species Act: Delta Smelt		Requires the Fish and Game Commission to remove the Delta smelt from the endangered species list.	03/28/2017 - From ASSEMBLY Committee on WATER, PARKS AND WILDLIFE with author's amendments.;03/28/2017 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on WATER, PARKS AND WILDLIFE.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
AB 1066 Aguiar-Curry (D)	Public Works: Definition		Specifies that the term demolition within the definition of public works, with respect to the payment of prevailing wages, includes tree removal.	03/29/2017 - From ASSEMBLY Committee on LABOR AND EMPLOYMENT: Do pass to Committee on APPROPRIATIONS.
AB 1089 Mullin (D)	Local Elective Offices: Contribution Limitations		Prohibits a person from making to a candidate for local elective office any a contribution totaling more than a certain amount. Authorizes a county, city, special district, or school district to impose a different limitation.	03/22/2017 - From ASSEMBLY Committee on ELECTIONS AND REDISTRICTING: Do pass to Committee on APPROPRIATIONS.
AB 1132 Garcia (D)	Nonvehicular Air Pollution: Order of Abatement		Relates to the emission of air pollutants by stationary sources. Relates to an order for abatement after notice and a hearing. Authorizes the air pollution control officer to issue an order for abatement pending a hearing before the hearing board of the air district. Requires the air pollution control officer to notify the alleged violator of the order.	04/03/2017 - In ASSEMBLY Committee on NATURAL RESOURCES: Not heard.
AB 1133 Dahle (R)	California Endangered Species Act		Provides that the California Endangered Species Act (CESA) prohibits the taking of an endangered or threatened species. Authorizes the take of listed species if the take is incidental to an otherwise lawful activity. Provides that a person who obtains a federal enhancement of survival permit requires no further authorization under CESA for that person to take that species as identified in the enhancement of survival permit.	03/06/2017 - To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.
AB 1235 Daly (D)	Santa Ana River Conservancy Program		appropriates a specified sum from the General Fund to the conservancy to be expended for the purposes of the the Santa Ana River Conservancy Program.	03/28/2017 - From ASSEMBLY Committee on NATURAL RESOURCES with author's amendments.;03/28/2017 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES.
AB 1271 Gallagher (R)	Dams and Reservoirs		Amends the existing law which requires the Department of Water Resources supervise the maintenance and operation of dams and reservoirs as necessary to safeguard life and property. Requires the	03/21/2017 - From ASSEMBLY Committee on WATER, PARKS AND WILDLIFE with author's

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			department to order the owner to take action to remove the resultant danger to life and property. Provides for continuously appropriate the moneys in the fund to the department for the administration of the dam safety program.	amendments.;03/21/2017 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on WATER, PARKS AND WILDLIFE.
<u>AB 1323</u> Weber (D)	Sustainable Water Use and Demand Reduction		Requires the Department of Water Resources to convene a stakeholder workgroup. Requires the workgroup to develop, evaluate, and recommend proposals for establishing new water use targets for urban water suppliers and report to the Governor and the Legislature. Requires all expenses to be the responsibility of the nonstate agency stakeholders.	03/13/2017 - To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.
<u>AB 1333</u> Dababneh (D)	Political Reform Act: Local Government Agency Notices		Requires every local government agency to prominently post on its Internet Web site a notice of any upcoming election in which voters will vote on a tax measure or proposed bond issuance of the agency. Requires every local government agency that publishes an electronic newsletter to include the notice in the electronic newsletter.	03/13/2017 - To ASSEMBLY Committees on ELECTIONS AND REDISTRICTING and LOCAL GOVERNMENT.
<u>AB 1342</u> Flora (R)	Greenhouse Gas Reduction Fund: Appropriations		Appropriates from the fund to the Department of Forestry and Fire Protection for healthy forest programs that reduce greenhouse gas emissions causes by uncontrolled wildfires. Appropriates from the fund to the Department Resources Recycling and Recovery for instate organic waste recycling projects that reduce greenhouse gas emissions.	03/13/2017 - To ASSEMBLY Committee on NATURAL RESOURCES.
<u>AB 1369</u> Gray (D)	Water Quality and Storage		Requires the Department of Water Resources to increase statewide water storage capacity by a certain percent by a specified year. Provides for the appropriation of moneys from the Greenhouse Gas Reduction Fund. Requires all groundwater basins designated as high- or medium-priority basins by the department that are designated as basins subject to critical conditions of overdraft to be managed under a groundwater sustainability plan.	03/27/2017 - To ASSEMBLY Committees on WATER, PARKS AND WILDLIFE and NATURAL RESOURCES.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
AB 1420 Aguiar-Curry (D)	Water Rights: Small Irrigation Use		Requires State Water Resources Control Board to give priority to adopting general conditions that permit a registrant to store water for small irrigation use during times of high streamflow in exchange for the registrant reducing diversions during periods of low streamflow. Exempts an entity from the requirement to enter into a lake or streambed alteration agreement with the department under specified circumstances.	03/13/2017 - To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.
AB 1427 Eggman (D)	Water: Underground Storage		Revises the declaration to additionally provide that certain uses of storage water while underground constitute beneficial use. Provides that the forfeiture periods of a water right do not apply to water being beneficially used or being held in storage for later beneficial use.	03/21/2017 - From ASSEMBLY Committee on WATER, PARKS AND WILDLIFE with author's amendments.;03/21/2017 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on WATER, PARKS AND WILDLIFE.
AB 1438 Env Safety & Toxic Material Cmt	State Water Resource Control Board		Amends the Environmental Laboratory Accreditation Act. Updates obsolete references. Authorizes the state board to require an owner of a laboratory under these provisions to provide certain information or records to the state board. Amends the California Safe Drinking Water Act. Authorizes the state board to suspend or revoke a permit if the state board determines that the permittee is in violation of the act.	03/21/2017 - From ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS: Do pass to Committee on APPROPRIATIONS.
AB 1490 Gray (D)	State Water Resources Control Board: School Water		Requires the State Water Resources Control Board, before adopting or approving a water quality control plan, water quality objectives, or a program of implementation, to evaluate impacts on primary drinking water standards and secondary drinking water standards for, and impacts on groundwater basins that provide drinking water to, impacted local education agencies located in whole or in part in a disadvantaged community.	03/30/2017 - From ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS with author's amendments.;03/30/2017 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.
AB 1524 Brough (R)	Political Reform Act: Mass Mailing Prohibitions		Amends the Political Reform Act of 1974 which prohibits the sending of a mass mailing by either a candidate or an agency.	03/16/2017 - To ASSEMBLY Committee on ELECTIONS AND REDISTRICTING.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			States violation of the act's provisions is punishable as a misdemeanor.	
<u>AB 1529</u> Thurmond (D)	Cross-Connection or Backflow Prevention Devices		Requires a person who performs maintenance or testing of a cross-connection or backflow prevention device to be certified. Requires the California Building Standards Commission to publish a list of approved statewide certification providers.	03/16/2017 - To ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.
<u>AB 1548</u> Fong (R)	Occupational Safety and Health: Penalties		Expands the application of an existing law which authorizes certain entities to apply for a refund of civil penalties assessed against them if specified conditions are met and which requires moneys in a certain fund to be expended to assist schools in establishing effective occupational injury and illness prevention programs.	03/16/2017 - To ASSEMBLY Committee on LABOR AND EMPLOYMENT.
<u>AB 1605</u> Caballero (D)	Maximum Contaminant Levels: Replacement Water		Deems a person that causes or permits, or threatens to cause or permit, any waste to be discharged that contributes to the exceedance of the maximum contaminant level for nitrate in drinking water to not have caused pollution or a nuisance or to not be liable for negligence or trespass, if the person or entity takes certain actions relating to replacement water until the maximum contaminant level for nitrate is no longer exceeded.	03/28/2017 - From ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS with author's amendments.;03/28/2017 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.
<u>AB 1654</u> Rubio (D)	Water Shortage: Urban Water Management Planning	CO-SPONSOR & SUPPORT	Requires urban retail water suppliers to report the status of its water supplies, including whether supplies will be adequate to meet projected demand. Requires the implementation of mandatory demand reduction measures if the supplier determines its supply is not adequate. Prohibits an urban water supplier, during a water shortage, from being required to reduce its use or reliance on any water supply available for its use or from being required to take actions beyond its water shortage contingency plan.	03/28/2017 - From ASSEMBLY Committee on WATER, PARKS AND WILDLIFE with author's amendments.;03/28/2017 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on WATER, PARKS AND WILDLIFE.
<u>AB 1667</u> Friedman (D)	Urban Water Supplier: Landscape Water Meters	OPPOSE	Requires urban water supplier install dedicated landscape water meters on commercial, instructional, industrial, and multifamily service connections located in service area if property has greater	03/16/2017 - To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			than certain amount of square feet of irrigated landscape. Requires an urban water supplier install dedicated landscape water meters on single-family residential service connections that are located in service area. Provides for water consumption data.	
AB 1668 Friedman (D)	Water Conservation: Guidelines		Requires the State Water Resources Control Board to develop new water use targets as a part of a permanent framework for urban water agencies. Adopts water conservation guidelines that are consistent with a specified report issued in response to Executive Order B-37-16.	03/16/2017 - To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.
AB 1669 Friedman (D)	Urban Water Use Efficiency		Requires the State Water Resources Control Board to establish and adopt a process to increase urban water use efficiency through incremental urban water use efficiency standards regard to an urban water use efficiency standard to be achieved by the state. Requires the state board to review and consider updates to its urban water use efficiency standard every 5 years.	03/22/2017 - From ASSEMBLY Committee on WATER, PARKS AND WILDLIFE with author's amendments.;03/22/2017 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on WATER, PARKS AND WILDLIFE.
AB 1671 Caballero (D)	Backflow Prevention Assemblies		Require a certification program that is determined by the state board to demonstrate competency in cross-connection control and backflow prevention assembly testing to be approved for statewide certification unless approval is rescinded by the state board.	03/28/2017 - From ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS with author's amendments.;03/28/2017 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.
AB 1673 Aguiar-Curry (D)	The California Water Plan		Makes technical, nonsubstantive changes to existing law which requires the Department of Water Resources to update every five years, the plan for the orderly and coordinated control, protection, conservation, development and use of the water resources of the state.	02/17/2017 - INTRODUCED.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
SB 5 de Leon (D)	California Drought, Water, Parks, Climate		Enacts the California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access For All Act of 2018. Authorizes the issuance of bonds in an amount of \$3,000,000,000 pursuant to the State General Obligation Bond Law to finance a drought, water, parks, climate, coastal protection, and outdoor access for all program.	03/28/2017 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
SB 24 Portantino (D)	Political Reform Act of 1974: Economic Interest		Amends the Political Reform Act which requires certain disclosures to include a statement indicating the fair market value of investments or interests in real property and the aggregate value of income received from each reportable source. Revises the dollar amounts associated with these ranges.	04/04/2017 - In SENATE. Read second time. To third reading.
SB 49 de Leon (D)	Environmental and Workers Defense Act of 2017		Relates to the California Environmental, Public Health, and Workers Defense Act of 2017. Relates to clean air, drinking water, discharge of pollutants into the atmosphere and waters and endangered species. Prohibits state or local agencies from amending or revising their rules and regulations implementing these state laws to be less stringent than the baseline federal standards. Prohibits a state agency from amending rules to be less stringent in protection of worker rights and worker safety.	03/14/2017 - From SENATE Committee on NATURAL RESOURCES AND WATER: Do pass to Committee on ENVIRONMENTAL QUALITY.
SB 62 Jackson (D)	Affordable Senior Housing Act of 2017		Establishes the Affordable Senior Housing Program within GO-Biz, for the purpose of guiding and serving as a catalyst for the development of affordable senior housing dwelling units. Requires the director of GO-Biz to undertake various actions in implementing the program, including establishing and implementing a process for identifying and convening public and private stakeholders and assisting participants in identifying locations and funding sources, obtaining permits, and other matters.	03/29/2017 - Re-referred to SENATE Committees on TRANSPORTATION AND HOUSING and BUSINESS, PROFESSIONS AND ECONOMIC DEVELOPMENT.
SB 72 Mitchell (D)	Budget Act of 2017		Makes appropriations for the support of state government for the 2017-18 fiscal year.	01/11/2017 - To SENATE Committee on BUDGET AND FISCAL REVIEW.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
SB 80 Wieckowski (D)	California Environmental Quality Act: Notices		Amends the California Environmental Quality Act. Requires a lead agency to post certain notices on the agency's Internet Web site and to offer to provide those notices by e-mail. Requires a county clerk to post notices regarding an environmental impact report or a negative declaration on the county's Internet Web site. Requires the filing of a notice in certain cases.	03/29/2017 - From SENATE Committee on ENVIRONMENTAL QUALITY: Do pass to Committee on APPROPRIATIONS.
SB 146 Wilk (R)	Water Resources: Permit To Appropriate		Amends an existing law which prohibits the taking or possession of a fully protected fish, except as provided, and designates the unarmored threespine stickleback as a fully protected fish. Prohibits the issuance of a new permit to appropriate water from any river source or stream that has, or is reasonably suspected to have, a population of unarmored threespine stickleback.	03/28/2017 - In SENATE Committee on NATURAL RESOURCES AND WATER: Not heard.
SB 205 Governance and Finance Cmt	Local Government Omnibus Act of 2017		Requires an officer to take an oath following any election or appointment and before entering the duties of his or her office. Authorizes the County of Merced to enter into a lease, concession, or managerial contract involving a specified area of county property, by a four-fifths vote of the board of supervisors. Makes changes relating to the Committee on County Auditing Procedures, sexual harassment prevention training, certain appointments lists, and certain flood control facilities.	03/30/2017 - In SENATE. Read second time. To Consent Calendar.
SB 206 Governance and Finance Cmt	Validations		Enacts the First Validating Act of 2017, which validates the organization, boundaries, acts, proceedings, and bonds of the state and counties, cities, and specified districts, agencies, and entities.	03/23/2017 - In SENATE. Read third time, urgency clause adopted. Passed SENATE. *****To ASSEMBLY.
SB 207 Governance and Finance Cmt	Validations		Enacts the Second Validating Act of 2017, which validates the organization, boundaries, acts, proceedings, and bonds of the state and counties, cities, and specified districts, agencies, and entities.	03/23/2017 - In SENATE. Read third time, urgency clause adopted. Passed SENATE. *****To ASSEMBLY.
SB 208	Validations		Enacts the Third Validating Act of 2017, which validates the organization, boundaries, acts, proceedings, and bonds of the state and counties, cities, and specified districts, agencies, and entities.	03/23/2017 - In SENATE. Read third time. Passed SENATE. *****To ASSEMBLY.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
Governance and Finance Cmt				
SB 210 Leyva (D)	Pupil Health: Drinking Water		Requires a school district that has drinking water fixtures with drinking water that does not meet the U.S. EPA drinking water standards for lead or any other contaminant to close access to those drinking water fixtures, to provide alternative drinking water sources and to notify specified persons if the school district is required to provide those alternative drinking water sources.	03/15/2017 - In SENATE. Read second time and amended. Re-referred to Committee on ENVIRONMENTAL QUALITY.
SB 224 Jackson (D)	Environmental Quality Act: Baseline Conditions		Relates to the California Environmental Quality Act. Prohibits a lead agency, in determining the baseline physical conditions by which a lead agency determines whether a project has a significant effect on the environment, from considering the effects of certain actions on the environment.	02/16/2017 - To SENATE Committee on ENVIRONMENTAL QUALITY.
SB 229 Wieckowski (D)	Accessory Dwelling Units		Authorizes an ordinance creating accessory dwelling units in single-family and multi-family residential zones to include more permissive maximums of increased floor area and total floor space. Prohibits a special district from considering an accessory dwelling unit a new residential use for purposes of calculating connection fees or capacity charges for utilities.	03/28/2017 - From SENATE Committee on TRANSPORTATION AND HOUSING: Do pass to Committee on GOVERNANCE AND FINANCE.
SB 231 Hertzberg (D)	Local Government: Fees and Charges		Relates to a provision of the California Constitution that requires that assessments, fees, and charges be submitted to property owners for approval or rejection after the provision of written notice and the holding of a public hearing. Defines the term sewer for these purposes. Makes findings and declarations relating to the definition of the term sewer for these purposes.	02/16/2017 - To SENATE Committee on GOVERNANCE AND FINANCE.
SB 252 Dodd (D)	Wells		Requires an applicant for a new well permit in a city or county overlying a critically overdrafted basin to comply with certain requirements as part of an application for a permit. Requires a city or county to make certain information included in the application	03/28/2017 - From SENATE Committee on NATURAL RESOURCES AND WATER: Do pass

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			publicly available. Provides for state funding for groundwater recharge or other water supply projects. Makes changes concerning actions alleging liability for interference with a well used primarily for domestic use.	to Committee on GOVERNANCE AND FINANCE.
SB 372 Cannella (R)	San Joaquin River Exchange Contractors Groundwater		Creates the San Joaquin River Exchange Contractors Groundwater Sustainability Agency as the exclusive groundwater sustainability agency and successor agency. Establishes the initial boundaries of the agency and authorizes the agency's boundaries to be changed after a noticed public hearing.	03/30/2017 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
SB 423 Cannella (R)	Indemnity: Design Professionals		Amends an existing law which provides, with respect to certain contracts and amendments to contracts with a public agency for design professional services, that all provisions, clauses, covenants, and agreements contained in, collateral to, or affecting these contracts or amendments that purport to require the professional to defend the agency under an indemnity agreement are unenforceable, except for certain cases. Makes such provisions applicable to all design professional services.	03/29/2017 - Re-referred to SENATE Committee on JUDICIARY.
SB 427 Leyva (D)	Public Water Systems: Lead User Service Lines		Requires a public water system to provide the timeline for replacement of known lead user service lines in use in its distribution system to the State Water Resources Board. Requires certain public water systems to provide related findings. Provides that if a specified compromise timeline is not developed within a certain number of days, a public water system must comply with a revised timeline. Authorizes the application and enforcement of these provisions under the Safe Drinking Water Act.	03/22/2017 - From SENATE Committee on ENVIRONMENTAL QUALITY with author's amendments.;03/22/2017 - In SENATE. Read second time and amended. Re-referred to Committee on ENVIRONMENTAL QUALITY.
SB 450 Hertzberg (D)	Public Bodies: Bonds: Public Notice		Requires the governing body of a public body to obtain and disclose specified information regarding the issuance of bonds in a meeting open to the public. Requires the information to be obtained as a good faith estimate from an underwriter, financial advisor, or private lender or from a third party borrower, as specified, if the	03/22/2017 - From SENATE Committee on GOVERNANCE AND FINANCE with author's amendments.;03/22/2017 - In SENATE. Read second time and amended. Re-

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			public body issuing bonds is a conduit financing provider, as defined.	referred to Committee on GOVERNANCE AND FINANCE.
SB 454 Moorlach (R)	Public Employees Health Benefits		Relates to the Public Employees' Medical and Hospital Care Act. Provides that, for state employees who are first employed and become members of the retirement system on or after a specified date, the employer contribution for annuitants shall be limited to a certain percent of the weighted average of the health benefit plan premiums for an active employee enrolled for self-alone. Makes other changes concerning employer contributions and prefunding of retiree health care.	03/02/2017 - To SENATE Committee on PUBLIC EMPLOYMENT AND RETIREMENT.
SB 473 Hertzberg (D)	California Endangered Species Act		Amends the California Endangered Species Act to authorize the Department of Fish and Wildlife to develop certain programmatic incidental take permits. Makes changes concerning surface mining operations, agricultural activities, conservation easements, addition or removal of species from the endangered species list, and other matters.	03/28/2017 - From SENATE Committee on NATURAL RESOURCES AND WATER: Do pass to Committee on APPROPRIATIONS.
SB 506 Nielsen (R)	Department of Fish and Wildlife: Lake or Streambed		Amends an existing law which prohibits an entity from diverting or obstructing the natural flow of, or substantially changing or using any material from the bed, channel, or bank of, any river, stream, or lake, or from depositing certain material where it may pass into any river, stream, or lake, without a specified notification, and entering into a lake or streambed alteration agreement to protect fish and wildlife resources. Limits the diversions and obstructions governed by these agreement requirements.	04/03/2017 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
SB 564 McGuire (D)	Water Bill Savings Act		Enacts the Water Bill Savings Act. Authorizes a joint powers authority to provide funding for a customer of a local agency or its publicly owned utility to acquire, install, or repair a water efficiency improvement on the customer's property served by the local agency or its publicly owned utility. Requires the customer to	03/02/2017 - To SENATE Committee on GOVERNANCE AND FINANCE.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			repay the authority through an efficiency charge on the customer's water bill.	
SB 580 Pan (D)	Water development projects: Sacramento-San Joaquin		Revises authorization for flood control projects along the American and Sacramento Rivers.	03/28/2017 - From SENATE Committee on NATURAL RESOURCES AND WATER: Do pass to Committee on APPROPRIATIONS.
SB 623 Monning (D)	Safe and Affordable Drinking Water Fund		Establishes the Safe and Affordable Drinking Water Fund in the State Treasury and would provide that moneys in the fund are continuously appropriated to the Office of Sustainable Water Solutions. Requires the State Water Resources Control Board to administer the fund and expend moneys for grants, loans, contracts, or services to assist those without access to safe and affordable drinking water consistent with a fund implementation plan adopted annually by the board.	03/30/2017 - From SENATE Committee on ENVIRONMENTAL QUALITY with author's amendments.;03/30/2017 - In SENATE. Read second time and amended. Re-referred to Committee on ENVIRONMENTAL QUALITY.
SB 634 Wilk (R)	Santa Clarita Valley Water District		Repeals the Castaic Lake Water Agency Law. Recognizes the Newhall County Water District and the Castaic Lake Water Agency into the Santa Clarita Valley Water District which prohibits the Castaic Lake Water Agency and the Newhall County Water District from operating as separate entities or exercising independent functions.	03/28/2017 - From SENATE Committee on NATURAL RESOURCES AND WATER: Do pass to Committee on GOVERNANCE AND FINANCE.
SB 638 Leyva (D)	Heavy Duty Motor Vehicles		Requires the State Air Resource Board to adopt regulations that require owners or operators of heavy duty motor vehicles used for commercial purposes to perform regular inspections of their vehicles for compliance with emission standards of the State board. Requires a fleet of these vehicles to comply with the State boards emission standards in order for any vehicle of the fleet to be registered.	03/02/2017 - To SENATE Committees on TRANSPORTATION AND HOUSING and ENVIRONMENTAL QUALITY.
SB 667 Atkins (D)	Riverine and Riparian Stewardship		Requires the Department of Water Resources to establish a program to implement watershed-based riverine and riparian stewardship improvements by providing technical and financial	03/09/2017 - To SENATE Committee on NATURAL RESOURCES AND WATER.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			assistance in support of projects with certain benefits. Requires the program to support the purposes of and be coordinated with the Urban Stream Restoration Program, fish passage improvements, and other similar programs.	
SB 686 Wilk (R)	Public Contracts: Claims Resolution		Requires a public entity to conduct a meet and confer conference within a specific period for the settlement of disputes.	03/09/2017 - To SENATE Committee on JUDICIARY.
SB 740 Wiener (D)	Onsite Treated Water		Requires the State Water Resources Control Board to adopt regulations for a comprehensive risk-based framework to assist local jurisdictions in developing oversight and management of programs for onsite treatment of water for nonpotable use.	03/23/2017 - From SENATE Committee on ENVIRONMENTAL QUALITY with author's amendments.;03/23/2017 - In SENATE. Read second time and amended. Re-referred to Committee on ENVIRONMENTAL QUALITY.
SB 748 Glazer (D)	Public Contracts		Amends an existing law which requires a state agency or department to follow specified rules regarding the negotiation of fees and execution of contracts for professional consulting services of a private architectural, engineering, land surveying, environmental, or construction project management firm. Requires certain negotiations to begin within a specified time period.	03/09/2017 - To SENATE Committee on GOVERNMENTAL ORGANIZATION.
SB 771 de Leon (D)	California Environmental Quality Act		Relates to The California Environmental Quality Act. Establishes a continuing education requirement for employees of public agencies who have responsibility for overseeing compliance.	03/29/2017 - From SENATE Committee on ENVIRONMENTAL QUALITY: Do pass to Committee on APPROPRIATIONS.
SB 778 Hertzberg (D)	Safe Drinking Water Fund		Creates the Safe Drinking Water Fund, and continuously appropriates moneys in the fund for the purposes of contracting with an administrator to provide administrative and managerial services to designated public water systems and ordering the designated public water system to accept the administrative and managerial services.	03/29/2017 - Re-referred to SENATE Committee on ENVIRONMENTAL QUALITY.

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Bill No. Author	Title	IRWD Position	Summary/Effects	Status
<u>SB 780</u> Wiener (D)	Water Conservation in Landscaping Act		Requires the Department of Water Resources to develop watershed approach-focused landscaping policies and incentives, including an enhanced model water efficient landscape ordinance. Requires the Department of Water Resources to promote watershed approach-focused education and training for homeowners, contractors, certified community conservation corps, and other landscape professionals.	04/04/2017 - In SENATE. Read second time and amended. Re-referred to Committee on ENVIRONMENTAL QUALITY.
<u>SCA 4</u> Hertzberg (D)	Water Conservation		Declares the intent of the Legislature to amend the California Constitution to provide a program that would ensure that affordable water is available to all Californians and to ensure that water conservation is given a permanent role in California's future.	02/16/2017 - To SENATE Committee on RULES.
<u>HR 23</u> Valadao (R)	Drought Relief in the State of California		Provides drought relief in the State of California.	02/10/2017 - In HOUSE Committee on NATURAL RESOURCES: Referred to Subcommittee on WATER, POWER AND OCEANS.
<u>HR 434</u> Denham (R)	Water Project Financing Program Pilot Project		Authorizes a pilot project for an innovative water project financing program.	02/07/2017 - In HOUSE Committee on NATURAL RESOURCES: Referred to Subcommittee on WATER, POWER AND OCEANS.
<u>HR 448</u> Huffman (D)	Conservation Subsidies Water Conservation Exclusion		Amends the Internal Revenue Code of 1986, expands the exclusion for certain conservation subsidies to include subsidies for water conservation or efficiency measures and storm water management measures.	01/11/2017 - INTRODUCED.;01/11/2017 - To HOUSE Committee on WAYS AND MEANS.

Exhibit "B"

2017 Legislative Update Report: Links to Bill Texts (as of April 4, 2017)


Bill Number/Version Date	Link to Bill Text
AB 869 (Rubio), as amended	http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201720180AB869
AB 968 (Rubio), as amended	http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201720180AB968
AB 1041 (Levine), as introduced	http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201720180AB1041
AB 1323 (Weber), as introduced	http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201720180AB1323
AB 1654 (Rubio), as amended	http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201720180AB1654
AB 1668 (Friedman) as introduced	http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201720180AB1667
AB 1669 (Friedman) as amended	http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201720180AB1669
SB 231 (Hertzberg), as introduced	http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201720180SB231
SB 252 (Dodd), as amended	http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201720180SB252

SB 623 (Monning), as amended	http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201720180SB623
SB 778 (Hertzberg), as amended	http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201720180SB778
SCA 4 (Hertzberg), as introduced	http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201720180SCA4

April 11, 2017

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Approved by: Paul Cook 

WATER RESOURCES POLICY AND COMMUNICATIONS COMMITTEE

PILOT COMMERCIAL TOILET REBATE PROGRAM

SUMMARY:

The WaterStar Business Recognition Program was designed to encourage commercial customers to install high efficiency fixtures and to adopt water efficient business practices. Businesses that meet the program criteria are recognized as an IRWD WaterStar Business. The program requires that toilet flush volumes at participating businesses be consistent with the plumbing code of 1.28 gallons per flush (gpf). Currently, there are no rebates available for 1.28 gpf toilets through the regional program administered by Metropolitan Water District of Southern California. To address this gap, staff recommends that IRWD implement a Pilot Commercial Toilet Rebate Program and to offer rebates not to exceed \$300 per device. The pilot rebate program will assist commercial IRWD customers replace their high-flow toilets with water efficient devices, which will help increase participation in the WaterStar Business Recognition Program. Staff recommends that the Committee provide feedback on the implementation of the rebate program and the proposed \$300 per device incentive.

BACKGROUND:

The IRWD WaterStar Business Recognition Program is designed to promote water efficient business practices and to acknowledge the water efficiency efforts of commercial, industrial, and institutional (CII) customers. Participating businesses are required to have plumbing fixtures with flow rates and flush volumes that comply with the plumbing code. The WaterStar Program requires that toilet flush volumes are consistent with the plumbing code requirement of 1.28 gpf.

Currently, Metropolitan no longer offers rebates through its regional program for the installation of toilets that flush at a rate of 1.28 gpf. Metropolitan only offers rebates for toilets that flush at a rate of 1.06 gpf or less. The installation of 1.06 gpf toilets is not an option for businesses because commercial flush valve toilets are not manufactured that operate at such flush volumes. In commercial applications, there are concerns related to drain line carrying capacities with flows from 1.06 gpf toilets which are lower than plumbing code requirements. As a result, it is not expected that 1.06 gpf toilets will be feasible for certain commercial uses in the near future.

Proposed IRWD Rebate Program:

Since Metropolitan no longer offers a regional rebate program for 1.28 gpf toilets, staff is proposing that IRWD implement its own rebate program to serve the needs of IRWD's commercial customers. By providing a rebate for 1.28 gpf toilets, IRWD will help commercial customers retrofit or replace their high flush toilets with efficient fixtures and help the customers to qualify as a WaterStar Business.

Proposed Rebate Amount:

IRWD's calculated lifetime avoided cost for water and sewer services on a per toilet replacement basis is \$936. As shown in the table below, a rebate of \$300 per toilet would cover the cost of the majority of commercial toilet models. Accordingly, staff is recommending that IRWD provide a \$300 rebate for each 1.28 gpf toilet installed at selected businesses as a part of the Pilot Commercial Toilet Rebate Program.

1.28 gpf Toilet Parts & Accessories	
<i>Program Equipment</i>	<i>Average Cost</i>
Tank and Bowl Toilet	\$100 - \$300
Flushometer - Flush Valve Only	\$60 - \$150
Flushometer - Bowl Only	\$150 - \$350

Pilot Program Implementation:

The Pilot Commercial Toilet Rebate Program will target potential WaterStar participants. In implementing the rebate program, staff will ensure that customer rebates will not exceed the cost of each toilet and will not cover sales tax. Staff will inspect all installations and collect the purchase receipts from each customer prior to issuing rebate checks. Appropriate internal controls will be put in place to ensure that payments are only made to IRWD customers.

Currently, funding is available for approximately 170 toilets. The pilot rebate program will be rolled out during the remainder of FY 2016-17. Depending on the success of the pilot, the program may be expanded in FY 2017-18.

FISCAL IMPACTS:

Funding for the Pilot Commercial Toilet Rebate Program in the amount of \$50,000 is included in the FY 2016-17 adopted Operating Budget.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

RECOMMENDATION:

Staff recommends that the Committee provide feedback on the implementation of the Pilot Commercial Toilet Rebate Program and the proposed \$300 incentive for each 1.28 gpf toilet installed.

LIST OF EXHIBITS:

None.

April 11, 2017
Prepared By: J. Garcia / A. McNulty
Submitted by: F. Sanchez / P. Weghorst
Approved by: P. Cook *[Signature]*

WATER RESOURCES POLICY AND COMMUNICATIONS COMMITTEE

COMMERCIAL LANDSCAPE IRRIGATION IMPROVEMENT INCENTIVE PROGRAM

SUMMARY:

The Irvine Ranch Water District (IRWD) supplies water to over 6,600 large landscape irrigation customers. Twenty-five percent of the irrigation systems are 30 or more years old. Staff proposes implementation of a Commercial Landscape Irrigation Improvement Program that will reduce water waste from leaks and line breaks in older irrigation systems by providing customers incentives to install equipment that improve water management and automatically shut down irrigation systems when failures occur. Staff proposes an incentive amount that would be based on fifty percent of the cost of the equipment installed with a cap of \$2,000 per site. Staff recommends that the Committee provide feedback on the implementation of the Commercial Landscape Irrigation Improvement Program and on the proposed incentive of \$2,000 per site.

BACKGROUND:

IRWD has 6,631 dedicated irrigation accounts that irrigate a total of 13,376 acres of landscape. Twenty-five percent of these systems were installed thirty years ago or longer and would benefit from irrigation equipment upgrades. Existing regional rebate programs operated by Metropolitan Water District of Southern California and the Municipal Water District of Orange County for commercial landscape customers are limited to weather-based irrigation controllers, sprinkler nozzles, and turf replacement. Commercial landscape irrigation systems have many other components that can affect water management.

Landscape irrigation devices such as hydrometers, pressure regulators, and wireless flow detection devices can assist in monitoring water use, automatically shutting down irrigation systems when failures occur, and improving performance by regulating pressure. Staff proposes a Commercial Landscape Irrigation Improvement Program that will provide commercial landscape customers with incentives to install such irrigation system components. A description of the proposed program as well as expected water savings and avoided costs are provided below.

Proposed Commercial Landscape Irrigation Improvement Program:

The Commercial Landscape Irrigation Improvement Program will provide incentives for hydrometers, flow sensors, and pressure regulators. In the event that a landscape irrigation system exceeds normal flow, the equipment can automatically shut off the system and alert the customer to the problem. The implementation of this incentive program will reduce the amount of water waste caused by broken irrigation lines and will help prevent breaks attributed to high water pressure problems.

Proposed Incentive Funding:

The estimated average non-labor cost to upgrade an irrigation site with the equipment described above is \$4,000. Staff is proposing to provide an incentive of 50 percent of the total device costs, up to a cap of \$2,000 per site. Each irrigation site owner would be responsible for the other 50 percent plus the significant labor and other costs associated with the installation. Information on the function of the equipment, average costs, and proposed incentive funding is provided in the table below.

Table 1: Program Equipment Costs and Proposed Incentives

Master Valves/Meter with Flow Sensor & Accessories			
Equipment	Function	Average Cost	Average Proposed Incentive
Hydrometer	Master Valve and Flow Sensor	\$1,252 - \$1,320	\$626 - \$660
Flow Link	Wireless Flow Sensor Connector	\$2,000	\$1,000
Pressure Regulators	Adjusts Irrigation System Pressure	\$250 - \$1,050	\$125 - \$525

Program Implementation:

To implement the program, staff will inspect all installations and collect the purchase receipts from each customer prior to issuing incentive payments. At no time will an incentive exceed 50% the cost of an eligible device. Appropriate internal controls will be put in place to ensure that payments are only made to IRWD customers.

Initially the program will target landscape customers with older irrigation sites that will maximize potential water savings. Based on participation response rates, the program may be expanded to include additional sites. Approved funding is available for approximately 100 sites.

Water Savings Estimate:

A typical irrigation line break flowing for a 24-hour period is estimated to waste 183,600 gallons or 0.56 acre feet (AF). An irrigation system with the capability of shutting down one minute after a break can save approximately 0.56 AF of water per incident. Staff estimates that at least one incident per year could be prevented at each irrigation site with the installation of the equipment described above. Assuming a conservative five-year equipment life, staff expects that a water savings of 2.8 AF per site could be achieved as a result of the installation of the equipment.

Avoided Costs:

Staff believes that implementation of the Commercial Landscape Irrigation Improvement Program will be cost effective. IRWD's average avoided cost for potable and recycled water is \$971 per AF of water saved. The \$2,000 per site incentive that staff is proposing to provide would cost the District \$714 per AF of water saved which would be less than that avoided cost of water.

FISCAL IMPACTS:

Funding in the amount of \$200,000, for approximately 100 program participants, is included in the FY 2016-17 adopted Operating Budget.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

RECOMMENDATION:

Staff recommends that the Committee provide feedback on the implementation of the Commercial Landscape Irrigation Improvement Program and on the proposed incentive of \$2,000 per site.

LIST OF EXHIBITS:

None.