

**AGENDA  
IRVINE RANCH WATER DISTRICT  
BOARD OF DIRECTORS  
REGULAR MEETING**

September 12, 2016

**PLEDGE OF ALLEGIANCE**

**CALL TO ORDER**

5:00 p.m., Board Room, District Office  
15600 Sand Canyon Avenue, Irvine, California

**ROLL CALL**

Directors LaMar, Reinhart, Swan, Withers and President Matheis

**NOTICE**

If you wish to address the Board on any item, including Consent Calendar items, please file your name with the Secretary. Forms are provided on the lobby table. Remarks are limited to five minutes per speaker on each subject. Consent Calendar items will be acted upon by one motion, without discussion, unless a request is made for specific items to be removed from the Calendar for separate action.

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**COMMUNICATIONS TO THE BOARD**

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1. A. Written:

B. Oral:

2. ITEMS RECEIVED TOO LATE TO BE AGENDIZED

Recommendation: Determine the need to discuss and/or take immediate action on item(s).

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**WORKSHOP**

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3. SEWER COLLECTION SYSTEM MASTER PLAN PROGRESS REPORT

Staff will make a presentation on IRWD's existing system hydraulic analysis and the Risk and Reliability analysis.

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**CONSENT CALENDAR**

**Resolution No. 2016-24**

**Items 4-7**

4. RATIFY/APPROVE BOARD OF DIRECTORS' ATTENDANCE AT MEETINGS AND EVENTS

Recommendation: That the Board ratify/approve the meetings and events for Steven LaMar, Peer Swan and John Withers as described.

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**CONSENT CALENDAR - Continued**

**Resolution No. 2016-24**

**Items 4-7**

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5. MINUTES OF REGULAR BOARD MEETING

Recommendation: That the minutes of the August 22, 2016 Regular Board meeting be approved as presented.

6. 2016 LEGISLATIVE UPDATE

Recommendation: Receive and file.

7. ELECTION OF THE INDEPENDENT SPECIAL DISTRICTS OF ORANGE COUNTY 2017-2018 OFFICERS

Recommendation: That the Board authorize IRWD to cast its ballot in favor of Mike Scheafer (Costa Mesa Sanitary District) for President, Sandra Jacobs (Santa Margarita Water District) for 1<sup>st</sup> Vice President, Mark Monin (El Toro Water District) for 2<sup>nd</sup> Vice President, and Mary Aileen Matheis (IRWD) for 3<sup>rd</sup> Vice President, and authorize the District to submit its ballot to ISDOC no later than the September 27, 2016, deadline.

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**ACTION CALENDAR**

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8. SAN JOAQUIN MARSH IMPROVEMENTS CONSTRUCTION AWARD

Recommendation: That the Board authorize a budget increase in the amount of \$256,200, from \$1,776,700 to \$2,032,900, for project 6168; and authorize the General Manager to execute a construction contract with Olsson Construction, Inc. in the amount of \$1,494,775 for the San Joaquin Marsh Improvements, project 6168.

9. PROPOSED POLICY PRINCIPLES ON INCREASING WATER LEVELS IN THE ORANGE COUNTY GROUNDWATER BASIN

Recommendation: That the Board approve the Draft Policy Principles Paper on Increasing Water Levels in the Orange County Groundwater Basin.

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**OTHER BUSINESS**

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Pursuant to Government Code Section 54954.2, members of the Board of Directors or staff may ask questions for clarification, make brief announcements, make brief reports on his/her own activities. The Board or a Board member may provide a reference to staff or other resources for factual information, request staff to report back at a subsequent meeting concerning any matter, or direct staff to place a matter of business on a future agenda. Such matters may be brought up under the General Manager's Report or Directors' Comments.

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**OTHER BUSINESS - Continued**

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10. A. General Manager's Report

B. Directors' Comments

C. CLOSED SESSION:

- 1) CONFERENCE WITH LEGAL COUNSEL RELATIVE TO EXISTING LITIGATION - Government Code Section 54956.9(d)(1) IRWD v. OCWD (Case No.30-2016-00858584-CU-WM-CJC)
- 2) PUBLIC EMPLOYEE APPOINTMENT- Pursuant to Government Code Section 54957(b)  
Title: Legal Counsel

D. Open Session

E. 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 Irvine Ranch Water District Board of Directors in connection with a matter subject to discussion or consideration at an open meeting of the Board of Directors 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 Board 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 Board Members, except that if such writings are distributed one hour prior to, or during, the meeting, they will be available at the entrance to the Board of Directors Room of the District Office. The Irvine Ranch Water District Board 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 alternative format upon written request to the District Secretary at least seventy-two (72) hours prior to the scheduled meeting.

September 12, 2016

Prepared by: B. Meserlian/E. Akiyoshi

Submitted by: K. Burton

Approved by: Paul Cook



## BOARD WORKSHOP

### SEWER COLLECTION SYSTEM MASTER PLAN PROGRESS REPORT

#### SUMMARY:

Staff will provide an update on IRWD's Sewer Collection System Master Plan (SCSMP) and a presentation focusing on the existing system hydraulic analysis and the "Criticality Based Replacement Planning" analysis.

#### BACKGROUND:

The 2016 SCSMP, updated by AKM Consulting Engineers, quantifies existing and projects future sewage flows for IRWD's service area, develops calibrated hydraulic models for the existing and build-out condition systems, identifies infrastructure needed to support existing and future development, and develops "Criticality-Based Replacement Planning" to prioritize operations and maintenance activities, and repair and replacement projects. Below is the status of each element of the SCSMP:

*Update sewer collection system flow projections:* Staff presented the sewer monitoring program, sewer generation factor calibration, and the sewer flow projections to the Engineering and Operations Committee on March 15, 2016, and the Board on May 23. Build-out condition flows for Michelson Water Recycling Plant and Los Alisos Water Recycling Plant are anticipated at 32.6 million gallons per day (MGD) and 5.0 MGD, respectively. These projections support the remainder of the SCSMP and a multitude of other IRWD planning and policy level analyses.

*Develop calibrated existing and build-out condition hydraulic models:* AKM Consulting Engineers is developing calibrated hydraulic models of the existing and build-out condition sewer collection systems. These models will be used to analyze the impacts of existing and future development. Multiple iterations of the existing system model have been reviewed since September 2015. The latest version (dated August 2016) of existing system model includes a full analysis of average and peak dry weather conditions. The build-out condition model was received in late August and is currently being reviewed by staff.

*Criticality-Based Replacement Planning:* A comprehensive criticality-based replacement planning tool has been developed utilizing InfoMaster software. InfoMaster combines Closed-Circuit Television (CCTV) data, geographic information system data, and hydraulic model results under a single platform that analyzes the criticality of each sewer facility. The analysis is performed based on agreed-upon criteria, and is customized to IRWD's procedures, operations, and staff input. Several IRWD groups participated in the development of this analysis through various workshops and field visits. The results of the analysis were presented to sewer collections, maintenance, and engineering departments in two workshops held in June.

*Identify infrastructure to support growth:* Both the existing and build-out condition hydraulic models are being analyzed to support current operations and future growth. Preliminary recommendations for capital improvement projects are anticipated as a result of the analysis. Additional studies (CCTV, flow monitoring, alignment studies, etc.) will be required to confirm the SCSMP recommended improvements.

Staff will provide an overview of all project objectives, and present sample results from the hydraulic model and risk analyses. A copy of the presentation is attached as Exhibit "A".

FISCAL IMPACTS:

None.

ENVIRONMENTAL COMPLIANCE:

This project 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.

COMMITTEE STATUS:

This item was reviewed by the Engineering and Operations Committee on August 16, 2016.

RECOMMENDATION:

RECEIVE AND FILE.

LIST OF EXHIBITS:

Exhibit "A" – Draft PowerPoint Presentation



# Sewer Collection System Master Plan Progress Report

Board of Directors Meeting  
September 12, 2016



# Sewer Collection System Master Plan

## SCSMP

Evaluate

Identify

Support

Current State  
of the System

Future  
Conditions

Critical  
Facilities

Actions/ System  
Improvements

Capital  
Improvement  
Program

System  
Management  
& Operation

# Agenda

- 1. Status Update**
- 2. Hydraulic Model**
- 3. Criticality Analysis**

# SCSMP – Primary Elements



## Update Land Use based Flow Factors & Projections

## Develop Hydraulic Model

- Existing System - Complete
- Future System - Pending

## Prepare Criticality Analysis

- Pipeline Assessment & Certification Program (PACP) Data
- InfoMaster

## Identify New Infrastructure through 2035

- Capital Improvement Program



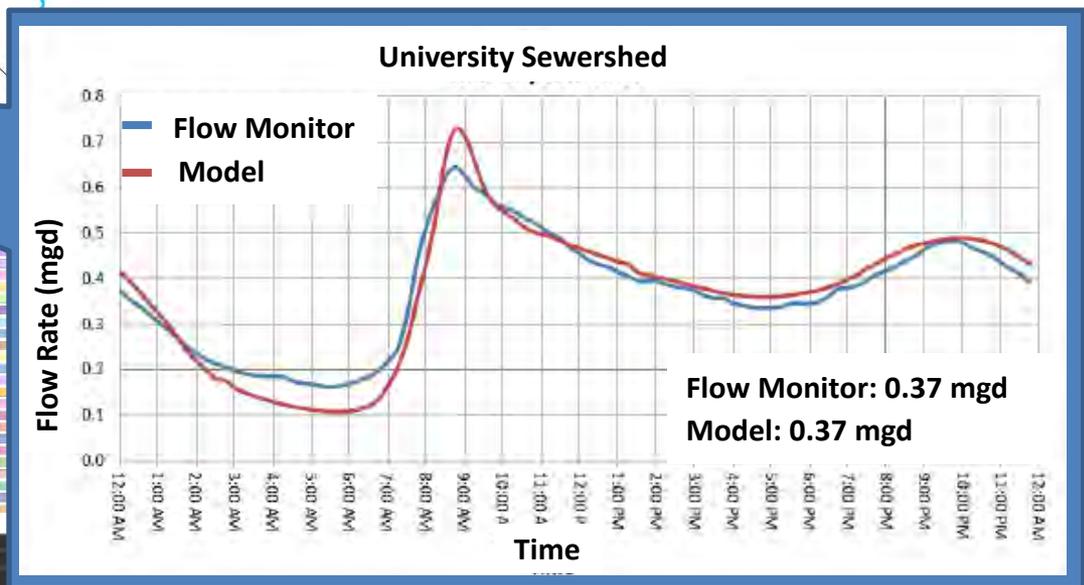
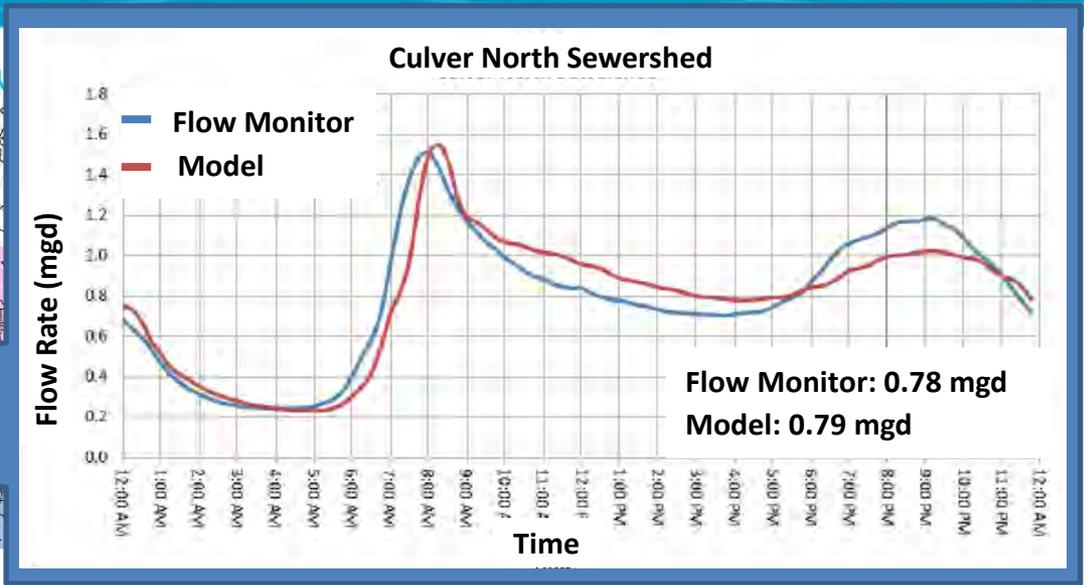
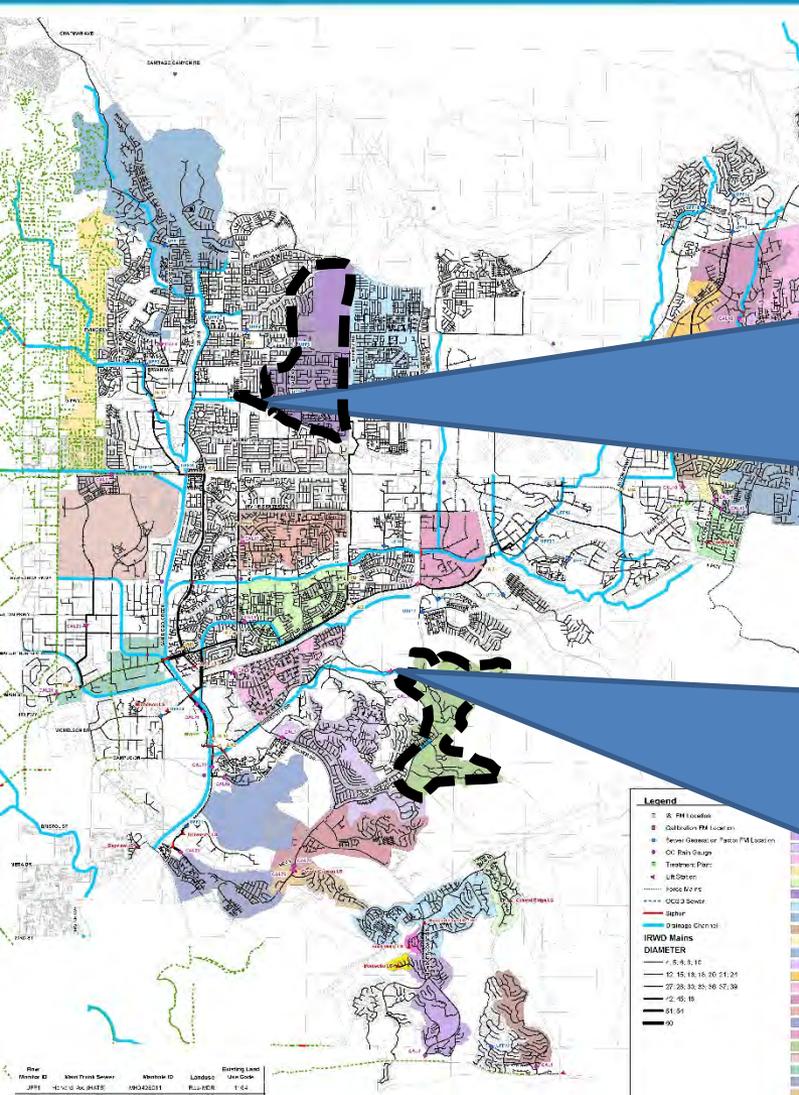
# Sewer Collection System Hydraulic Model

- InfoSWMM Software
- Model Development/ Calibration
- Model Results

The screenshot displays the InfoSWMM software interface. The main window shows a map of a sewer collection system with various pipes and structures highlighted in blue and yellow. The interface includes a menu bar, a toolbar, and a status bar. On the left, there is a 'Table of Contents' pane with a tree view of the model elements. On the right, the 'InfoSWMM Properties' window is open, showing the properties for a selected pipe.

Pipe: CLMH205N1106MH4205N043	
CLMH205N1106MH4205N043	
Description	Recessed
Geometry	
Start Node	MH205N1106
End Node	MH4205N043
Modeling	
LENGTH (ft)	294.320000000
Upstream Invert (ft)	389.640000000
Downstream Invert (ft)	388.670000000
Inflow (mgd)	
Entry Loss Coeff.	
Exit Loss Coeff.	
Average Loss Coeff.	
Flow Gate Installed	No
SHAPE_TYPE	0 Circular
Diameter (in)	
Number of Barrels	15.000000000
Flow (mgd)	
MAX_FLOW (mgd)	
Flow Loss	
Flow Meter	No
Flow Reversal	
Current Code	
Vertical Roughness Threshold	
Vertical Roughness	
Seepage Loss Date	
Info	
Year of Installation	1964
View of Installation	
Zone of Retreatment	
Phase	
STATUS	Existing
DBIS_MANNI	0.013000000
NEW_IS_INV	0.000000000
NEW_DS_INV	0.000000000
START_NODE	MH205N1106
END_NODE	MH4205N043
ORI_IS_INV	389.640000000

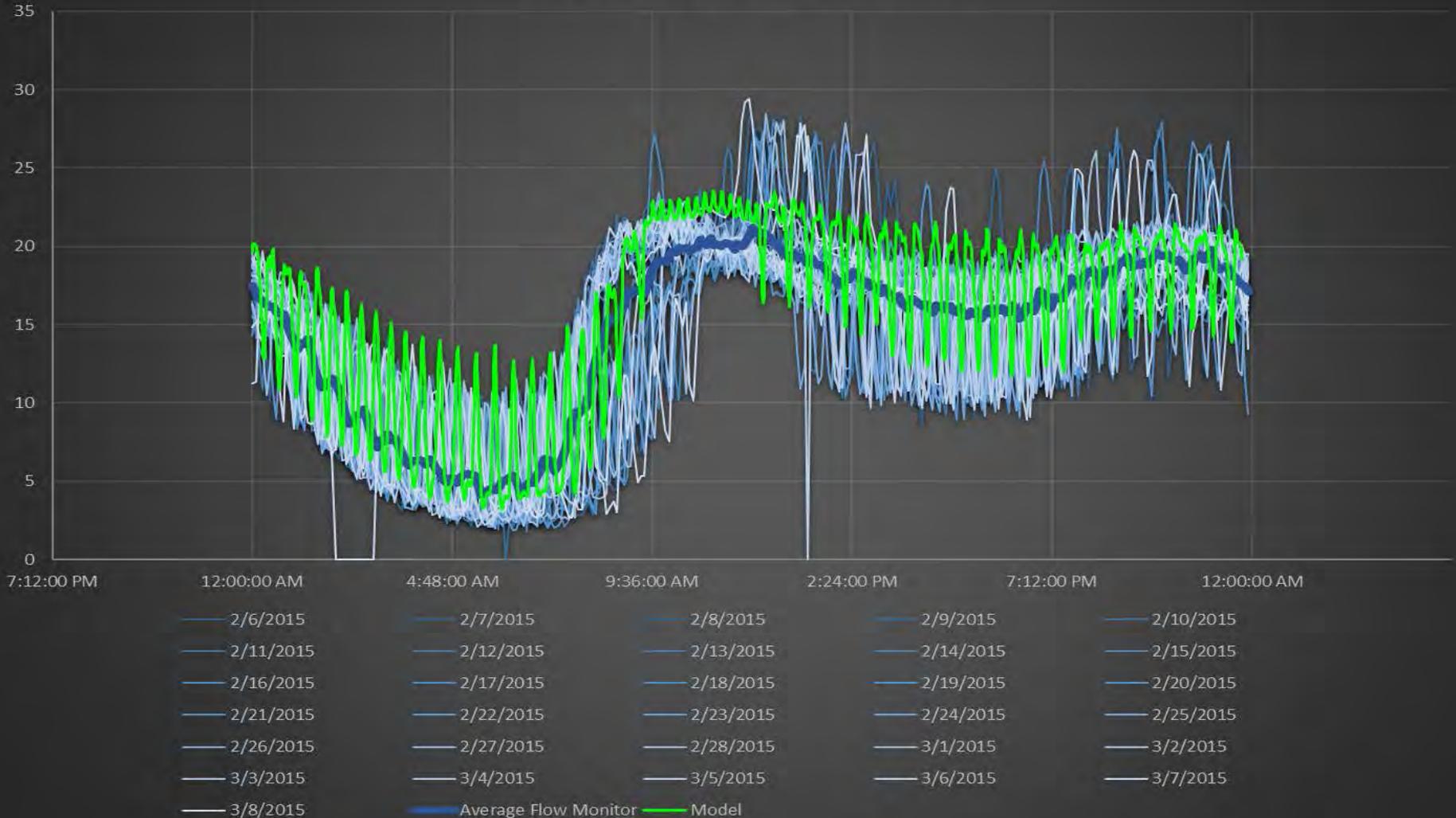
# Hydraulic Model - Calibration



# Hydraulic Model

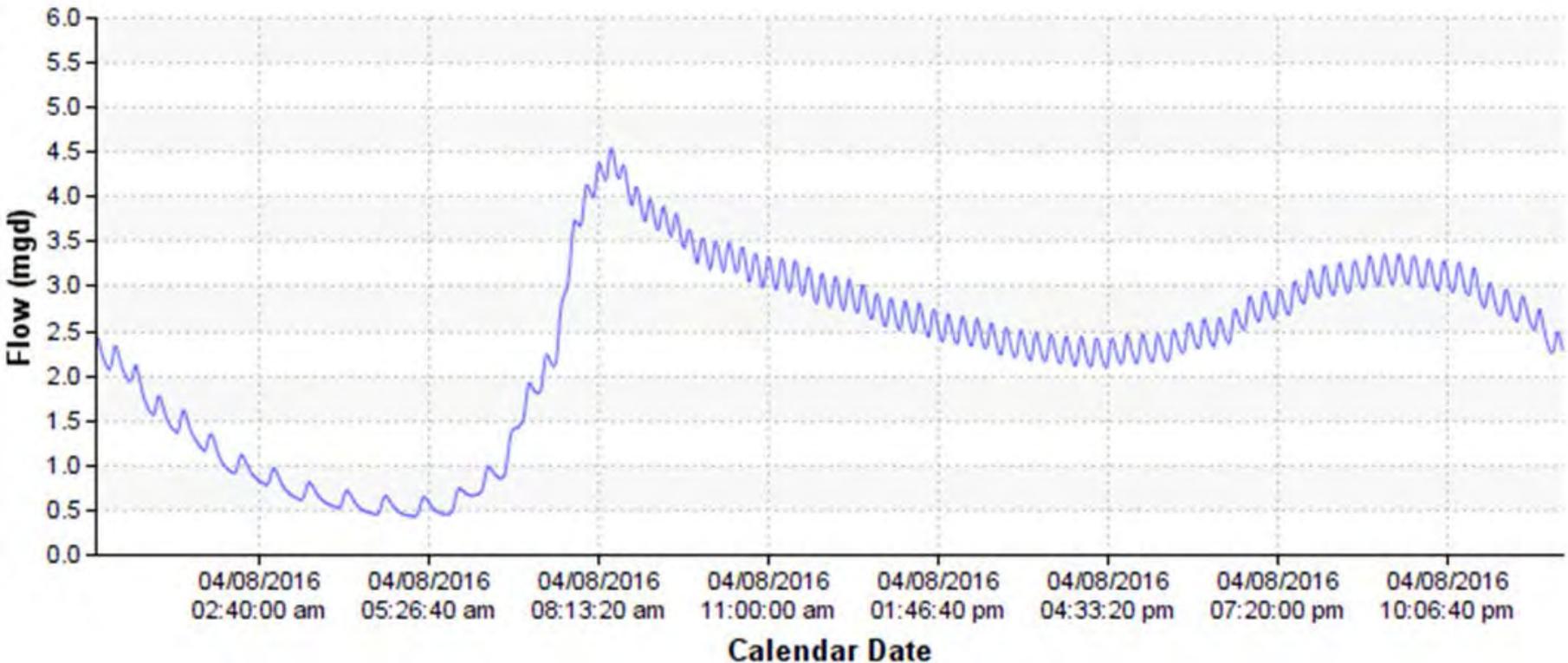
## MWRP – Calibrated Dry Weather Flow

MWRP North Influent Line

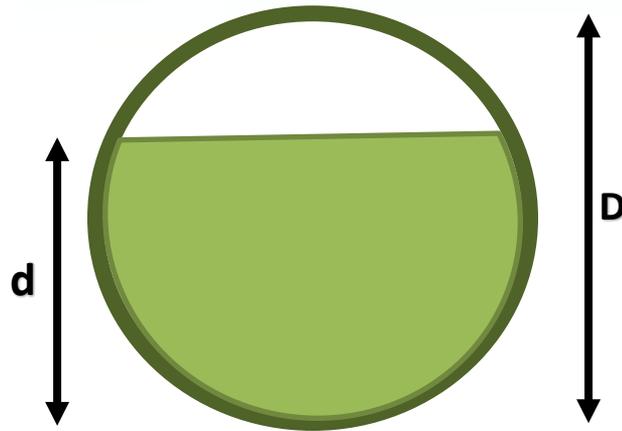


# Hydraulic Model LAWRP – Calibrated Dry Weather Flow

- North Influent Line: ~ 1.3 MGD
- East Influent Line: ~ 2.3 MGD



# Hydraulic Model Performance Evaluation

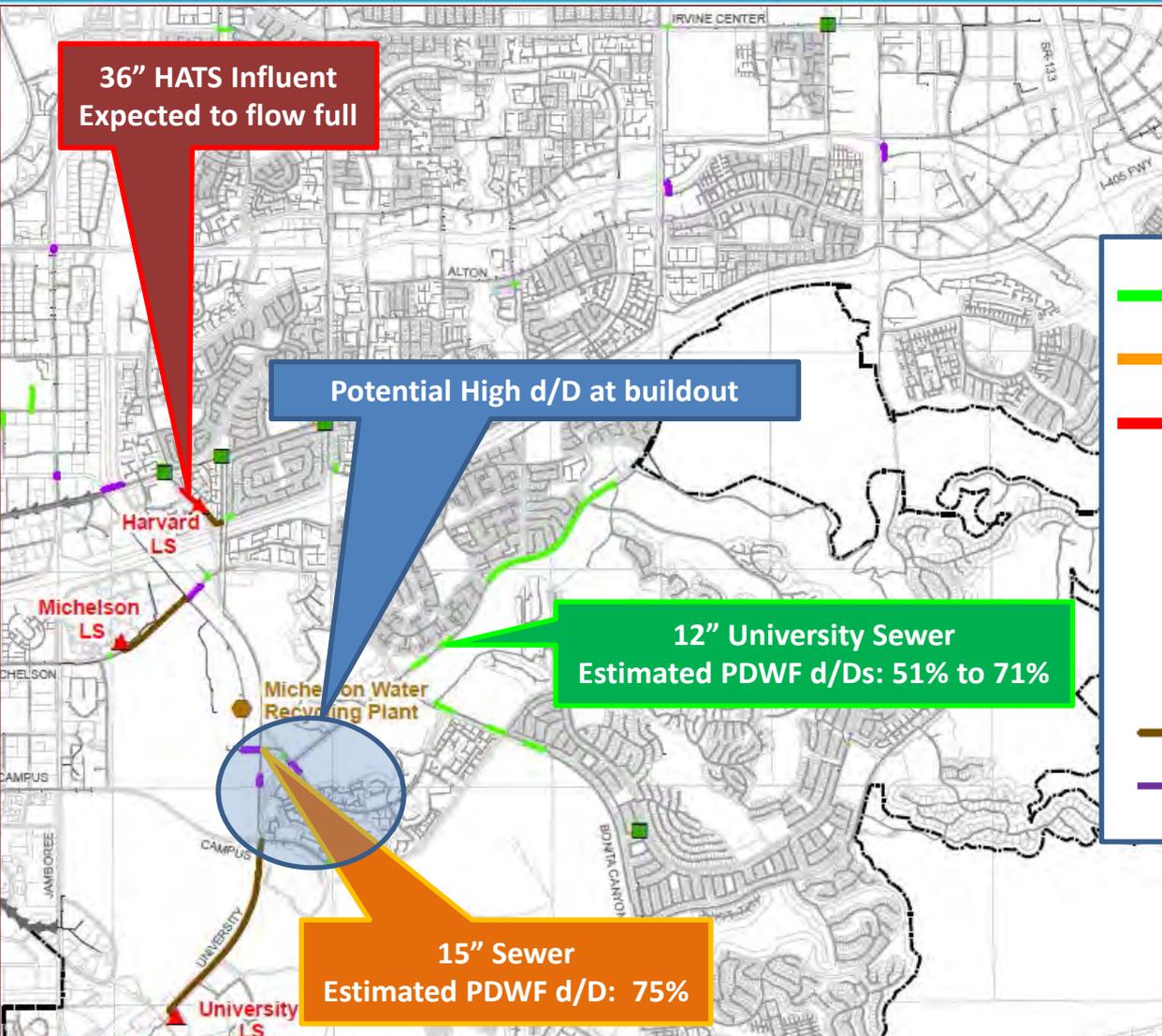


'd' is depth of flow  
'D' is sewer diameter

**Criticality Analysis**

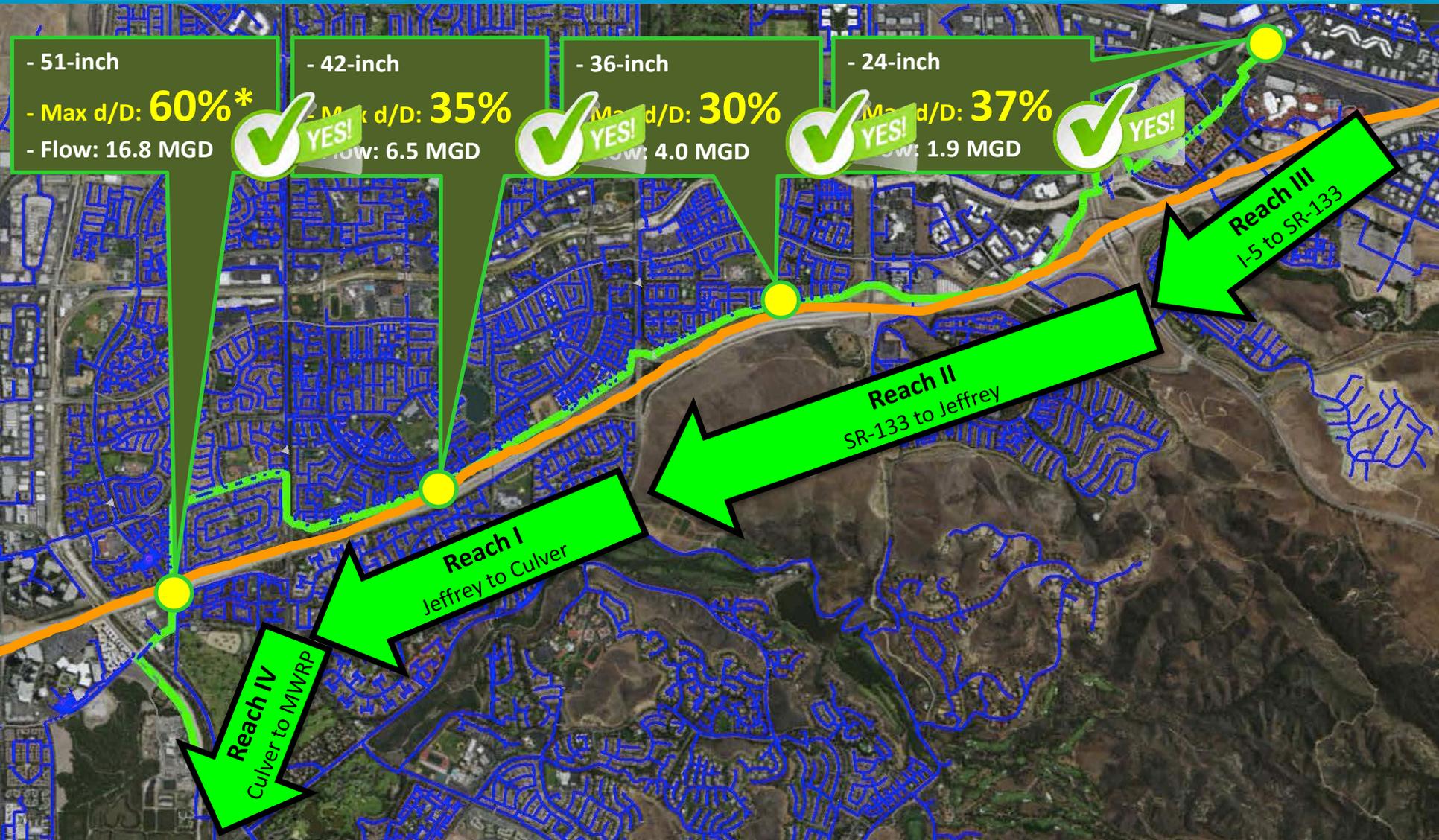
	Peak Dry Weather Flow d/D		
	Diameter < 15"	Diameter = 15"	Diameter > 15"
Priority 1	> 82%	> 82%	> 82%
Priority 2	75% - 82%	75% - 82%	75% - 82%
Priority 3	67% - 75%	67% - 75%	-
Priority 4	50% - 67%	-	-
<b>Design Requirement</b>	<b>≤50%</b>	<b>≤67%</b>	<b>≤75%</b>

# Hydraulic Model – Existing System Analysis Tributary to MWRP



- Gravity Sewer < 15", d/D > 50%
- Gravity Sewer = 15", d/D > 67%
- Gravity Sewer > 15", d/D > 75%
- Water Recycling Plant
- Lift Station
- Diversion Structure
- Force Main
- Siphon

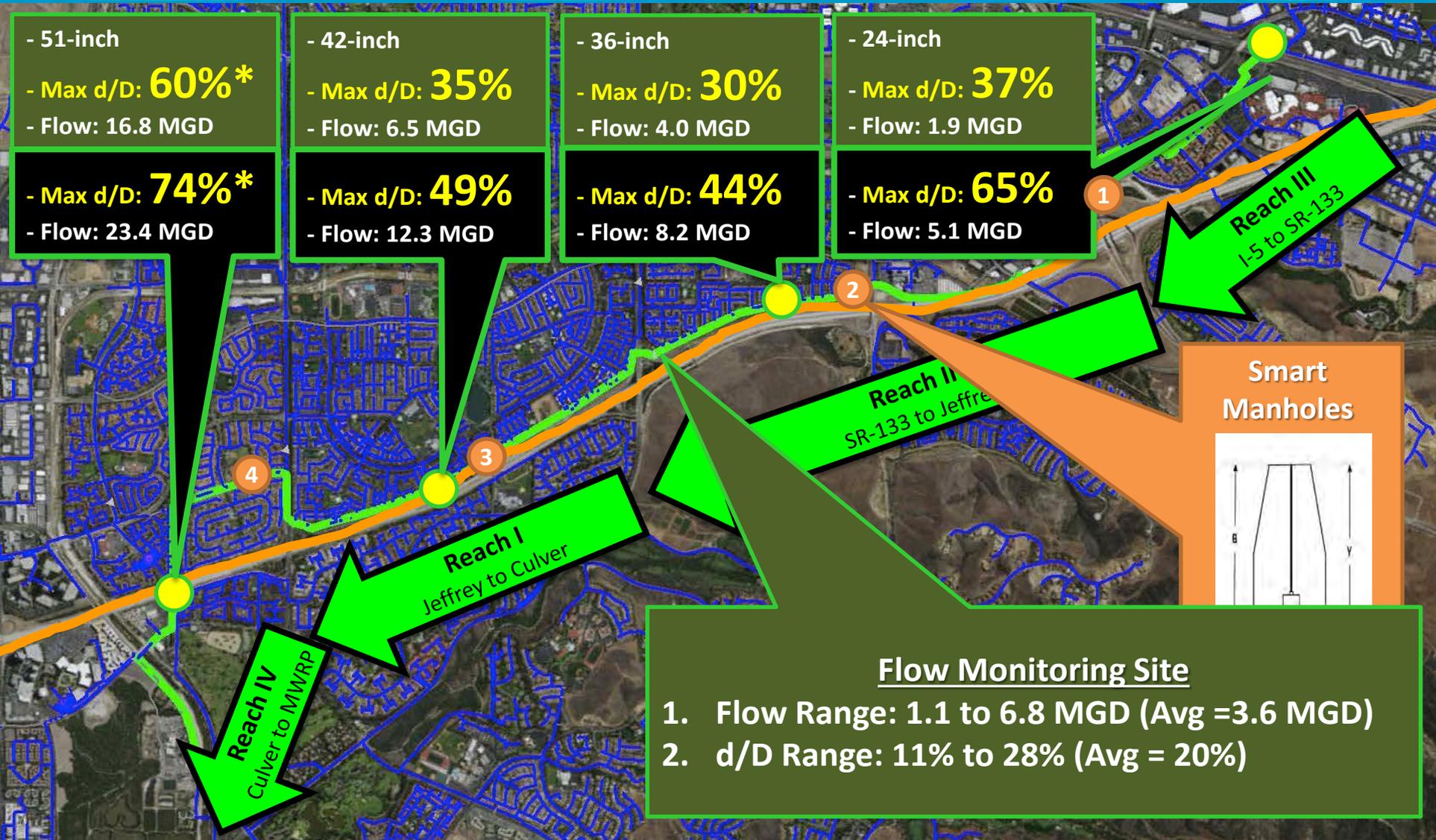
# Hydraulic Model – San Diego Creek Interceptor Existing Peak Dry Weather Flow Conditions



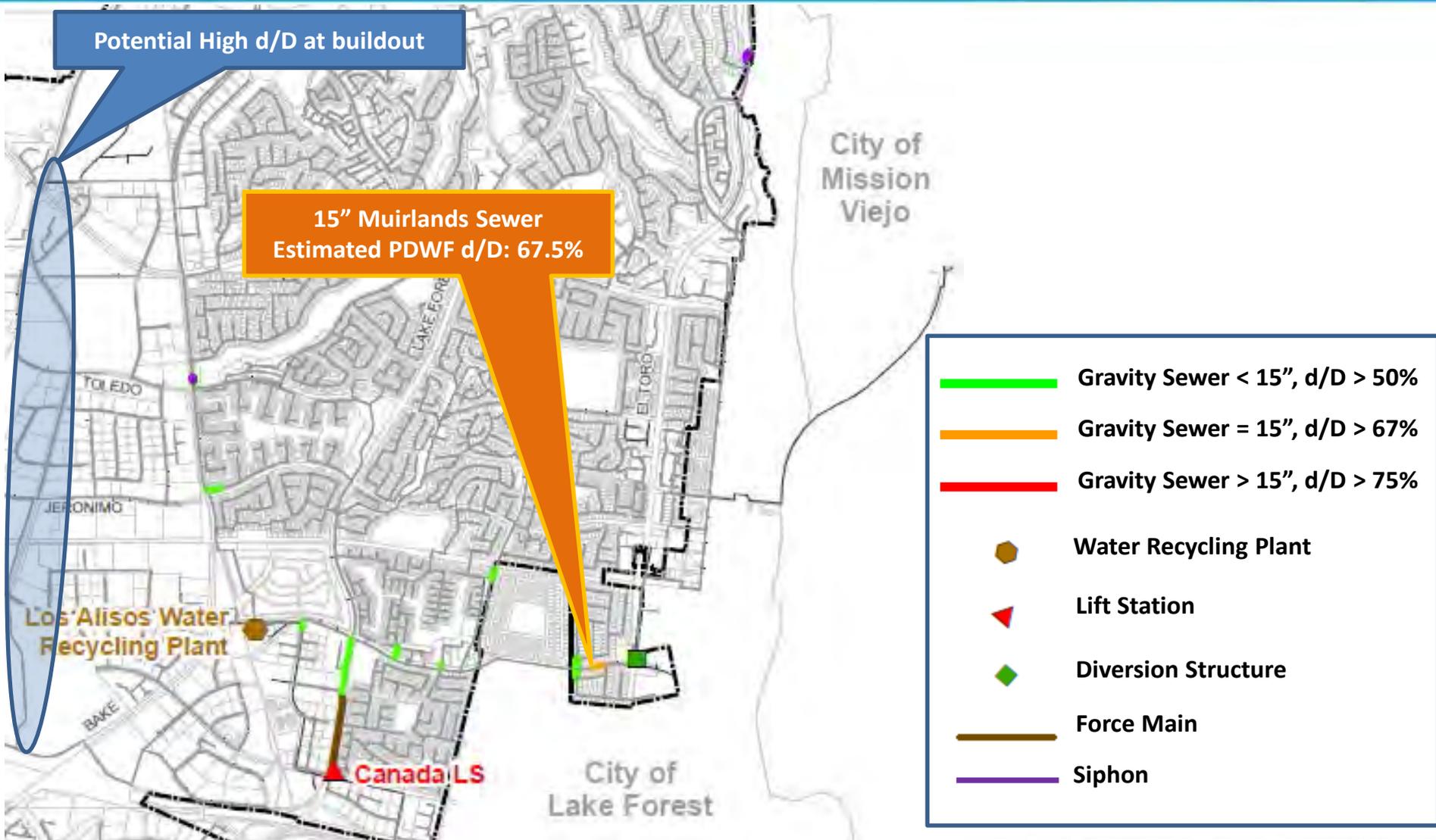
# Hydraulic Model – San Diego Creek Interceptor Ultimate Peak Dry Weather Flow Conditions



# Hydraulic Model – San Diego Creek Interceptor Existing Peak Dry Weather Flow Conditions



# Hydraulic Model – Existing System Analysis Tributary to LAWRRP



# Criticality Analysis

## Purpose:

1. Identify "Critical" Facilities (Calculate "Risk")
2. Determine/ Prioritize Actions

Risk =

Likelihood of Failure x Consequence of Failure

**PACP Structural Grade**

**PACP O&M Grade**

**PDWF d/D**

**Root Type**

**Deposit Type**

**Age/ Construction Period**

**Pipe Material**

**Proximity to Major Waterway**

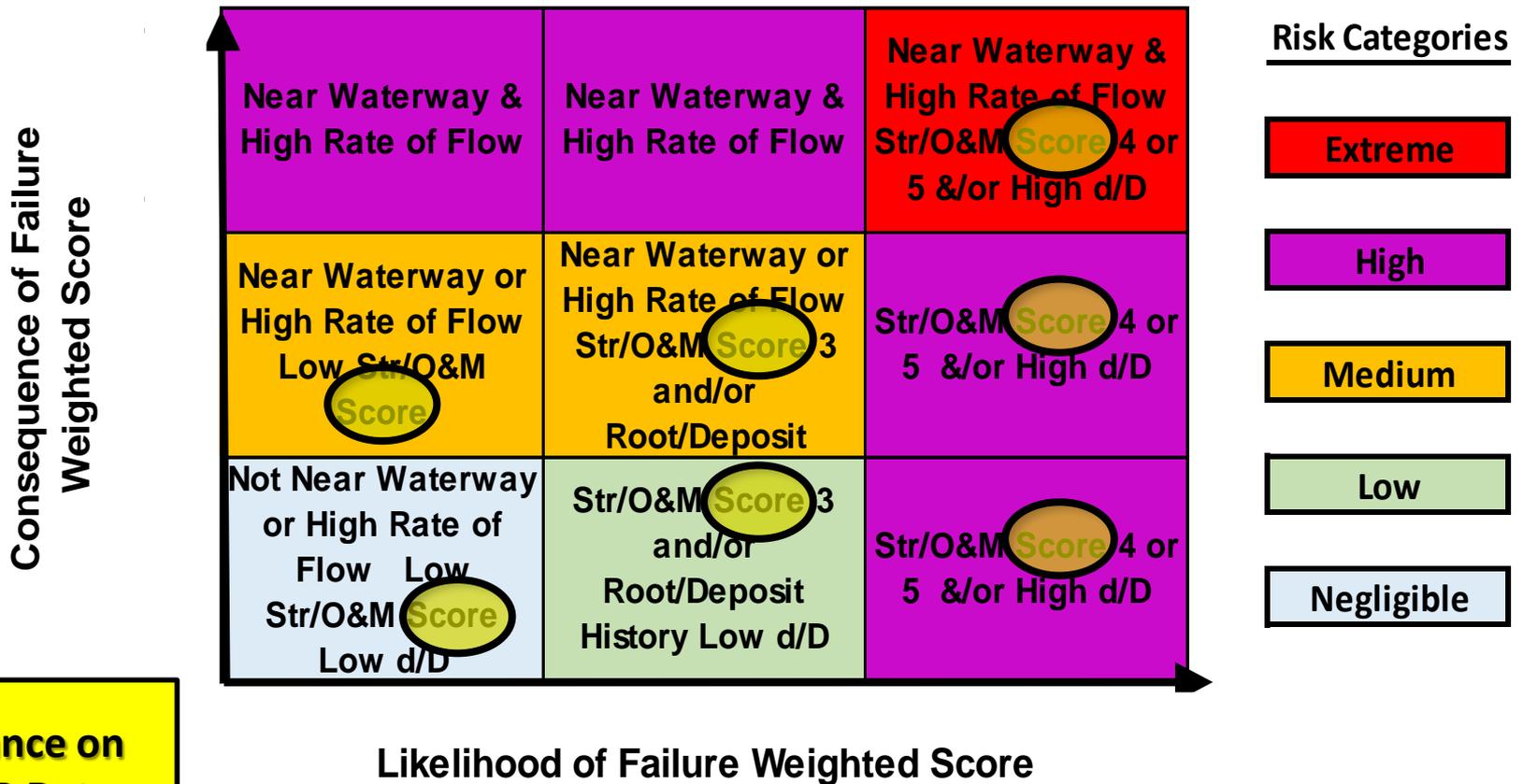
**Maximum Rate of Flow**

**Size of Pipe**

**Depth of Pipe**

# Risk and Reliability Analysis

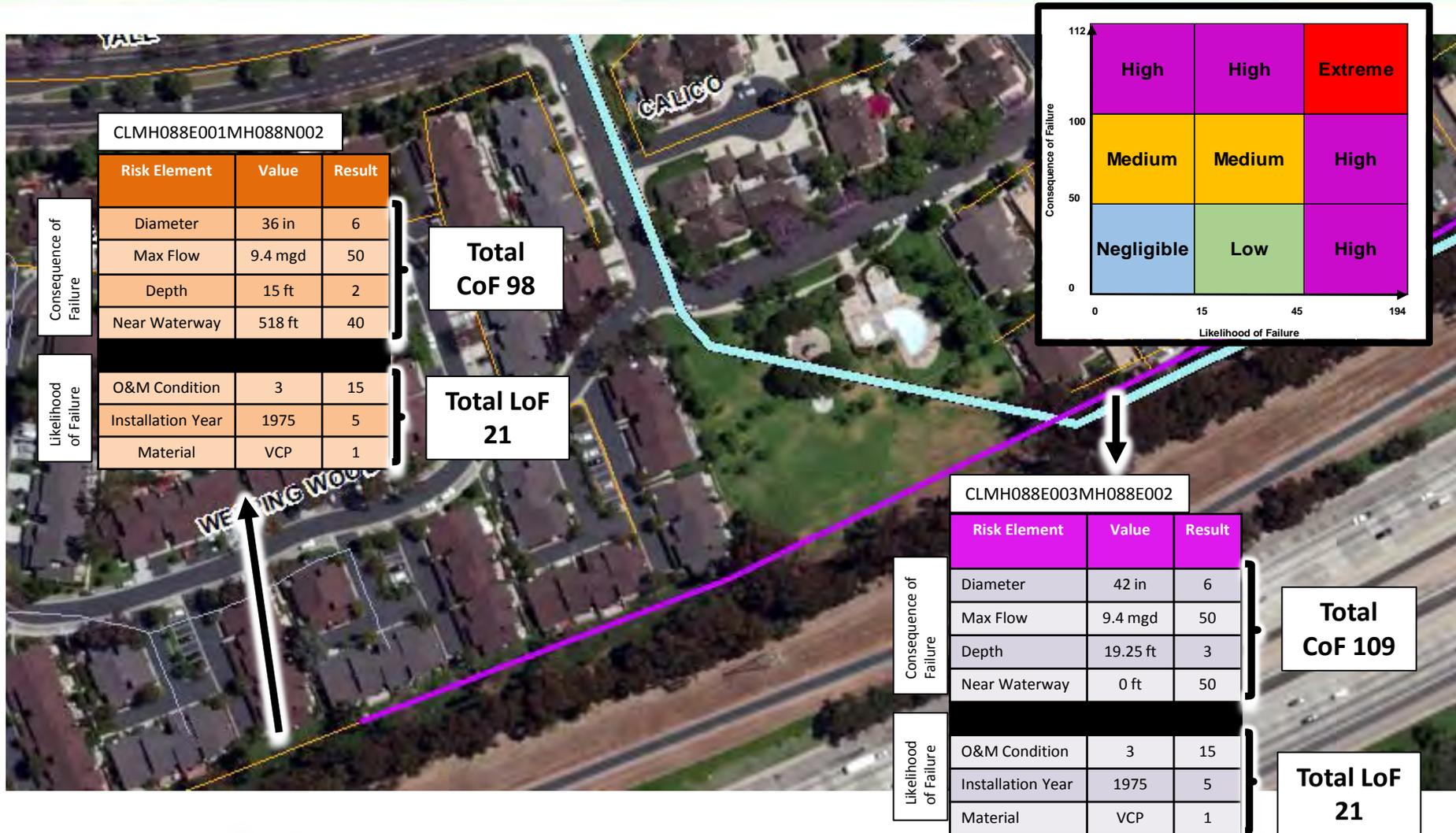
***Risk = Likelihood of Failure x Consequence of Failure***



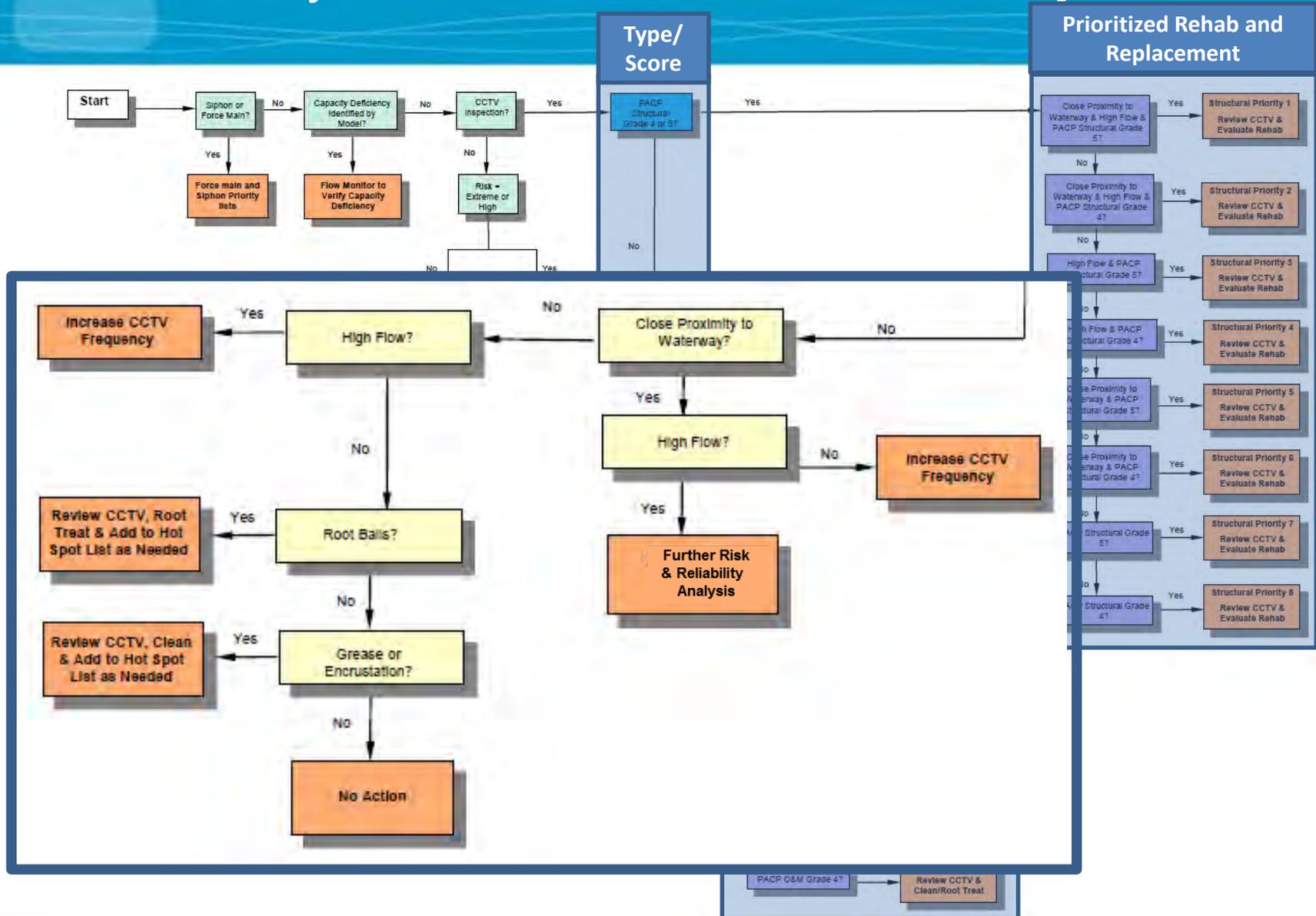
**Reliance on PACP Data**



# Risk Example 3: I-405 & San Joaquin Channel



# Risk Analysis Decision Tree for Gravity Sewers





# Form a “Sewer Management Team”

- 1. Continue to Update risk/ reliability analysis**
- 2. Update sewer system priority list**
- 3. Develop action items**
- 4. Track project status**
- 5. Incorporate findings in Capital Budget process**

# Next Steps

1. **Progress Report to E&O - August 16** ✓
2. **Receive future Model - Late August** ✓
3. **Progress Report to Board - September 12**
4. **SCSMP Draft - September**



Questions?



September 12, 2016

Prepared and

Submitted by: N. Savedra

Approved by: P. Cook

CONSENT CALENDAR

RATIFY/APPROVE BOARD OF DIRECTORS'  
ATTENDANCE AT MEETINGS AND EVENTS

SUMMARY:

Pursuant to Resolution 2006-29 adopted on August 28, 2006, approval of attendance of the following events and meetings are required by the Board of Directors.

Events/Meetings

Steven LaMar

9/08/16 OC Taxpayers Association-Roses & Radishes Royalty Awards Event  
9/21/16 ACWA Federal Affairs Committee Meeting, Sacramento

Peer Swan

9/06/16 Meeting Discussion of District Activities w/General Manager Paul Cook  
9/08/16 OC Taxpayers Association – Roses & Radishes Royalty Awards Event  
9/10/16 Newport Chamber – Green on the Green Eco Expo Event  
9/15/16 NCCP/HCP Nature Reserve of Orange County 20<sup>th</sup> Anniversary Celebration

John Withers

8/09/16 Representative Mimi Walters Elected Officials' Breakfast Meeting  
8/17/16 Concordia University Public Policy Center Board of Directors Meeting  
8/29/16 NWRI Directors Dinner for Jeff Mosher  
9/06/16 ISDOC Executive Committee Meeting  
9/08/16 OC Taxpayers Association-Roses & Radishes Royalty Awards Event  
9/15/16 NCCP/HCP Nature Reserve of Orange County 20<sup>th</sup> Anniversary Celebration

RECOMMENDATION:

THAT THE BOARD RATIFY/APPROVE THE MEETINGS AND EVENTS FOR STEVEN LAMAR, PEER SWAN AND JOHN WITHERS AS DESCRIBED.

LIST OF EXHIBITS:

None.

September 12, 2016  
Prepared and  
Submitted by: L. Bonkowski  
Approved by: P. Cook



CONSENT CALENDAR

MINUTES OF BOARD MEETING

SUMMARY:

Provided are the minutes of the August 22, 2016 Regular Board Meeting for approval.

FISCAL IMPACTS:

None.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

Not applicable.

RECOMMENDATION:

THAT THE MINUTES OF THE AUGUST 22, 2016 REGULAR BOARD MEETING BE APPROVED AS PRESENTED.

LIST OF EXHIBITS:

Exhibit "A" – August 22, 2016 Minutes

## EXHIBIT "A"

### MINUTES OF REGULAR MEETING – AUGUST 22, 2016

The regular meeting of the Board of Directors of the Irvine Ranch Water District (IRWD) was called to order at 5:00 p.m. by President Matheis on August 22, 2016 in the District office, 15600 Sand Canyon Avenue, Irvine, California.

Directors Present: LaMar, Swan, Matheis, Reinhart and Withers.

Directors Absent: None.

Also Present: General Manager Cook, Executive Director of Finance Clary, Executive Director of Water Policy Weghorst, Executive Director of Operations Shields, Director of Treasury and Risk Management Jacobson, Director of Water Resources Sanchez, Director of Public Affairs Beeman, Director of Human Resources Roney, Director of Administrative Services Mossbarger, Assistant Director of Water Operations Roberts, Assistant Director of Maintenance Drake, Legal Counsel Arneson, Special Legal Counsel Casey, Secretary Bonkowski, Principle Engineer Akiyoshi, Mr. Alex Aguilar, Mr. Matthew Veeh, Mr. Barkov Meserlian, Ms. Kellie Welch, Ms. Amy McNulty, Mr. Rich Mori, Ms. Julie Bendzick-Sin, Ms. JoAnn Corey, Ms. Rosemary Riddle, Mr. Bruce Newell, Mr. Jim Reed, Mr. James Fisler, Ms. Lauren Henderson, Mr. Dane Johnson, Mr. Alex Garcia, Mr. Owen O'Neil, Mr. Jessie Muncy, Ms. Sandra Garcia, Ms. Holli Christopher, Ms. Rebecca Hall, Ms. Codyanne Cornwell, Mr. Bob Denhaan, Ms. Stacy Taylor, Ms. Margaret Brown, and other members of the public and staff.

### ORAL COMMUNICATIONS:

Mr. James Fisler asked for the District's support at the upcoming Independent Special District of Orange County election as he is running for President

WRITTEN COMMUNICATIONS: None.

### PRESENTATION

#### CSUF LEADERSHIP DEVELOPMENT FOR PUBLIC AGENCIES PRESENTATION AND RECOGNITION OF DISTRICT GRADUATES

Using a PowerPoint presentation, Ms. Lauren Henderson, Program Developer with the University Extended Education, California State University, Fullerton provided an overview their series entitled "Leadership Development for Public Agencies". She acknowledged the District's most recent graduates of the program including Dane Johnson, Water Resources Planner; Alex Garcia, Sr. Instrumentation Technician; Owen O'Neil, Automation Supervisor; Jessie Muncy, Sr. Buyer and Sandra Garcia, Customer Service Supervisor.

## WORKSHOP

### SELECTION OF NEW IRWD LOGO

Using a PowerPoint presentation, Director of Public Affairs Beeman reported that IRWD has implemented a multi-phased approach to redesigning the District's logo. Ms. Beeman said that the first phase involved working with Chapman University student interns to formulate the District's vision for a logo that represents the future of IRWD. She said that the Chapman University student interns presented logo design concepts for review and input at the Water Resources Policy and Communications Committee meeting in July and that staff incorporated input from the Committee and refined the logo designs. She further said that these refined designs were presented to the Committee on August 11, 2016 and a preferred design was selected by the Committee for tonight's presentation. The intern from Chapman University, Ms. Holli Christopher, and the District's consultants from Idea Hall, Ms. Rebecca Hall and Ms. Codyanne Cornwell were introduced to the Board. The Board then reviewed the three designs, and selected a logo. General Manager Cook recognized staff for their efforts on the redesign.

Director LaMar said that item was reviewed by the Water Resources Policy and Communications Committee on August 11, 2016, and the Committee supported changing the logo. Director Swan asked that lapel pins be designed. On **MOTION** by LaMar, seconded and unanimously carried, **SUBJECT TO CREATING A SPECIFIC DESIGN FOR LAPEL PINS, THE BOARD SELECTED A NEW LOGO FOR THE DISTRICT.**

### CONSENT CALENDAR

Director LaMar asked that Item No. 7 be moved to the Action Calendar for discussion. There being no objection, this item was moved accordingly. On **MOTION** by LaMar, seconded and unanimously carried, **CONSENT CALENDAR ITEMS 3 THROUGH 6 AND 8 THROUGH 10 WERE APPROVED AS FOLLOWS:**

#### 5. MINUTES OF REGULAR BOARD MEETINGS

Recommendation: That the minutes of the August 8, 2016 Regular Board Meeting be approved as presented.

#### 6. JULY 2016 TREASURY REPORTS

Recommendation: That the Board receive and file the Treasurer's Investment Summary Report, the monthly interest rate SWAP summary for July 2016, and Disclosure Report of Reimbursements to Board members and staff; approve the July 2016 summary of payroll ACH payments in the total amount of \$1,655,417 and approve the July 2016 accounts payable disbursement summary of warrants 368924 through 369496, Workers' Compensation distributions, wire transfers, payroll withholding distributions and voided checks in the total amount of \$30,511,242.

CONSENT CALENDAR (CONTINUED)

8. ON-CALL CONSTRUCTION INSPECTION SERVICES VARIANCE

Recommendation: That the Board authorize the General Manager to execute Variance No. 2 with Andersonpenna in the amount of \$981,760 for on-call construction inspection services for two inspectors for a two-year period.

9. REIMBURSEMENT AGREEMENT FOR PLANNING AREA 51, DISTRICT 7 CAPITAL RECYCLED WATER FACILITIES

Recommendation: That the Board authorize the General Manager to execute a reimbursement agreement with Heritage Hills Irvine, LLC for the construction of IRWD's capital recycled water facilities, and authorize the addition of PA 51, District 7 capital recycled water facilities project 7169 in the amount of \$492,800, to the FY 2016-17 Capital Budget.

10. PLANNING AREA 51 HERITAGE FIELDS CAPITAL FACILITIES

Recommendation: That the Board authorize the General Manager to accept Heritage Field's construction contract with FYDAQ in the amount of \$178,980 for the District 1, Magnet and Terrapin Recycled Water Improvements, Projects 6732 and 6595; authorize the General Manager to accept Heritage Field's construction contract with FYDAQ in the amount of \$318,232 for the District 4, Area 2 Benchmark and Perspective and Benchmark from Bosque to 500 feet east of Bosque Improvements, Projects 6552, 6553, 6554, 6304 and 6306; authorize the General Manager to accept Heritage Field's construction contract with FYDAQ in the amount of \$468,062 for the District 4, Area 1 Benchmark from Character to Cadence, Modjeska from Benchmark to Irvine Boulevard, Theme from Cadence to Benchmark and Episode from Benchmark to Frame Improvements, Projects 6683 and 6684, authorize a budget increase for Project 4147 in the amount of \$660,000, from \$541,200 to \$1,201,200, and approve Contract Change Order Nos. 1, 2 and 3 to Projects 4153, 6476 and 4147 in the amounts of \$234,696, \$229,923 and \$674,515 respectively, for the addition of sewer pipeline, extension of domestic water and recycled water pipelines and upsizing recycled water pipelines within Marine Way; Approve Contract Change Order No. 4 to Project 4267, in the amount of \$295,525, for tasks related to upsizing the first phase of the Reach A Sewer; approve Contract Change Order No. 6 to Project 4614, in the amount of \$558,845, for tasks related to upsizing the second phase of the Reach A Sewer; and approve Contract Change Order No. 7 to Project 4614, in the amount of \$791,078.15, for tasks related to upsizing the third phase of the Reach A Sewer.

## ACTION CALENDAR

### 2016 LEGISLATIVE UPDATE

Director LaMar reported that AB 2087 had been amended, and updated the Board on its new language. Director Withers left the Board room. Director LaMar said due to these changes, he recommended that the District change its recommendation to “Watch” versus “Oppose”. There being no objection, on MOTION by LaMar, seconded and carried (4-1) (Swan, LaMar, Reinhart and Matheis voting aye, and Withers absent), **THE BOARD ADOPTED A “WATCH” POSITION ON AB 2087 (LEVINE).**

### ON-CALL CEQA/NEPA AND PERMITTING SERVICES CONSULTANT SELECTIONS

Director Withers returned to the Board room. Irvine Ranch Water District (IRWD) uses Professional Service Agreements to secure on-call environmental compliance and permitting services pursuant to the California Environmental Quality Act (CEQA), the National Environmental Policy Act (NEPA) and other regulatory requirements. On MOTION by Reinhart, seconded and unanimously carried, **THE BOARD AUTHORIZED THE GENERAL MANAGER TO EXECUTE PROFESSIONAL SERVICE AGREEMENTS WITH ESA, LSA ASSOCIATES, INC. AND PSOMAS TO PROVIDE ON-CALL CEQA/NEPA SERVICES FOR NOT-TO-EXCEED AMOUNTS OF \$150,000 EACH AND WITH HARMSWORTH ASSOCIATES AND GLENN LUKOS ASSOCIATES TO PROVIDE ON-CALL MONITORING AND PERMITTING SERVICES FOR NOT-TO-EXCEED AMOUNTS OF \$120,000 EACH.**

### CONSULTANT SELECTION FOR THE WATERSMART REPORTS PROGRAM

Using a PowerPoint presentation, Ms. McNulty provided an overview of the WaterSmart Reports Program. Ms. McNulty said that the Water Smart Reports Program provides customers with personalized water use reports separate from their monthly water bills and the data analytics portion of the program provides staff with program tracking and analysis capabilities. She then provided an overview of the key features of the program which include residential customer reports, online residential and commercial customer portals and data analytics and tracking.

Director LaMar reported that this item was reviewed and approved by the Water Resources Policy and Communications Committee on August 11, 2016. Director Swan made suggestions on how to acknowledge customers for doing a good job conserving water that is reflected in their monthly bills. On MOTION by LAMAR, seconded and unanimously carried, **THE BOARD AUTHORIZED THE GENERAL MANAGER TO EXECUTE A PROFESSIONAL SERVICES AGREEMENT WITH WATERSMART SOFTWARE IN THE AMOUNT OF \$489,510 TO PROVIDE WATER SMART REPORTS PROGRAM SERVICES FOR THE NEXT THREE YEARS.**

## TERMS TO ACQUIRE CAPACITY RIGHTS IN CROSS VALLEY CANAL RETURN PIPELINE

The Rosedale-Rio Bravo Water Storage District and IRWD are jointly developing the Stockdale Integrated Water Banking Project. The project includes construction of water banking recovery facilities on IRWD's Stockdale West property including a connection to Rosedale's Cross Valley Canal (CVC) Return Pipeline. A license agreement for IRWD to connect into and use Rosedale's Return Pipeline is required. The terms include IRWD receiving first priority rights to one-third of the permitted and unpermitted capacity in the CVC Return Pipeline for its conveyance of water from Stockdale West recovery wells and future approved IRWD projects.

On MOTION by Swan, seconded and unanimously carried, HE BOARD APPROVED THE PROPOSED TERMS TO ACQUIRE CAPACITY RIGHTS IN ROSEDALE-RIO BRAVO STORAGE DISTRICT'S CROSS VALLEY CANAL RETURN PIPELINE IN THE AMOUNT OF \$201,000 AND AUTHORIZED STAFF TO WORK WITH ROSEDALE TO DEVELOP AND EXECUTE AN AGREEMENT TO PURCHASE THE CAPACITY RIGHTS IN ACCORDANCE WITH THESE TERMS.

## GENERAL MANAGER'S REPORT

General Manager Cook reported that he heard there was a large concert at Irvine Lake which caused major traffic problems for residents in Santiago Canyon. Mr. Cook said there were concerns relative to IRWD's role as part owner of the lake. He said that Mr. Rob Jacobson spoke with the James Production company, who puts on these events, and as the property owner is the County of Orange, it is the responsible party and any complaints relative to concerts are to be directed to the Orange County Parks.

Mr. Cook reported on last Friday's pipe break at Turtle Ridge Drive which he said will be completed next week. He thanked Patrick Sheilds, Beth Beeman and the work crews for their efforts.

Mr. Cook noted last week's pricing on the 2016 Certificates of Participation with a AAA rating. He said that the underwriters were able to secure an interest rate of 2.9% for approximately \$148.5 million. He thanked Ms. Cheryl Clary and Mr. Rob Jacobson for their efforts.

## DIRECTORS' COMMENTS

Director LaMar reported that he attended an ACWA Energy meeting, and that this week he is planning to attend an Urban Water Institute conference in San Diego.

Director Withers commented on the upcoming ISDOC election with letters being sent asking for IRWD's support. Ms. Christine Compton said that an item can be submitted to a WRP Committee meeting for discussion. Mr. Withers said that he attended an NWRI Committee meeting last week and that there will be a farewell event scheduled for Mr. Jeff Mosher, an Asset Management Committee meeting today, and that next week that he will attend an OCSD

Steering Committee meeting, an OCSD Board meeting, and a LAFCO meeting relative to policies and procedures.

Director Swan reported on his attendance at a CASA conference in Monterey, a WACO monthly meeting, a WACO planning meeting, an OCWA lunch meeting, and a Santa Ana Watershed meeting. He also clarified which Board of Directors had been appointed versus elected, and corrected the number of appointed directors versus elected.

Director Reinhart said that he attended a MWDOC Board meeting.

Director Matheis noted that she will also be attending the upcoming Urban Water Institute conference in San Diego.

#### CLOSED SESSION

President Matheis said that the following Closed Session would be held this evening:

CLOSED SESSION CONFERENCE WITH LEGAL COUNSEL RELATIVE TO EXISTING LITIGATION - Government Code Section 54956.9(d)(1) IRWD v. OCWD (Case No.30-2016-00858584-CU-WM-CJC).

#### OPEN SESSION

Following the Closed Session, the meeting was reconvened with LaMar, Reinhart, Withers, Swan, and Matheis present. President Matheis said there was no action to report.

#### ADJOURNMENT

There being no further business, President Matheis adjourned the meeting.

APPROVED and SIGNED this 12th day of September 2016.

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President, IRVINE RANCH WATER DISTRICT

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Secretary IRVINE RANCH WATER DISTRICT

APPROVED AS TO FORM:

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Legal Counsel - Bowie, Arneson, Wiles & Giannone

September 12, 2016

Prepared and

submitted by: C. Compton 

Approved by: Paul Cook 

## CONSENT CALENDAR

### 2016 LEGISLATIVE UPDATE

#### SUMMARY:

This report provides an update on the 2016 legislative session and IRWD priorities. As legislation develops, staff will provide updates and recommendations to the Water Resources Policy and Communications Committee and the Board, as appropriate. Staff recommends that the Board receive and file this report.

#### BACKGROUND:

August 31, 2016, was the last day of the 2015-2016 legislative session and the last day for the Legislature to act on regular session bills this year. The Governor has until September 30 to sign or veto legislation passed by the Legislature this session. The 2017-2018 Regular Legislative Session will begin December 5, 2016, when newly-elected members are sworn in.

A copy of the 2016 Legislative Matrix is attached as Exhibit "A". Exhibit "B" is the "2016 Legislative Update: Links to Bill Texts," which contains links to the bills discussed below, unless a separate exhibit is noted.

#### State Budget Update:

##### *July Revenue Numbers:*

On August 11, 2016, California State Controller Betty Yee released her monthly report on the State's finances. She announced that July revenues came in \$591.3 million, or 9.8 percent, lower than the revenue assumptions contained in the 2016-2017 Budget. The shortfall was comprised of lower-than-anticipated revenues in all three State revenue categories: sales, personal income, and corporate taxes. State sales taxes came in at \$694.5 million instead of at the budgeted level of \$907.9 million. Personal income taxes came in at \$4.39 billion instead of at the budgeted level of \$4.71 billion, and corporate taxes came in at \$227.3 million instead of at the budgeted level of \$276.8 million. The State Controller explained that "The declines in all three revenue categories may be attributable to the slower rate of job growth when compared to 2015."

Total State disbursements for the month of July were \$10.42 billion, which was \$33.2 million lower than anticipated. Despite lower disbursements, the State ended the month of July with an outstanding internal borrowing loan balance of \$5.63 billion, which was \$545.5 million higher than anticipated.

2016 State Legislation:

*AB 2022 (Gordon, D-Los Altos) — Advanced Purified Demonstration Water:*

The WaterReuse Association of California, the Orange County Water District (OCWD) and the Orange County Sanitation District have co-sponsored AB 2022, authored by Assemblymember Richard Gordon (D, Los Altos). The bill would permit the bottling of advanced treated purified water for educational purposes and for the purpose of promoting water recycling. If enacted, the bill would allow OCWD to bottle water from the Groundwater Replenishment System (GWRS) for educational and demonstration purposes. Under current law, OCWD is unable to bottle GWRS water.

AB 2022 was passed by the State Senate on August 18, 2016, on a vote of 38 to 0, and passed by the Assembly on August 24 on a vote of 79 to 1. The bill has been engrossed and enrolled, and sent to the Governor.

As passed by the Legislature, AB 2022 permits the bottling of advanced treated purified water if the following conditions, among others, are met:

- Each bottle must not exceed eight ounces;
- The water must meet or exceed all federal and state drinking water;
- No more than 1,000 gallons of water may be bottled in any one calendar year;
- An operator bottling the advanced treated purified water may not provide the bottled water to more than 25 individuals per day or for more than 60 days per year;
- The bottled water may not be provided to anyone under the age of 18 without the consent of that individual's parent or legal guardian; and
- Each bottle must be labeled as being "Advanced Purified Water Sourced From [sic] Wastewater."

IRWD had adopted a "support" position on AB 2022 in January 2016.

*SB 974 (Senate Governance and Finance Committee) — Local Government Omnibus Act of 2016:*

Each year, the Senate Governance and Finance Committee authors the Local Government Omnibus Act, which is a bill that proposes minor changes to statutes affecting local agencies' powers and duties. The bill is a consensus bill meaning that if anyone objects to a change included in the bill, it is removed. This year's omnibus bill is SB 974. As in the past, the bill proposes relatively minor, noncontroversial changes to the laws affecting local agencies' powers and duties that do not warrant a separate and expensive bill. This year's bill includes clarifying, noncontroversial amendments to statutes affecting local agencies' power and duties related to

county recorders, veterans' records, notaries, general plans, local agency investment requirements, vehicle license fees, Kern County Water Authority, and sewer agency ordinance and resolutions.

In the beginning of the legislative year, staff submitted the proposed changes related to sewer agency ordinance and resolutions for the Board's consideration. Under state law today, various provisions of the Health and Safety Code related to sewer agency authorities intermittently refer to "ordinance" and "ordinance or resolution." The inconsistency may have resulted from prior amendments that did not conform to all references. This results in possible ambiguity as to the form of adoption required. Since both "ordinance" and "ordinance or resolution" are used in these sections, and are internally cross-referenced, it appeared that the intent was to allow the use of ordinances or resolutions. IRWD's proposal included in SB 974 seeks to make all references in these sections consistent, referencing ordinance or resolutions, so that there is no confusion as to which is required.

IRWD adopted a "support" position on SB 974 given the inclusion of District's sewer agency ordinance and resolution proposal in the bill. SB 974 was passed by both the State Senate and Assembly. The bill has been engrossed and enrolled, and sent to the Governor.

#### Other State Actions:

##### *Little Hoover Commission Study of Special Districts:*

As previously reported, the Little Hoover Commission has begun a new study of California special districts. To kick off the study, the Commission held a hearing on August 25, 2016, regarding California special districts. The hearing covered a wide range of issues related to special districts including property taxes, reserves, and consolidations. Additionally, the Commission received oral and written testimony from the California Special Districts Association, Association of California Healthcare Districts, North Tahoe Fire Protection District, the California Association of Local Agency Formation Commissions, CaliforniaCityFinance.com and the Howard Jarvis Taxpayers Association. A link to the written testimony submitted to the Commission is included in Exhibit "B". The next step in the study process is for the Commission to determine the scope of its study.

Both prior to and after the hearing, staff has been coordinating with the District's associations and with the workgroup of interested special districts put together by the California Special Districts Association to provide information to the Commission on special districts and to correct inaccurate information submitted to the Commission regarding special districts.

Staff will provide the Board with an update on any new developments related to the Little Hoover Commission's study and the workgroup, and will discuss next steps with the Board.

#### FISCAL IMPACTS:

Not applicable.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was reviewed by the Water Resources Policy and Communications Committee on September 1, 2016.

RECOMMENDATION:

RECEIVE AND FILE.

LIST OF EXHIBITS:

Exhibit "A" – IRWD Legislative Matrix

Exhibit "B" – 2016 Legislative Update Report: Links to Bill Texts

**EXHIBIT "A"**  
**IRWD 2016 LEGISLATIVE MATRIX**  
**Updated 09/06/2016**

<b>Bill No. Author</b>	<b>Title</b>	<b>IRWD Position</b>	<b>Summary/Effects</b>	<b>Status</b>
<b>AB 12</b> Cooley (D)	State Government: Administrative Regulations: Review		Requires each state agency after a noticed public hearing, to review the agency's regulations, identify any regulations that are duplicative, overlapping, inconsistent, or out of date, to revise those identified regulations, and report to the Legislature and Governor.	08/27/2015 - In SENATE Committee on APPROPRIATIONS: Held in committee.
<b>AB 45</b> Mullin (D)	Household Hazardous Waste		Requires the Department of Resources Recycling to adopt model ordinance for a comprehensive program for the collection of household hazardous waste. Authorizes a local jurisdiction proposing to enact an ordinance for the collection and diversion of such waste to adopt a Department model. Requires a determination as to whether a nonprofit organization has been created and funded to make grants to local entities for purposes related to the disposal of such waste.	06/29/2016 - In SENATE Committee on ENVIRONMENTAL QUALITY: Heard, remains in Committee.
<b>AB 259</b> Dababneh (D)	Personal Information Privacy		Requires an agency, if the agency was the source of the breach and the breach compromised a person's social security number, driver's license number, or California identification card number, to offer to provide the person with identity theft prevention and mitigation services at no cost for not less than 12 months.	08/27/2015 - In SENATE Committee on APPROPRIATIONS: Held in committee.
<b>AB 291</b> Atkins (D)	Tribal Gaming: Compact Ratification		Ratifies the tribal-state gaming compact entered into between the State and the Barona Band of Mission Indians, executed on a specified date. Provides that, in deference to tribal sovereignty, certain actions are not projects for the purposes of CEQA.	08/25/2016 - *****To GOVERNOR.
<b>AB 453</b> Salas (D)	Groundwater: Semitropic Water Storage District		Authorizes the Semitropic Water Storage District to collect groundwater extraction information and to require the reporting of groundwater information. Authorizes the district to impose fees on the extraction of groundwater from the basin.	09/01/2016 - Enrolled.
<b>AB 577</b> Bonilla (D)	Biomethane: Grant Program		Requires the development and implementation of a grant program to award grants for projects that produce biomethane, that build or develop collection and purification technology or infrastructure, or that upgrade or expand existing biomethane facilities. Authorizes moneys in the Greenhouse Gas Reduction Fund to be used to fund grants awarded under the program.	09/11/2015 - Re-referred to SENATE Committee on RULES.
<b>AB 590</b> Dahle (R)	Greenhouse Gas Reduction Fund		Provides that moneys in the Greenhouse Gas Reduction Fund account may be made available for expenditure by the State Energy Resources	08/27/2015 - In SENATE Committee on APPROPRIATIONS: Held in committee.

**IRWD 2016 LEGISLATIVE MATRIX**  
**Updated 09/06/2016**

<b>Bill No. Author</b>	<b>Title</b>	<b>IRWD Position</b>	<b>Summary/Effects</b>	<b>Status</b>
			Conservation and Development Commission for maintaining the current level of biomass power generation or geothermal energy generation in the State and revitalizing currently idle facilities in strategically located regions. Establishes requirements for an applicant to receive available funding for a facility's eligible electrical generation.	
<b>AB 615</b> Rendon (D)	Office of Sustainable Water Solutions: Assistance		Amends existing law that establishes the Office of Sustainable Water Solutions to promote permanent and sustainable drinking water and wastewater treatment solutions to ensure the effective and efficient provision of safe, clean, affordable, and reliable drinking water and wastewater treatment services and authorizes the office to provide technical assistance to disadvantaged communities and small drinking water systems and wastewater systems. Specifies the technical assistance that may be provided.	06/18/2015 - To SENATE Committee on ENVIRONMENTAL QUALITY.
<b>AB 647</b> Eggman (D)	Beneficial Use: Storing of Water Underground		Declares that the diversion of water to underground storage constitutes a beneficial use of water if the water so stored is thereafter applied to the beneficial purposes for which the appropriation for storage was made, or if the water is so stored consistent with a sustainable groundwater management plan, statutory authority to conduct groundwater recharge, or a judicial degree and is for specified purposes. Requires applying for a permit or petition for a change. Requires including specified conditions.	06/30/2015 - From SENATE Committee on NATURAL RESOURCES AND WATER with author's amendments.;06/30/2015 - In SENATE. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES AND WATER.
<b>AB 723</b> Chiu (D)	Housing: Finance		Relates to the allocation of funds under the Community Development Block Grant Program. Authorizes the Department of Housing and Community Development to issue a Notice of Funding Availability under which it may be determined that an applicant awarded funds is eligible to receive additional funds. Relates to multifamily rental housing development. Authorizes the Housing Finance Agency to waive certain requirements for very low income households. Makes changes concerning rental payment limitations.	09/01/2016 - Enrolled.
<b>AB 935</b> Salas (D)	Water Projects		Requires, upon appropriation by the Legislature, the Department of Water Resources to provide funding for a certain project, provided that certain conditions are met.	09/01/2016 - Enrolled.
<b>AB 937</b> Salas (D)	Groundwater Plan/Assistance: Disadvantaged Communities		Requires the Department of Water Resources to provide technical assistance to disadvantaged communities so that they may participate in	08/27/2015 - In SENATE Committee on APPROPRIATIONS: Held in committee.

**IRWD 2016 LEGISLATIVE MATRIX**  
**Updated 09/06/2016**

<b>Bill No. Author</b>	<b>Title</b>	<b>IRWD Position</b>	<b>Summary/Effects</b>	<b>Status</b>
			groundwater planning, including planning for regional groundwater banking, with any county or other local agency.	
<b>AB 938</b> Rodriguez (D)	Sustainable Groundwater Management Act: Basins		Amends the Sustainable Groundwater Management Act. Authorizes a watermaster or local agency administering an adjudicated basin to elect that the basin be subject to the provisions of the Act. Authorizes a court with jurisdiction over the basin to issue and order to set a hearing to determine if the basin shall be subject to the Act. Requires written notice to the Department of Water Resources that the basin is subject to the Act. Requires the notice to be posted on the Department's Web site.	03/09/2016 - From SENATE Committee on NATURAL RESOURCES AND WATER with author's amendments.;03/09/2016 - In SENATE. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES AND WATER.
<b>AB 954</b> Mathis (R)	Water and Wastewater Loan and Grant Pilot Program		Creates the Water and Wastewater Loan and Grant Program. Require the State Water Resources Control Board to establish a pilot program to provide low-interest loans and grants to local agencies for grants to eligible individual homeowners for purposes relating to drinking water and wastewater treatment. Creates a related fund for use under the program. Transfers a specified amount of funds from the General Fund to the fund.	08/27/2015 - In SENATE Committee on APPROPRIATIONS: Held in committee.
<b>AB 1144</b> Rendon (D)	Renewables Portfolio Standard Program: Credits		Provides that renewable energy credits may be used to meet certain portfolio content requirements if the credits are earned by electricity that is generated by an entity that would be excluded from the definition of an electrical corporation by operation of the exclusions for entities employing landfill or digester gas technology that meets certain requirements, including that the electricity is used at a wastewater treatment facility. Prohibits certain marketing claims.	08/17/2015 - From SENATE Committee on APPROPRIATIONS with author's amendments.;08/17/2015 - In SENATE. Read second time and amended. Re-referred to Committee on APPROPRIATIONS.
<b>AB 1173</b> Williams (D)	Water Equipment: Backflow Prevention Devices Testing		Requires, if a local health officer does not maintain a program for certificate of backflow prevention device testers, the testing and maintenance of such device be performed by a person who has received a California-specific certification for such devices from one of the specified entities or a similar certification provider deemed acceptable by the State Water Resources Control Board.	07/14/2015 - In SENATE Committee on ENVIRONMENTAL QUALITY: Not heard.
<b>AB 1201</b> Salas (D)	Delta: Predation by Nonnative Species	Support	Requires the State Department of Fish and Wildlife to develop a science-based plan that addresses predation by nonnative species upon species of fish listed pursuant to the State Endangered Species Act that reside all or a portion of their lives in the Sacramento-San Joaquin Delta and that considers predation reduction for all Chinook salmon and other native	08/27/2015 - In SENATE Committee on APPROPRIATIONS: Held in committee.

**IRWD 2016 LEGISLATIVE MATRIX**  
**Updated 09/06/2016**

<b>Bill No. Author</b>	<b>Title</b>	<b>IRWD Position</b>	<b>Summary/Effects</b>	<b>Status</b>
			specifies not listed pursuant to the Act. Provides for input from the scientific community, water users and fishing communities.	
<b>AB 1242</b> Gray (D)	Water Quality and Storage		Provides provisions of law requiring a specified increase in statewide water storage capacity, and updating water strategies and implementation plans. Requires the Water Resources Control Board, in formulating policy for water quality control and adopting or approving a water quality control plan for the Sacramento-San Joaquin Delta, to take into consideration any applicable groundwater sustainability plan or alternative and available information on impacts of groundwater use and beneficial uses of water.	09/02/2015 - In SENATE. Read second time. To third reading.;09/02/2015 - Re-referred to SENATE Committee on RULES.
<b>AB 1550</b> Gomez (D)	Greenhouse Gases: Investment Plan: Communities		Relates to greenhouse gases and investments in communities. Requires the Greenhouse Investment Fund plan to allocate a percentage of moneys in the Greenhouse Gas Reduction Fund to projects located within disadvantaged communities, an additional minimum percentage to projects that benefit low-income households or to certain projects located within low-income communities and within a specified distance of disadvantaged communities.	09/03/2016 - Enrolled.
<b>AB 1586</b> Mathis (R)	Environmental Quality Act: Temperance Flat Reservoir		Prohibits the court, in an action or proceeding alleging a violation of the California Environmental Quality Act, from staying or enjoining the construction or operation of the Temperance Flat Reservoir unless the court makes certain findings.	04/04/2016 - In ASSEMBLY Committee on NATURAL RESOURCES: Failed passage.;04/04/2016 - In ASSEMBLY Committee on NATURAL RESOURCES: Reconsideration granted.
<b>AB 1587</b> Mathis (R)	Groundwater		Requires, in implementing competitive grants under the Water Quality, Supply, and Infrastructure Improvement Act of 2014, for projects that develop and implement groundwater planning requirements, special consideration be given to those projects that would create groundwater recharge basins in areas of fallow farmland. Appropriates a specified amount of funding from the proceeds of the Act for the purposes of the grant program.	05/27/2016 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
<b>AB 1588</b> Mathis (R)	Water and Wastewater Loan and Grant Program		Authorizes the State Water Resources Control Board to establish a program to provide funding to counties and qualified nonprofits to award low-interest loans and grants for purposes relating to drinking water and wastewater treatment. Authorizes the board to use funding appropriated in an item of the Budget Act of 2016 from the State Water Quality Control	08/30/2016 - *****To GOVERNOR.

**IRWD 2016 LEGISLATIVE MATRIX**  
**Updated 09/06/2016**

Bill No. Author	Title	IRWD Position	Summary/Effects	Status
			Fund, or to use any other funding source consistent with the purposes of the program.	
<b>AB 1589</b> Mathis (R)	Environmental Quality Act: Exemption:Drought Mitigation		Exempts from the requirements of the California Environmental Quality Act, for the duration of a state of emergency proclaimed by the Governor due to drought conditions, certain projects that are undertaken, carried out, or approved by a public agency to mitigate those drought conditions.	04/04/2016 - In ASSEMBLY Committee on NATURAL RESOURCES: Failed passage.;04/04/2016 - In ASSEMBLY Committee on NATURAL RESOURCES: Reconsideration granted.
<b>AB 1590</b> Mathis (R)	State Water Resources Control Board: Appointments		Requires that additional members be appointed to the State Water Resources Control Board by the Legislature. Requires that vacancies be immediately filled by the appointing power.	03/10/2016 - From ASSEMBLY Committee on WATER, PARKS AND WILDLIFE with author's amendments.;03/10/2016 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on WATER, PARKS AND WILDLIFE.
<b>AB 1647</b> Waldron (R)	Environmental Quality: Water Storage Facilities		Exempts from the Environmental Quality Act a project to expand the storage capacity of an existing surface water storage facility, or to replace an existing surface water storage facility, that is owned and operated by a public entity if that public entity adopts, by resolution, findings and declarations that the project meets specified criteria.	04/04/2016 - In ASSEMBLY Committee on NATURAL RESOURCES: Not heard.
<b>AB 1649</b> Salas (D)	State Water Policy: Storage: Joint Powers Authorities		Requires the Department of Water Resources to develop a State water policy giving priority to the formation of joint powers authorities to address critical surface water storage needs and to funding of surface water projects. Provides that specified projects will meet statewide goals and provide specified public benefits to the greatest extent.	06/28/2016 - In SENATE Committee on NATURAL RESOURCES AND WATER: Failed passage.;06/28/2016 - In SENATE Committee on NATURAL RESOURCES AND WATER: Reconsideration granted.
<b>AB 1694</b> Lackey (R)	Grant Program for School Drinking Water		Requires the State Water Resources Control Board to establish a grant program for grants to public elementary and secondary schools to improve access to, and the quality of drinking water. Specifies various types of projects for which the grants could be awarded. Provides the priority for such grants. Requires the establishment of grant application procedures. Appropriates funds therefor. Provides such funds would supplement not supplant other state funds apportioned to these local agencies.	03/31/2016 - Re-referred to ASSEMBLY Committees on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS and EDUCATION.
<b>AB 1704</b> Dodd (D)	Water Rights: Irrigation: Lake or Streambed Agreements		Allows for a water use registrant to construct a facility to store water for small irrigation use during periods of high streamflow in exchange for the registrant reducing diversions during periods of low streamflow. Authorizes	08/11/2016 - In SENATE Committee on APPROPRIATIONS: Held in committee.

**IRWD 2016 LEGISLATIVE MATRIX**  
**Updated 09/06/2016**

<b>Bill No. Author</b>	<b>Title</b>	<b>IRWD Position</b>	<b>Summary/Effects</b>	<b>Status</b>
			the issuance and renewal of registrations on those streamflow segments if the registration is consistent with applicable streamflow requirements. Relates updated procedures governing the diversion of water and notification of proposed registration.	
<b><u>AB 1713</u></b> Eggman (D)	Sacramento-San Joaquin Delta: Peripheral Canal	Oppose	Prohibits the construction of a peripheral canal in the Sacramento-San Joaquin Delta unless expressly authorized by an initiative voted on by the voters of California, and requires the Legislative Analyst's Office to complete a prescribed economic feasibility analysis prior to a vote authorizing the construction of a peripheral canal.	05/27/2016 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
<b><u>AB 1738</u></b> McCarty (D)	Building Standards: Dark Graywater		Defines dark graywater as a specified wastewater that comes from kitchen sinks and dishwashers. Requires the Department of Housing and Community Development, at the next triennial building standards rulemaking cycle, to develop and submit for approval building standards for the construction, installation, and alteration of dark graywater systems for indoor and outdoor uses.	06/21/2016 - From SENATE Committee on TRANSPORTATION AND HOUSING: Do pass to Committee on ENVIRONMENTAL SAFETY.
<b><u>AB 1749</u></b> Mathis (R)	Environmental Quality Act: City of Porterville		Requires a lead agency, under the Environmental Quality Act, in certifying an environmental impact report and in granting approvals for a certain water treatment project determined by the City of Porterville based on a certain feasibility study, as specified, to comply with specified procedures, including the concurrent preparation of the record of proceedings and the certification of the record of proceedings within a certain number of days of the filing of a specified notice.	08/17/2016 - In SENATE. From third reading. To Inactive File.
<b><u>AB 1755</u></b> Dodd (D)	Open and Transparent Water Data Act		Enacts the Open and Transparent Water Data Act. Requires the Department of Water Resources to create, operate, and maintain a statewide integrated water data platform that integrates existing water and ecological data information from multiple databases and provide data on completed water transfers and exchanges. Creates a related fund to provide money to specified entities for the improvement of water data or for certain other purposes of the Act.	09/05/2016 - *****To GOVERNOR.
<b><u>AB 1773</u></b> Obermolte (R)	Local Government Renewable Energy Program		Amends existing law that authorizes a local governmental entity to receive a bill credit to a designated benefiting account, for electricity exported to the electrical grid by an eligible renewable generating facility. Includes as a local governmental entity for this purpose a joint powers authority.	08/25/2016 - *****To GOVERNOR.

**IRWD 2016 LEGISLATIVE MATRIX**  
**Updated 09/06/2016**

<b>Bill No. Author</b>	<b>Title</b>	<b>IRWD Position</b>	<b>Summary/Effects</b>	<b>Status</b>
<b><u>AB 1815</u></b> Alejo (D)	Global Warming Solutions Act of 2006		Requires the Environmental Protection Agency to establish a comprehensive technical assistance program, upon the appropriation of moneys from the Greenhouse Gas Reduction Fund, for eligible applicants assisting eligible communities. Requires the Agency to provide technical assistance to communities based on a specified priority. Requires the Department of Finance to include in a specified investment plan an allocation to the Agency for the technical assistance program.	05/27/2016 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
<b><u>AB 1842</u></b> Levine (D)	Water: Pollution: Fines		Relates to discharge of various pollutants into the waters of the state. Imposes an additional civil penalty for each gallon or pound of material discharged. Requires that the civil penalty be reduced for every gallon or pound of the illegally discharged material that is recovered and properly disposed of by the responsible party. Prohibits a person from being subject to multiple civil penalties for the same act or failure to act. Relates to the Lempert-Keene-Seastrand Oil Spill Prevention and Response Act.	08/26/2016 - *****To GOVERNOR.
<b><u>AB 1866</u></b> Wilk (R)	High-Speed Rail Bond Proceeds: Water Projects		Provides that no further bonds shall be sold for high-speed rail purposes pursuant to the Safe, Reliable High-Speed Passenger Train Bond Act for the 21st Century, except as specifically provided with respect to an existing appropriation for high-speed rail purposes for early improvement projects. Requires redirection of the unspent proceeds received from outstanding bonds issued for other high-speed rail purposes to fund capital expenditures for water projects.	04/11/2016 - In ASSEMBLY Committee on TRANSPORTATION: Failed passage.;04/11/2016 - In ASSEMBLY Committee on TRANSPORTATION: Reconsideration granted.
<b><u>AB 1871</u></b> Waldron (R)	Coastal Resources: Development: Water Supply Projects		Limits the growth-inducing impacts the Coastal Commission may consider in its review of a coastal development permit for a water supply project.	03/18/2016 - From ASSEMBLY Committee on NATURAL RESOURCES with author's amendments.;03/18/2016 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES.
<b><u>AB 1882</u></b> Williams (D)	Oil and Gas: Groundwater Monitoring		Requires the Division of Oil, Gas, and Geothermal Resources to provide an opportunity and the information necessary for the State Water Resources Control Board and the appropriate regional water quality control board to review, comment on, and propose additional requirements for Class II underground injection well projects.	05/27/2016 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.

**IRWD 2016 LEGISLATIVE MATRIX**  
**Updated 09/06/2016**

<b>Bill No. Author</b>	<b>Title</b>	<b>IRWD Position</b>	<b>Summary/Effects</b>	<b>Status</b>
<b>AB 1925</b> Chang (R)	Desalination: Statewide Goal		Requires the State Department of Water Resources to establish a goal of a specific number of acre-feet of drinking water to be desalinated per year by a specified year and a greater number of acre-feet by a later year, as part of a comprehensive water plan that fully evaluates other, specified options.	05/04/2016 - In ASSEMBLY Committee on APPROPRIATIONS: Not heard.
<b>AB 1928</b> Campos (D)	Water Efficiency Landscape Irrigation Equipment		Postpones the date by which the State Energy Resources Conservation and Development Commission must adopt performance standards and labeling requirements for landscape irrigation equipment. Prohibits the sale or the offer for sale of that equipment manufactured on or after the effective date of the standards and requirements unless the equipment meets the performance standards and labeling requirements and is certified by the manufacturers as meeting the performance standards.	08/30/2016 - *****To GOVERNOR.
<b>AB 1986</b> Wilk (R)	Water Resources: Permit to Appropriate: Application		Requires, if the State Water Resources Control Board has not rendered a final determination on an application for a permit to appropriate water within a specified time period from the date the application to appropriate water was filed, the Board to issue a notice and provide an opportunity for protests before rendering a final determination.	05/27/2016 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
<b>AB 1989</b> Jones (R)	Water and Greenhouse Gas Emissions Reduction		Requires the State Water Resources Control Board to develop and implement a grant and low-interest loan program for water projects that result in the net reduction of water-related greenhouse gas emissions.	05/27/2016 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
<b>AB 2022</b> Gordon (D)	Advanced Purified Demonstration Water	Support	Authorizes the operator of an advanced purified demonstration water facility to cause demonstration water to be bottled and distributed as samples for educational purposes and to promote water recycling. Prohibits the water in each bottle from exceeding a specified amount. Prohibits the water from being distributed unless it meets certain drinking water standards. Requires a recycling program for distributed bottles. Requires a bottler to submit sample labels and specified analyses.	09/01/2016 - *****To GOVERNOR.
<b>AB 2040</b> Melendez (R)	Outdoor Water Efficiency Act of 2016: Tax Credits		Allows, under the Personal Income Tax Law, a credit for a percentage of the amount paid or incurred by a qualified taxpayer for water-efficiency improvements on qualified real property in the State. Limits the cumulative amount for each qualifying property. Requires the amount of the credit to be multiplied. Requires the taxpayer to obtain and retain a certification of the improvements from the appropriate water agency and to provide a copy of same to the Franchise Tax Board upon request.	05/27/2016 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.

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<b>Bill No. Author</b>	<b>Title</b>	<b>IRWD Position</b>	<b>Summary/Effects</b>	<b>Status</b>
<b>AB 2076</b> Garcia (D)	Water and Energy Use Efficiency: Breweries		Requires the Department of Water Resources to develop water and energy use efficiency certification guidelines for the production of beer that includes certification seals. Requires the Department of Alcoholic Beverage Control to consult in label design and approval for the use of a seal on a beer bottle. Provides the procedures for the application of certification of a brewery. Requires the submission of a certification fee.	04/11/2016 - Re-referred to ASSEMBLY Committees on WATER, PARKS AND WILDLIFE and GOVERNMENTAL ORGANIZATION.
<b>AB 2087</b> Levine (D)	Regional Conservation Investment Strategies	Watch	Authorizes the Department of Fish and Wildlife, or any other public agency, to propose a regional conservation investment strategy. Authorizes a conservation action and a habitat enhancement to fulfill compensatory mitigation requirements in an incidental take permit issued pursuant to the State Endangered Species Act to reduce adverse fish and wildlife impacts pursuant to a lake or streambed alteration agreement. Relates to mitigation credit agreements and the sale of mitigation credits.	09/03/2016 - Enrolled.
<b>AB 2099</b> Stone (D)	Safe Drinking Water Benefit		Requires the State Department of Social Services to convene a workgroup to develop recommendations for delivering a water benefit to supplement that purchase of drinking water for low-income households with inadequate access to safe drinking water. Requires a plan for identification of eligible households and the delivery of the benefit to those households. Requires the submission of a report with the recommendations to specified entities.	08/01/2016 - In SENATE Committee on APPROPRIATIONS: Not heard.
<b>AB 2257</b> Maienschein (R)	Local Agency Meeting: Agenda: Online Posting		Amends the Ralph M. Brown Act, which enables the legislative body of a local agency to call both regular and special meetings. Requires online meeting agendas of specified legislative bodies to be posted on the agency's Web site homepage accessible through a direct link. Provides the requirements that exempts those legislative bodies from this requirement. Relates to integrated agenda management. Defines terms for these purposes.	08/26/2016 - *****To GOVERNOR.
<b>AB 2292</b> Gordon (D)	Global Warming Solutions Act: Disadvantaged Communities		Requires the State Environmental Protection Agency to update the State Communities Environmental Health Screening Tool that identifies disadvantaged communities regarding the monitoring and regulation of sources of emissions of greenhouse gases, when it comes to investment opportunities in the multiyear investment plan for moneys in the Greenhouse Gas Reduction Fund.	05/27/2016 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.

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<b>Bill No. Author</b>	<b>Title</b>	<b>IRWD Position</b>	<b>Summary/Effects</b>	<b>Status</b>
<b>AB 2304</b> Levine (D)	State Water Market Clearinghouse	Seek Amendments	Establishes the State Water Market Clearinghouse within the Natural Resources Agency for making the water transfer and exchange process more transparent and more efficient and to enhance access to voluntary water market transactions. Requires a water market platform on the Clearinghouse's Internet Web site regarding water transfer or exchange. Requires convening a related task force, and requires the Clearinghouse to consider and act on the recommendations regarding transfers or exchanges.	05/25/2016 - In ASSEMBLY Committee on APPROPRIATIONS: Not heard.
<b>AB 2389</b> Ridley-Thomas S (D)	Special Districts: District-Based Elections		Amends existing law relating to special districts, district-based elections and reapportionment. Authorizes a governing body of a special district, to require, by resolution, the election of the members of its governing body be elected using district-based elections without being required to submit the resolution to the voters for approval. Requires the resolution to include a declaration that the change in the method of election is being made in furtherance of the purposes of the Voting Rights Act of 2001.	08/22/2016 - *****To GOVERNOR.
<b>AB 2438</b> Waldron (R)	Environmental Quality Act		Relates to the Environmental Quality Act (CEQA). Exempts from CEQA a project for the construction and installation of a new pipeline or the maintenance, repair, restoration, reconditioning, relocation, replacement, removal, or demolition of an existing pipeline for the distribution of recycled water within a public street, highway, or right-of-way. Requires a public hearing.	06/29/2016 - In SENATE Committee on ENVIRONMENTAL QUALITY: Failed passage.;06/29/2016 - In SENATE Committee on ENVIRONMENTAL QUALITY: Reconsideration granted.
<b>AB 2444</b> Garcia E (D)	Water, Climate, Coastal Protection and Outdoor Access		Enacts the California Parks, Water, Climate, and Coastal Protection and Outdoor Access for All Act of 2018 which, if approved by voters, would authorize the issuance of bonds in an unspecified amount pursuant to the State General Obligation Bond Law to finance a water, climate, and coastal protection and outdoor access for all program.	08/22/2016 - In SENATE. Read second time. To third reading.
<b>AB 2446</b> Gordon (D)	State Water Resources Control Board: Judicial Review		Updates provisions regarding the issuance of an order by the State Water Resources Control Board and an aggrieved party petitioning the superior court for a writ of mandate for review of a decision or order issued by the Board. Provides that a decision or order under the Safe Drinking Water Act by the Board is not subject to court review if no aggrieved party petitions for such writ within a specified time period after a service of a copy of the order or decision issued by the Board.	09/01/2016 - *****To GOVERNOR.

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<b>Bill No. Author</b>	<b>Title</b>	<b>IRWD Position</b>	<b>Summary/Effects</b>	<b>Status</b>
<b><u>AB 2456</u></b> Cooley (D)	Public Employee Retirement Benefits: Prefunding		Requires the Board of Administration of the Public Employee's Retirement System to develop, establish, and administer the State Employer's Pension Prefunding Trust Program in order to encourage State and local public employers that provide a defined benefit pension plan to their employees to effectively manage their pension contributions.	03/17/2016 - To ASSEMBLY Committee on PUBLIC EMPLOYEES, RETIREMENT AND SOCIAL SECURITY.;03/17/2016 - From ASSEMBLY Committee on PUBLIC EMPLOYEES, RETIREMENT AND SOCIAL SECURITY with author's amendments.;03/17/2016 - In ASSEMBLY. Read second time and amen
<b><u>AB 2468</u></b> Hadley (R)	Public Employees' Retirement System		Authorizes a public agency that has contracted with the Board of Administration of PERS to offer an alternative formula from that required by the California Public Employees Pension Reform Act to be applicable to certain miscellaneous, nonsafety employees, if specified contingencies are satisfied. Requires that such employees who are not new members, that were employed by a public employer that did not contract with PERS until a specified date, be covered by a default benefit formula.	04/12/2016 - From ASSEMBLY Committee on PUBLIC EMPLOYEES, RETIREMENT AND SOCIAL SECURITY with author's amendments.;04/12/2016 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on PUBLIC EMPLOYEES, RETIREMENT AND SOCIAL SECURITY.
<b><u>AB 2480</u></b> Bloom (D)	Source Watersheds: Financing		Declares it to be state policy that source watersheds are recognized and defined as integral water infrastructure components. States the importance to maintaining the reliability, quantity, timing, and quality of the State's environmental, drinking, and agricultural water supply as climate change advances of source watersheds that supply the majority of the state's drinking and irrigated agricultural water. States that maintenance and repair of source watersheds is eligible for certain forms of financing.	08/31/2016 - Enrolled.
<b><u>AB 2488</u></b> Dababneh (D)	Protected Species: Stickleback: Possession	Support	Permits the Department of Fish and Wildlife to authorize, under the State Endangered Species Act, the take of unarmored threespine stickleback attributable to the periodic dewatering, inspection, maintenance, modification, or repair of the Metropolitan Water District of Southern California's Foothill Feeder water supply facility from Castaic Dam to the Joseph Jensen Treatment Plant in the County of Los Angeles, if certain conditions are satisfied. Requires certain reporting by the District.	09/01/2016 - Enrolled.
<b><u>AB 2515</u></b> Weber (D)	Water Conservation in Landscaping Act		Requires the Department of Water Resources to either update the model water-efficient landscaping ordinance or make a finding that an update to such ordinance at that time is not a useful or effective means to improve the efficiency of landscape water use or the administrative of the ordinance. Requires the Department to submit an update to the Building Standards	08/30/2016 - *****To GOVERNOR.

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<b>Bill No. Author</b>	<b>Title</b>	<b>IRWD Position</b>	<b>Summary/Effects</b>	<b>Status</b>
			Commission during the triennial revision process of the State Green Building Standards Code.	
<b>AB 2550</b> Patterson (R)	Instream Flow Curtailments and Compensation		Requires the State Water Resources Control Board to financially compensate a person who is unable to divert the full amount of water authorized under his or her permit or license due to a board-issued instream flow curtailment, and a person who is required to file a statement of diversion and use is unable to divert the same amount of water in the succeeding year due to a board-issued instream flow curtailment.	03/08/2016 - To ASSEMBLY Committee on WATER, PARKS AND WILDLIFE.
<b>AB 2551</b> Gallagher (R)	Contract Procurement: Surface Storage Projects		Allows a local agency to use the construction manager at-risk, design-build, or design-build operate method of delivery on a surface storage project. Requires such contracts to be awarded on the best value basis or to the lowest responsible bidder. Establishes a procurement process for these contracts. Provides reasons which would prohibit a contracting entity from being prequalified or short-listed.	09/01/2016 - Enrolled.
<b>AB 2555</b> Levine (D)	Building Standards: Water Conserving Plumbing Fixtures		Requires the State Building Standards Commission to develop regulations and mandatory building standards for the installation of water conserving plumbing fixtures in existing nonresidential and public buildings, including installation in all nonresidential buildings by a specified date.	06/22/2016 - Re-referred to SENATE Committee on TRANSPORTATION AND HOUSING.
<b>AB 2578</b> Bigelow (R)	Environmental Quality Act: Exemptions: Water Service		Exempts from the requirements of the California Environmental Quality Act, a project within a public street or highway or other public right-of-way for the maintenance, repair, restoration, reconditioning, relocation, replacement, removal or demolition of an existing water distribution pipeline to address water leakage. Exempts activities undertaken by a local agency in response to a drought to acquire water supplies, extend service, or provide water for drinking and sanitation.	03/18/2016 - From ASSEMBLY Committee on NATURAL RESOURCES with author's amendments.;03/18/2016 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on NATURAL RESOURCES.
<b>AB 2583</b> Frazier (D)	Sacramento-San Joaquin Delta Reform Act of 2009	Oppose	Relates to the Sacramento-San Joaquin Delta Reform Act of 2009, the Delta Stewardship Council, the Delta Plan and the California Water Fix. Provides that the new Delta water conveyance infrastructure is interdependent parts of a system. Amends the point of diversion to a point on the Sacramento River. Prohibits construction of a new Delta conveyance facility until contracts are signed by contractors who will receive the water that commit them to pay costs and to mitigate facility property taxes.	05/27/2016 - From ASSEMBLY Committee on WATER, PARKS AND WILDLIFE without further action pursuant to JR 62(a).

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<b>Bill No. Author</b>	<b>Title</b>	<b>IRWD Position</b>	<b>Summary/Effects</b>	<b>Status</b>
<b><u>AB 2594</u></b> Gordon (D)	Stormwater Resources: Use of Captured Water		Authorizes a public entity that captures stormwater from urban areas, in accordance with a stormwater resource plan, before the water reaches a natural channel to use the captured water under certain circumstances.	09/05/2016 - *****To GOVERNOR.
<b><u>AB 2601</u></b> Eggman (D)	Building Standard: Residential Property: Graywater		Requires the Department of Housing and Community Development to adopt and submit to Building Standards Commission for approval amendments to the building standards adopted pursuant to these provisions that require that all new single-family and duplex residential dwelling units include specified components to allow the separate discharge of graywater for direct irrigation.	03/10/2016 - To ASSEMBLY Committee on HOUSING AND COMMUNITY DEVELOPMENT.
<b><u>AB 2617</u></b> Mayes (R)	Water Efficiency Measures		Requires the Department of Water Resources to develop and solicit comments on a proposed report and, to issue a final report that contains recommendations to public entities to help them achieve water-resilient communities and prioritize cost-effective water efficiency measures with low adverse environmental impacts based on local conditions.	06/09/2016 - To SENATE Committee on RULES.
<b><u>AB 2801</u></b> Gallagher (R)	Local Government: Fees and Charges: Protest		Requires a local agency to keep written protests securely stored and sealed until a public hearing. Prohibits an agency from requiring such protest to include property identification other than street address unless there is not a street address, and from requiring such protest to be submitted on an agency form. Requires the agency maintain such protests for a minimum time period following the date of the hearing to consider the protests.	08/30/2016 - Signed by GOVERNOR.;08/30/2016 - Chaptered by Secretary of State. Chapter No. 248
<b><u>AB 2835</u></b> Cooper (D)	Public Employees: Orientation Programs		Requires certain public employers to provide newly hired employees a specified public employee orientation within a certain number of months of hiring. Requires, if employees are represented, that an exclusive representative be given certain notice in advance of the orientation. Requires that a representative be permitted to make a presentation. Requires an affected public employee to provide certain employee information to a representative. Excepts certain in-home supportive services providers.	08/31/2016 - In SENATE. From third reading. To Inactive File.
<b><u>AB 2890</u></b> Env Safety & Toxic Material Cmt	Drinking Water and Wastewater Operator Certification		Requires the State Water Resources Control Board to appoint an advisory committee to examine and certify people to operate water treatment plants and water distribution systems, and to review all proposed regulations and make recommendations to the Board. Relates to water treatment operator-in-training. Revises procedures for the suspension or revocation of a valid	08/29/2016 - *****To GOVERNOR.

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<b>Bill No. Author</b>	<b>Title</b>	<b>IRWD Position</b>	<b>Summary/Effects</b>	<b>Status</b>
			operator license. Authorizes certificate reciprocity. Provides certificate application fraud civil liability. Relates to an advisory committee.	
<b>AB 2909</b> Levine (D)	Water: Transfer or Exchange: Expedited Review	Support if Amended	Requires the Water Resources Board to develop and implement an expedited review process for approval or petitions to temporarily change the point of diversion, place of use, or purpose of use due to a transfer or exchange of water or water rights if the transfer is for a recurring water transfer or an environmentally beneficial transfer. Requires the development of a review process for reoccurring water transfers that utilize facilities of the State Water Project.	08/11/2016 - In SENATE Committee on APPROPRIATIONS: Held in committee.
<b>AB 2910</b> Local Government Cmt	Local Government: Organization: Omnibus Bill		Revises provisions of the Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000 to remove references to a public agency's current service area and instead include references to the public agency's jurisdictional boundaries. Provides a purpose of a local agency formation commission is to encourage government services efficiency. Relates to commission membership. Relates to agency reorganization. Relates to uncollected revenues and taxes upon disincorporation. Relates to hospital districts.	08/22/2016 - Signed by GOVERNOR.;08/22/2016 - Chaptered by Secretary of State. Chapter No. 165
<b>ACA 8</b> Bloom (D)	Local Government Financing: Water Facilities: Voters		Proposes an amendment to the Constitution to create an exception to a limit for a rate imposed by a city, county, city and county, or special district to service bonded indebtedness incurred to fund the construction, reconstruction, rehabilitation, or replacement of wastewater treatment facilities and related infrastructure, potable water producing facilities and related infrastructure, nonpotable water producing facilities and related infrastructure, and stormwater treatment facilities and infrastructure.	06/23/2016 - To ASSEMBLY Committees on LOCAL GOVERNMENT and APPROPRIATIONS.
<b>SB 7</b> Wolk (D)	Housing: Water Meters: Multi-Unit Structures		Requires a landlord to make submeter disclosures to a tenant prior to executing a rental agreement. Relates to tenant billing procedures and requirements. Authorizes building standards requiring the installation of water submeters in multiunit residential buildings by licensed contractors. Relates to structural exemptions and the use of meters or submeters in new mixed-use residential and commercial structures as a condition for service. Requires water purveyors to measure the amount of water supplied.	08/31/2016 - In SENATE. SENATE concurred in ASSEMBLY amendments. To enrollment.
<b>SB 32</b> Pavley (D)	Global Warming Solutions Act of 2006: Emissions Limit		Requires the State Air Resources Board to approve a statewide greenhouse gas emissions limits that are the equivalent to a specified percentage below	08/26/2016 - Enrolled.;08/26/2016 - *****To GOVERNOR.

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			the 1990 level to be achieved by a specified date and to adopt rules and regulations in an open public process to achieve the maximum, technologically feasible, and cost-effective greenhouse gas emissions reductions. Requires a report relating to the greenhouse gas emission reduction achieved towards those limits.	
<b><u>SB 122</u></b> Jackson (D)	Environmental Quality Act: Record of Proceedings		Amends the Environmental Quality Act. Relates to a database for the collection, storage, retrieval, and dissemination of environmental documents, notices of exemption, notices of preparation, notices of determination, and notices of completion provided to the office that shall be available online to the public through the internet. Provides for the phase-in of electronic documents. Requires the lead agency to submit to the State Clearinghouse a sufficient number of environmental documents for review.	08/30/2016 - *****To GOVERNOR.
<b><u>SB 163</u></b> Hertzberg (D)	Bail: Pretrial Release	Oppose	Provides for the procedure of approving and accepting bail, and issuing an order for the appearance and release of an arrested person. Requires that bail be set in a fixed amount. Requires a judge or magistrate to take into consideration the protection of the public, the seriousness of the offense charge, previous criminal record of the defendant, and the probability of his or her appearing at trial or at a hearing of the case. Ensure the protection of a victim or victim family members. Relates to parole.	08/18/2016 - From ASSEMBLY Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS with author's amendments.;08/18/2016 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.
<b><u>SB 223</u></b> Galgiani (D)	Division of Boating and Waterways: Oversight Committee		Requires the Division of Boating and Waterways to establish an advisory and oversight committee to evaluate and monitor the activities of the Division relating to the management and control or eradication of invasive aquatic plants. Provides the expertise of members of the committee. Requires the committee to meet a specified amount of times per year and to communicate any findings or recommendations to the Division.	08/27/2015 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
<b><u>SB 248</u></b> Pavley (D)	Oil and Gas		Provides for an inspection program for all activities regulated pursuant to provisions concerning drilling, operation, maintenance, and abandonment of oil and gas wells and certain tanks and facilities. Requires inspections to be reported and posted, and the recording of information in a well history, including fluid injection, chemical composition, and waste disposal injection. Provides for shutdown. Requires updating related regulations. Requires notification and clearance of chemical injection.	08/11/2016 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.

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<b>Bill No. Author</b>	<b>Title</b>	<b>IRWD Position</b>	<b>Summary/Effects</b>	<b>Status</b>
<b><u>SB 286</u></b> Hertzberg (D)	Electricity: Direct Transactions		Requires the Public Utilities Commission to adopt and implement a schedule that implements a specified phase-in period for expanding direct transactions for individual retail nonresidential end-use customers over a maximum time period, raising the allowable limit of kilowatthours that can be supplied by other electrical corporation's distribution service territory to that corporation's share of the gigawatthours. Requires such customers to be responsible for their share of the costs of specified programs.	08/11/2016 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
<b><u>SB 471</u></b> Pavley (D)	Water, Energy, Reduction of Greenhouse Gas Emissions		Includes reduction of greenhouse emissions associated with water treatment among the investments that are eligible for funding from the Greenhouse Gas Reduction Fund. Requires the State Water Resources Control Board to establish a grant and loan program for water projects that result in the net reduction of water-related greenhouse gas emissions.	08/27/2015 - In ASSEMBLY. Joint Rule 62(a) suspended.;08/27/2015 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
<b><u>SB 551</u></b> Wolk (D)	State Water Policy: Water and Energy Efficiency	Seek Amendments	Declares the policy of the state that water use and water treatment shall operate in a manner that is as energy efficient as in feasible and energy use and generation shall operate in a manner that is as water efficient as is feasible. Requires all relevant state agencies to consider this state policy when revising, or establishing policies, regulations, and grant criteria when pertinent to these uses of water and energy.	08/27/2015 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
<b><u>SB 552</u></b> Wolk (D)	Public Water Systems: Disadvantaged Communities		Authorizes the state water resources control board to order consolidation where a public water system or a state small water system, serving a disadvantaged community, fails to provide an adequate supply of safe drinking water. Limits authority of the state board to order consolidation or extension of service. Includes a mobilehome park. Relates to funding and public meetings regarding delivery of safe drinking water.	09/03/2016 - Enrolled.
<b><u>SB 554</u></b> Wolk (D)	Delta Levee Maintenance		Relates to the maintenance or improvement of project or nonproject levees in the Sacramento-San Joaquin Delta. Declares legislative intent to reimburse up to a certain percent of costs incurred in any year for the maintenance or improvement of levees in excess of a specified sum per mile of levee and authorizes a specified board to advance funds in an amount that does not exceed a certain percent of the estimated state share to an eligible local agency. Extends the authorization to reimburse such funds.	09/05/2016 - *****To GOVERNOR.

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<b>Bill No. Author</b>	<b>Title</b>	<b>IRWD Position</b>	<b>Summary/Effects</b>	<b>Status</b>
<b>SB 814</b> Hill (D)	Drought: Excessive Water Use: Urban Retail Water Supply	Watch	Prohibits excessive water use during specified time periods. Requires each urban retail water supplier to establish a method to identify and discourage excessive water use. Authorizes the establishment of a rate structure that penalizes such excessive water users. Authorizes an excessive water use ordinance, rule, or tariff condition. Makes a violation thereof an infraction or administrative civil penalty. Authorizes the penalty for a violation to be based on conditions identified by the water supplier.	08/29/2016 - Chaptered by Secretary of State. Chapter No. 230
<b>SB 885</b> Wolk (D)	Contracts: Design Professionals: Indemnity	Oppose	Specifies, for contracts, that a design professional only the has the duty to defend claims that arise out of, or pertain or relate to, negligence, recklessness, or willful misconduct of the design professional. Prohibits a waiver of these provisions. Updates claims defense procedures. Provides any clause, covenant, or agreement contained in, collateral to, or affecting a contract that requires a design professional to defend claims or lawsuits against other persons or entities is void and unenforceable.	06/16/2016 - From ASSEMBLY Committee on JUDICIARY with author's amendments.;06/16/2016 - In ASSEMBLY. Read second time and amended. Re-referred to Committee on JUDICIARY.
<b>SB 919</b> Hertzberg (D)	Water Supply: Creation or Augmentation of Local Water		Requires the Public Utilities Commission to address the oversupply of renewable energy resources through a tariff or other economic incentive for electricity purchased by customers operating facilities that create or augment local water supplies to reduce the cost of electricity to those facilities.	08/30/2016 - *****To GOVERNOR.
<b>SB 970</b> Leyva (D)	Greenhouse Gas Reduction Fund: Grants: Recyclables		Requires the Department of Resources Recycling and Recovery, in awarding a grant for organic composting or anaerobic digestion to consider the amount of greenhouse gas emission reductions resulting and the amount of organic material diverted from landfills as a result of the project. Permits grants for large-scale regional integrated projects. Provides that additional funds from the Greenhouse Gas Reduction Fund shall be used for in-state development of infrastructure for new value-added products.	09/01/2016 - *****To GOVERNOR.
<b>SB 974</b> Governance and Finance Cmt	Local Government: Omnibus	Support	Amends existing law regarding local government to include storing survey records, military discharge copy fees, notaries public, city financial condition reports, local sinking fund moneys investment, the Subdivision Map Act, local safety land use elements, Fort Ord reuse and redevelopment, sewage services and facilities fees, use of design-build, vehicle license fees, income tax collection, floating home taxation, synthetic grass, business assessments, and liquefied petroleum tax revenues.	08/30/2016 - *****To GOVERNOR.

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<b>Bill No. Author</b>	<b>Title</b>	<b>IRWD Position</b>	<b>Summary/Effects</b>	<b>Status</b>
<b><u>SB 995</u></b> Pavley (D)	Well Standards		Requires the Department of Water Resources to update well standards for water wells, monitoring wells and cathodic protection wells based on existing knowledge and to submit these standards to the State Water Resources Control Board. Includes abandonment ordinances. Requires the state board to revise the model ordinances upon receipt of the standards.	08/11/2016 - In ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
<b><u>SB 1026</u></b> Nielsen (R)	Lake or Streambed Alteration Agreements		Relates to lake or streambed alteration agreement. Limits the diversions and obstructions governed by alteration agreement requirements to the diversions and obstructions that alter the bed, channel, or bank of a river, stream or lake. Exempts routine maintenance and repair of facilities for instream agricultural diversions.	04/12/2016 - In SENATE Committee on NATURAL RESOURCES AND WATER: Failed passage.
<b><u>SB 1043</u></b> Allen (D)	Biogas and Biomethane		Requires the State Air Resources Board to consider and adopt policies to significantly increase the sustainable production and use of biogas. Requires the Board, to ensure the production and use of renewable gas provides direct environmental benefits and identify barriers to the rapid development and use of biogas and potential sources of funding. Revises the definition of biogas and biomethane for pipeline integrity and safety purposes.	05/27/2016 - In SENATE Committee on APPROPRIATIONS: Held in committee.
<b><u>SB 1173</u></b> Hertzberg (D)	Plumbing Fixtures: CalConserve Water Use Efficiency		Requires for commercial property the replacement of any noncompliant fixture or fitting in specified additions, alterations, and improvements to such property and the replacement of any noncompliant plumbing fixture or fitting in all such property in accordance with a specified schedule based on floor space. Provides related definitions. Authorizes county offices of education and school district boards to receive moneys from the CalConserve Water Use Efficiency Fund for efficiency projects.	03/30/2016 - From SENATE Committee on TRANSPORTATION AND HOUSING with author's amendments.;03/30/2016 - In SENATE. Read second time and amended. Re-referred to Committee on TRANSPORTATION AND HOUSING.
<b><u>SB 1213</u></b> Wieckowski (D)	Renewable Energy: Biosolids: Matching Grants		Requires the Energy Resources Conservation Commission to develop and implement the Biosolids to Clean Energy Grant Program to provide matching funds to local wastewater agencies for biosolids to clean energy capital projects. Appropriates a specified amount of funds annually to the Commission for purposes of the program.	05/27/2016 - In SENATE Committee on APPROPRIATIONS: Held in committee.
<b><u>SB 1233</u></b> McGuire (D)	Joint Powers Authority: 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	08/11/2016 - In ASSEMBLY. Joint Rule 62(a) suspended.;08/11/2016 - In

**IRWD 2016 LEGISLATIVE MATRIX**  
**Updated 09/06/2016**

<b>Bill No. Author</b>	<b>Title</b>	<b>IRWD Position</b>	<b>Summary/Effects</b>	<b>Status</b>
			customer's property served by the local agency or its publicly owned utility. Requires repayment through an efficiency charge on the customer's water bill. Authorizes the authority to issue bonds to fund the program. Makes technical changes.	ASSEMBLY Committee on APPROPRIATIONS: Held in committee.
<b><u>SB 1260</u></b> Allen (D)	Stormwater: Municipalities: Online Resource Center		Requires the State Water Resources Control Board to establish an online resource center that addresses measures available for municipalities to comply with municipal stormwater permit requirements. Authorizes the inclusion of certain information.	08/19/2016 - Chaptered by Secretary of State. Chapter No. 153
<b><u>SB 1262</u></b> Pavley (D)	Water Supply Planning		Requires a city or county that determines a project is subject to the California Environmental Quality Act to identify any water system whose service area includes the project site and any water system adjacent to the project site. Provides that hauled water is not a source of water for the purposes of an assessment. Revises the definition of sufficient water supply.	08/30/2016 - *****To GOVERNOR.
<b><u>SB 1263</u></b> Wieckowski (D)	Public Water System: Permits		Requires a person submitting an application for a permit for a proposed new public water system to submit a preliminary technical report to the state Water Resources Control Board before initiating construction of any water-related improvement. Provides the bases for denial of such permit by the Board. Prohibits a building permit for residential development when the water supply is water transported by a water hauler, bottled water, a water-vending machine, or a retail water facility.	09/03/2016 - Enrolled.
<b><u>SB 1298</u></b> Hertzberg (D)	Local Government: Fees and Charges	Concerned	Relates to Articles XIIIC and XIIID of the California Constitution, which require 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 and an existing law which prescribes specific procedures and parameters for local jurisdictions to comply with such Articles. Defines the term sewer for these purposes.	08/31/2016 - In ASSEMBLY. To Inactive File.
<b><u>SB 1317</u></b> Wolk (D)	Groundwater Extraction Permit	Opposed Unless Amended	Requires a city or county overlying a basin designated as a high- or medium- priority basin to establish a process for the issuance of a groundwater extraction permit for the development of a groundwater extraction facility that requires an applicant to demonstrate the extraction from a proposed facility will not contribute to or create an undesirable	06/28/2016 - In ASSEMBLY Committee on WATER, PARKS AND WILDLIFE: Not heard.

**IRWD 2016 LEGISLATIVE MATRIX**  
**Updated 09/06/2016**

<b>Bill No. Author</b>	<b>Title</b>	<b>IRWD Position</b>	<b>Summary/Effects</b>	<b>Status</b>
			result. Provides a city or county overlying such basin does not have to have a permit process under specified conditions.	
<b><u>SB 1318</u></b> Wolk (D)	Local Government: Drinking Water and Wastewater Service		Amends existing law that regulates to formation, consolidate, and merger of new districts to include annexation of a disadvantaged unincorporated community, a special district's sphere of influence, the review of adequacy and need for water and wastewater services in such communities, and a service review of the municipal services of unincorporated island, fringe, or legacy communities.	06/09/2016 - To ASSEMBLY Committees on LOCAL GOVERNMENT and ENVIRONMENTAL SAFETY AND TOXIC MATERIALS.
<b><u>SB 1340</u></b> Wolk (D)	Water Conservation in Landscaping Act		Requires a local agency to require a permit for the installation of specified automatic irrigation systems, or the expansion of the same specified automatic irrigation system to increase the irrigated area by a specified percentage or more, for a landscape project. Allows the governing body of a local agency to adopt an ordinance prescribing fees for filing an application for the permit, subject to restrictions. Authorizes specified persons to submit the application for a residential landscape system.	08/28/2016 - Enrolled.
<b><u>SB 1383</u></b> Lara (D)	Short-Lived Climate Pollutants: Methane: Landfills		Requires the State Air Resources Board to adopt regulations that achieve specified targets for reducing organic waste in landfills. Authorizes local jurisdictions to charge fees to recover costs of compliance. Authorizes an analysis of progress in reducing such waste. Authorizes incentives or additional requirements, depending on the outcome of the analysis. Requires the adoption of regulations concerning livestock and dairy manure management. Relates to short-lived climate pollutants and recycling goals.	08/30/2016 - From ASSEMBLY Committee on NATURAL RESOURCES: Do pass as amended.;08/31/2016 - In ASSEMBLY. Read second time and amended. To third reading.;08/31/2016 - In ASSEMBLY. Read third time. Passed ASSEMBLY. *****To SENATE for concurrence.:08/3
<b><u>SB 1415</u></b> Bates (R)	Environmental Quality Act: Local Water Projects		Amends the Environmental Quality Act which requires a lead agency to call a scoping meeting for transportation-related projects and projects of statewide, regional, or areawide significance to require that lead agency to call a scoping meeting to receive public comments for local projects for stormwater or dry weather runoff capture and reuse, water recycling, or wastewater treatment to improve water quality.	04/21/2016 - Re-referred to SENATE Committee on APPROPRIATIONS.
<b><u>SB 1425</u></b> Pavley (D)	Water Energy Nexus Registry		Requires the State Air Resources Board to develop a registry of greenhouse gas emission resulting from the water-energy nexus using the best available data. Authorizes a contract with a qualified nonprofit organization to develop and administer the registry, including actions of the former	09/03/2016 - Enrolled.

**IRWD 2016 LEGISLATIVE MATRIX**  
**Updated 09/06/2016**

<b>Bill No. Author</b>	<b>Title</b>	<b>IRWD Position</b>	<b>Summary/Effects</b>	<b>Status</b>
			California Climate Action Registry as they relate to the water-energy nexus.	
<b>SB 1440</b> Cannella (R)	Water Supply and Infrastructure Improvement		Requires a lead agency, in certifying the environmental impact report and in granting approvals for certain water storage projects funded, in whole or in part, by Proposition I, to comply with specified procedures. Authorizes the lead agency to concurrently prepare the record of proceedings for the project. Requires the Judicial Council to adopt a rule of court to establish procedures applicable to actions or proceedings seeking judicial review.	03/10/2016 - To SENATE Committees on ENVIRONMENTAL QUALITY and JUDICIARY.
<b>SB 1456</b> Galgiani (D)	Safe Drinking Water State Revolving Fund Law		Amends an existing law which establishes the Safe Drinking Water State Revolving Fund. Authorizes certain costs to be funded by loans or other repayable financing, grants, principal forgiveness, or a combination of grants and loans or other financial assistance, regardless of whether the community water system or not-for-profit noncommunity water system. Limits the principal forgiveness to capital improvements serving specified severely disadvantaged communities.	09/01/2016 - *****To GOVERNOR.
<b>HR 2689</b> Walters (R)	Eligible Water Resources Projects	Support	Clarifies the scope of eligible water resources projects under the Water Resources Development Act of 1986 and the Water Resources Reform and Development Act of 2014.	06/10/2015 - In HOUSE Committee on TRANSPORTATION & INFRASTRUCTURE: Referred to Subcommittee on WATER RESOURCES AND ENVIRONMENT.
<b>HR 4615</b> Huffman (D)	Water Department Gross Income Exclusion	Support	Amends the Internal Revenue Code of 1986 to exclude from gross income amounts received from a water department for water conservation efficiency measures and water runoff management improvements.	02/25/2016 - INTRODUCED.;02/25/2016 - To HOUSE Committee on WAYS AND MEANS.
<b>S 2533</b> Feinstein (D)	Water Supplies for California and Drought Resiliency		Provides short-term water supplies to drought-stricken California, provides for long-term investments in drought resiliency throughout the Western United States.	05/17/2016 - Subcommittee on WATER AND POWER hearings held.
<b>S 2848</b> Inhofe (R)	Water Conservation and Development		Provides for the conservation and development of water and related resources, authorizes the Secretary of the Army to construct various projects for improvements to rivers and harbors of the United States.	06/20/2016 - From SENATE Committee on ENVIRONMENT AND PUBLIC WORKS: Reported by Senator Inhofe as amended.;06/20/2016 - In SENATE. Placed on SENATE Legislative Calendar under General Orders.

## Exhibit "B"

2016 Legislative Update Report:  
Links to Bill Texts  
(as of September 6, 2016)

Bill Number/Version Date	Link to Bill Text
AB 2022 (Gordon) as enrolled	<a href="http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201520160AB2022">http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201520160AB2022</a>
SB 974 (Senate Governance and Finance Committee) as enrolled	<a href="http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201520160SB974">http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201520160SB974</a>
Little Hoover Commission Written Testimony submitted for the August 25, 2016, hearing	<a href="http://www.lhc.ca.gov/studies/agendas/Aug16.html">http://www.lhc.ca.gov/studies/agendas/Aug16.html</a>

September 12, 2016

Prepared and

submitted by: C. Compton

Approved by: Paul Cook 

## CONSENT CALENDAR

### ELECTION OF THE INDEPENDENT SPECIAL DISTRICTS OF ORANGE COUNTY 2017-2018 OFFICERS

#### SUMMARY:

Last month, the Independent Special Districts of Orange County (ISDOC) sought candidates to serve as the association's officers and on its Executive Committee for the 2017-2018 term. The deadline for candidate nominations was August 19, 2016. Having received 10 nominations, ISDOC has called an election for the offices of President, First Vice President, Second Vice President, and Third Vice President. Each ISDOC Member District is entitled to participate in the election and ballots are due to ISDOC by September 27, 2016.

The Water Resources Policy and Communications Committee reviewed the candidates for the ISDOC offices. The Committee recommends that the Board authorize IRWD to cast its ballot in favor of Mike Scheafer (Costa Mesa Sanitary District) for President, Sandra Jacobs (Santa Margarita Water District) for 1<sup>st</sup> Vice President, Mark Monin (El Toro Water District) for 2<sup>nd</sup> Vice President, and Mary Aileen Matheis (IRWD) for 3<sup>rd</sup> Vice President, and authorize the District to submit its ballot to ISDOC no later than the September 27, 2016, deadline.

#### BACKGROUND:

ISDOC is a membership association of Orange County's 25 independent special districts. Its purpose is to advance the interests of Orange County special districts through advocacy of sound public policy, educational opportunities to enhance special district governance and services, and collaboration with others to elevate awareness of the role of special districts. ISDOC does not have any responsibility for the Orange County Special Districts Selection Committee, which is a separate and unrelated entity.

ISDOC has sought nomination of candidates interested in serving as ISDOC officers and on its Executive Committee for the 2017-2018 term. The ISDOC Executive Committee determines the direction and focus of ISDOC. The Executive Committee is comprised of the ISDOC President, First Vice President, Second Vice President, Third Vice President, Secretary, Treasurer and the Immediate Past President. The responsibilities of each office are as follows:

- President: The President is the chief executive officer of ISDOC. He or she presides at all meetings of the Board of Directors and the Executive Committee; appoints all committees; and represents ISDOC as its official spokesperson;
- First Vice President: The First Vice-President chairs the Program Committee, and in the absence of the President, serves as the President;

The Water Resources Policy and Communications Committee reviewed the candidates for the ISDOC offices. The Committee recommends that the Board authorize IRWD to cast its ballot in favor of Mike Scheafer (Costa Mesa Sanitary District) for President, Sandra Jacobs (Santa Margarita Water District) for 1<sup>st</sup> Vice President, Mark Monin (El Toro Water District) for 2<sup>nd</sup> Vice President, and Mary Aileen Matheis (IRWD) for 3<sup>rd</sup> Vice President, and authorize the District to submit its ballot to ISDOC no later than the September 27, 2016, deadline.

FISCAL IMPACTS:

Not applicable.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was reviewed by the Water Resources Policy and Communications Committee on September 1, 2016

RECOMMENDATION:

THAT THE BOARD AUTHORIZE IRWD TO CAST ITS BALLOT IN FAVOR OF MIKE SCHEAFER (COSTA MESA SANITARY DISTRICT) FOR PRESIDENT, SAUNDRA JACOBS (SANTA MARGARITA WATER DISTRICT) FOR 1<sup>ST</sup> VICE PRESIDENT, MARK MONIN (EL TORO WATER DISTRICT) FOR 2<sup>ND</sup> VICE PRESIDENT, AND MARY AILEEN MATHEIS (IRWD) FOR 3<sup>RD</sup> VICE PRESIDENT, AND AUTHORIZE THE DISTRICT TO SUBMIT ITS BALLOT TO ISDOC NO LATER THAN THE SEPTEMBER 27, 2016, DEADLINE.

LIST OF EXHIBITS:

Exhibit "A" – ISDOC Ballot and Candidate Information  
Exhibit "B" – Additional Candidate Correspondence

EXHIBIT "A"



August 24, 2016

**Mailing Address**

P.O. Box 20895  
Fountain Valley, CA 92728

**Meeting Location**

MWDOC/OCWD  
18700 Ward Street  
Fountain Valley, CA 92708

(714) 963-3058  
(714) 964-5930 fax

[www.mwdoc.com/isdoc](http://www.mwdoc.com/isdoc)

**Executive Committee**

**President**

**Hon. Mike Scheafer**  
*Costa Mesa Sanitary District*

**1<sup>st</sup> Vice President**

**Hon. Jim Fisler**  
*Mesa Water District*

**2<sup>nd</sup> Vice President**

**Hon. Saundra Jacobs**  
*Santa Margarita Water District*

**3<sup>rd</sup> Vice President**

**Hon. Joel Rattner**  
*Rossmoor/Los Alamitos Area Sewer District*

**Secretary**

**Hon. Leslie Keane**  
*Orange County Cemetery District*

**Treasurer**

**Hon. Joan C. Finnegan**  
*Municipal Water District of Orange County*

**Immediate Past President**

**Hon. Rich Freschi**  
*Serrano Water District*

**Staff Administration**

**Heather Baez**

*Municipal Water District of Orange County*

**RE: Election of Independent Special District of Orange County (ISDOC) Officers**

Dear Member Districts,

The nomination period for Executive Committee officer positions closed on August 19th. At this time, ISDOC is conducting a vote of Regular Special District Members for the election of officers. This letter serves as official notice of the election.

The names of nominated candidates are printed on the ballot; however, any elected or appointed official from a Regular Member District has the ability to run for an officer position as a write-in candidate. If elected, a write-in candidate will need to provide a resolution supporting election to the position from its District before he/she can be seated.

The Executive Committee meets at 7:30 am on the first Tuesday of the month. Meetings are open to the public. Duties of Executive Committee members are contained in the ISDOC bylaws, which may be found at the ISDOC website - <http://www.mwdoc.com/ISDOC>.

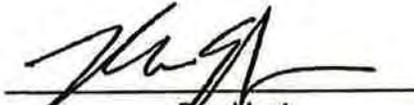
Each Regular Member district in good standing shall be entitled to one vote. In accordance with current bylaws, the vote must be cast (signed) by the district's presiding officer or an alternate selected by the district board.

You may submit your ballot via mail or email to Heather Baez: P.O. Box 20895, Fountain Valley, CA 92728 (mail) or [hbaez@mwdoc.com](mailto:hbaez@mwdoc.com) (email). **Ballots must be received by 5:00 p.m. on Tuesday, September 27, 2016 in order to be counted. Even if positions are uncontested, it is important to submit a ballot since a quorum of voting members is required for the election of officers.**

The names of officers elected will be announced at the September 29th quarterly meeting.

If you have any questions or wish to discuss the election process further, please contact Heather Baez (MWDOC) at [hbaez@mwdoc.com](mailto:hbaez@mwdoc.com) or (714) 593-5012.

Sincerely,



President

Mike Scheafer, President  
Independent Special Districts of Orange County

**Enclosed:** Ballot for ISDOC Election of Officers  
Candidates' Statements

# **INDEPENDENT SPECIAL DISTRICTS OF ORANGE COUNTY ELECTION OF OFFICERS**

The ISDOC Executive Committee consists of the President, First Vice President, Second Vice President, Third Vice President, Secretary, Treasurer and Immediate Past President. Officers are elected in September of even numbered years for two year terms. Please vote for one candidate per seat or you may elect to write in another individual. If elected, however, write in candidates will need to provide a resolution from their Board supporting their election before they can be seated.

The ISDOC bylaws indicate, "At the end of the nominating period if only one candidate is nominated for a vacant seat, that candidate shall be deemed selected." This is the case for the Secretary and Treasurer positions, therefore they are not on the ballot. Leslie Keane of the Orange County Cemetery District and Joan Finnegan from the Municipal Water District of Orange County, respectfully, have been selected to these seats.

**Cast your Vote:** Please cast your vote for the remaining seats by placing an "X" on the line next to the individual for which you wish to vote in each position. If you are writing in a candidate, please include their district affiliation and position. **THE SIGNATURE PAGE IS ON THE REVERSE SIDE OF THE BALLOT. IT MUST BE SIGNED BY YOUR VOTING REPRESENTATIVE IN ORDER TO BE COUNTED.**

### **President**

\_\_\_\_\_ Michael Scheafer, President  
Costa Mesa Sanitary District

or

\_\_\_\_\_

\_\_\_\_\_ James R. Fisler, Director  
Mesa Water District

### **First Vice President (Programs)**

\_\_\_\_\_ Sandra F. Jacobs, Director  
Santa Margarita Water District

or

\_\_\_\_\_

\_\_\_\_\_ Arlene Schafer, Assistant Secretary  
Costa Mesa Sanitary District

### **Second Vice President (Membership)**

\_\_\_\_\_ Doug Davert, President  
East Orange County Water District

or

\_\_\_\_\_

\_\_\_\_\_ Mark Monin, Director  
El Toro Water District

### **Third Vice President (Legislation)**

\_\_\_\_\_ Mary Aileen Matheis, President  
Irvine Ranch Water District

or

\_\_\_\_\_

\_\_\_\_\_ Dr. Allan Bernstein, President  
Orange County Mosquito & Vector Control District

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DISTRICT NAME

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SIGNATURE OF VOTING REPRESENTATIVE

**Ballots must be received no later than 5 p.m. September 27, 2016.**

You may return your ballot by mail or email to:

Heather Baez  
P.O. Box 20895  
Fountain Valley, CA 92728  
Attention: ISDOC Executive Committee Election  
OR Email: [hbaez@mwdoc.com](mailto:hbaez@mwdoc.com)

It has been my honor to serve the member Districts of ISDOC, the Independent Special Districts of Orange County, as President for the past two years. During the past two years we have experienced unparalleled success in bringing ISDOC into a prominent position in California Special Districts.

Under my leadership, ISDOC received the prestigious California Special Districts Association (CSDA) Chapter of the Year for 2015. We have enhanced the social media presence of ISDOC with our Facebook and newsletter. We continue to work hard for our members in the area of State Special District legislative issues.

Personally I currently serve as the President of the Costa Mesa Sanitary District. I am a board member for the Special Districts Risk Management Authority and serve on its Legislative Committee. I also serve on two CSDA committees involving membership and education. Working with these two organizations has given me a broad perspective of how various types of Special Districts work and the challenges they individually face. I enjoy being a voice for Orange County Special Districts on the state level.

I humbly ask for your support to re-elect me as President of ISDOC. I will continue to represent you, the Independent Special Districts of Orange County in the way you deserve. I look forward to continuing my service.

MIKE SCHEAFER

## Elect James R. Fisler ISDOC President

### **James (Jim) R. Fisler – Director, Mesa Water District**



**Experience:** With a passion for public policy and public service, Director Fisler would be honored to receive your vote to serve as President of the Independent Special Districts of Orange County (ISDOC). He currently serves as ISDOC 1<sup>st</sup> Vice President.

**Vision:** Director Fisler is committed to representing the mutual interests of ISDOC's members, including 26 independent special districts that serve the needs of Orange County's water, wastewater, sanitary, cemetery, vector control, library, recreation and parks, and other specialized services.

**Knowledge:** If elected ISDOC President, Director Fisler pledges to facilitate information sharing about current issues and trends related to special districts, and to advocate for the shared interests of ISDOC members.

Director Fisler was appointed to the Mesa Water District Board of Directors in 2009, elected in 2010 and re-elected in 2012. He served as Mesa Water's Board President from 2012-2014. He was also elected in 2011, and re-elected in 2014, as an Alternate Commissioner to OC LAFCO representing Special Districts.

Since 2014, Director Fisler has served as ISDOC's 2<sup>nd</sup> Vice President and subsequently as 1<sup>st</sup> Vice President. The natural progression would be for Director Fisler to next serve as ISDOC President. Please consider voting for Director Fisler as ISDOC President.

I am seeking your vote and support for the position of ISDOC 1st Vice President. I have decades of experience, knowledge, strong leadership, and a sincere desire represent you as ISDOC as Program Chairman and 1st Vice President. My dedication to public service is evident by positions that I have held such as the City of Costa Mesa's former Mayor, Councilmember, and Planning Commissioner, Costa Mesa Sanitary District Board President, Vice President, Secretary, Assistant Secretary (currently) & Director, LAFCO Chair and Commissioner, Costa Mesa Chamber of Commerce Chair, Harbor-Mesa Lions Club President, CSDA President, Vice President, and Secretary, CSDA Finance and Membership Committees.

My vision for ISDOC is to achieve partnerships for different services and keep costs down while staying on top. I believe I am the best qualified candidate for this position and would be honored to have your vote. I will serve you well.

Arlene Schafer  
Assistant Secretary  
Costa Mesa Sanitary District

I have had the privilege of serving for the past 14 years as a special district official and as a city council member and mayor. Serving in this capacity has allowed me to see from different perspectives how local governments work and the important roles they play as service providers to their communities. It is this perspective and my experience as a special district and city official that I wish to contribute as ISDOC 2<sup>nd</sup> Vice President.

Special districts continue to defend against public policy threats and other challenges in Sacramento and here at home. Keeping our districts informed and engaged as members of ISDOC and CSDA is critically important as we work to remain the closest, most accessible form of government to the people. I will make this a priority as ISDOC 2<sup>nd</sup> Vice President in addition to being an advocate in our communities and with our lawmakers, the media, and others, so they come to understand and value the unique role that special districts play.

Thank you for your consideration of my candidacy for ISDOC 2<sup>nd</sup> Vice President.

Douglass Davert  
President  
East Orange County Water District  
(714) 318-9550  
[dougdavert@ca.rr.com](mailto:dougdavert@ca.rr.com)

## **MARK MONIN – 2<sup>nd</sup> Vice President (Membership)**

As an El Toro Water District (ETWD) Director, it has been my pleasure to regularly attend and participate at the ISDOC monthly Executive Committee meetings and Quarterly Luncheons. As the affiliated county chapter to the California Special Districts Association (CSDA), it is important that our chapter membership remain strong and active to ensure our voice is heard in Sacramento.

I am a staunch advocate, representing ETWD and County-wide interests with elected officials in Sacramento and as a member of the Association of California Water Agencies, California Association of Sanitation Agencies, CSDA, the Orange County Water Association and ISDOC.

My fiscal responsibility spans over 35 years in the investment management industry. I received my Bachelor's degree from Canisius College and my MBA from Pepperdine University.

I am interested in serving in the Second Vice President position to achieve even a higher degree of membership satisfaction. I understand the duties and responsibilities of the Second Vice President position and stand ready to commit my time, energy and skills to serve, promote and advance the overarching goals and objectives of ISDOC and its members.

I respectfully ask for your vote,

**Mark Monin, Director  
El Toro Water District**

August 25, 2016

I am seeking the office of 3rd Vice President of Independent Special District of Orange County (ISDOC) at the suggestion of other ISDOC colleagues. Several years ago I was privileged to serve as President of ISDOC. Since my term ended I continued to attend ISDOC meetings on a monthly basis and participate in discussion re ACWA, legislative issues, and local activities.

I am ready to assume the duties of the office of 3rd Vice President because of my lifelong interest in legislation and my ability to keep aware of state and local legislation bi-weekly updates by IRWD staff.

I also participate in the Southern California Legislative Task force in its by-weekly tele-conferences. I have found the meetings innovative and rewarding not only as to content, but also the inter-change of ideas from the many attendees. I ask for your support.

Mary Aileen Matheis  
IRWD Board

# ELECT MIKE SCHEAFER ISDOC EXECUTIVE COMMITTEE PRESIDENT

## Mike Scheafer—President Costa Mesa Sanitary District



### PREVIOUS EXPERIENCE SERVING SPECIAL DISTRICTS

- ◆ ISDOC Executive Committee  
President
- ◆ ISDOC Executive Committee 2nd  
Vice President
- ◆ SDRMA Board Member
- ◆ CSDA Professional Development  
Committee
- ◆ CSDA Membership Committee

It has been my honor to serve the member Districts of ISDOC, the Independent Special Districts of Orange County, as President for the past two years. During the past two years we have experienced unparalleled success in bringing ISDOC into a prominent position in California Special Districts

Under my leadership, ISDOC received the prestigious California Special Districts Association (CSDA) Chapter of the Year for 2015. We have enhanced the social media presence of ISDOC with our Facebook and newsletter. We continue to work hard for our members in the area of State Special District legislative issues.

Personally I currently serve as the President of the Costa Mesa Sanitary District. I am a board member for the Special Districts Risk

Management Authority and serve on its Legislative Committee. I also serve on two CSDA committees involving membership and education. Working with these two organizations has given me a broad perspective of how various types of Special Districts work and the challenges they individually face. I enjoy being a voice for Orange County Special

Districts on the state level.

I humbly ask for your support to re-elect me as President of ISDOC. I will continue to represent you, the Independent Special Districts of Orange County in the way you deserve. I look forward to continuing my service.



# Costa Mesa Sanitary District

...an Independent Special District

I am writing to ask your support for reelection as President of the Independent Special Districts of Orange County (ISDOC). It has been an honor for me to serve the Special Districts for the past two years and would appreciate your support to continue my work.

With my leadership ISDOC has continued to provide the advocacy, education and presence that all of our Districts need on the State and Local level. We are a strong presence within the California Special Districts Association (CSDA). For our efforts, again during my term, CSDA honored ISDOC as the CSDA Chapter of the Year in 2015. This high honor shows that we continue to serve and advocate for our Districts.

Furthering my involvement with Special Districts I am a Board Member for the Special Districts Risk Management Authority (SDRMA). Serving on the board has given me a unique perspective on various Districts throughout California. By providing risk management options I have become very familiar with issues that face different types of Districts. As a member of the Legislative Committee for SDRMA I have become involved in issues that affect all of our Districts.

I also presently serve on two CSDA committees. I am on the Member Services Committee and the Professional Development Committee.

I am the Vice Chairman of the Alliance Executive Council, a collaboration of CSDA, SDRMA and the Special Districts Leadership Foundation.

I currently serve as President of the Board for the Costa Mesa Sanitary District. I have served on our Board since 2010, and previously in the 1990's. I am a former City Councilmember in Costa Mesa.

Since being chosen as President of the CMSD Board our District has been awarded several prestigious awards including "Best Wastewater Collection System" from the Santa Ana River Basin, "Special District Leadership Foundation District of Distinction" from CSDA, the 2016 "Excellence Award in Integrated Waste Management Systems" a national award from the Solid Waste Association of North America (SWANA).

Recently I was nominated as "Board Member of the Year" for CSDA, an award to be given at the CSDA annual conference in October.

My commitment to the Special Districts of Orange County is strong. I will continue to work hard to represent all Districts. My belief is that with the challenges facing all of us strong leadership is needed. I have continued to demonstrate that my leadership fits that criteria.

I look forward to serving ISDOC and the members. I appreciate your vote for me as President. Please feel free to contact me at [mike@agentmike.biz](mailto:mike@agentmike.biz) or by phone at (714) 435-0300.

628 W. 19th Street / Costa Mesa, CA 92627-2716 • (949) 645-8400 / fax: (949) 650-2253  
Protecting our community's health and the environment by providing solid waste and sewer collection services

#### Board of Directors

Michael Scheifer  
Arthur Perry  
Robert Ooren  
Ariene Schaefer  
James Ferryman

#### Staff

Scott C. Carroll  
General Manager

Robin B. Hamers  
District Engineer

Alan R. Burns  
District Counsel

Marcus D. Davis  
Treasurer

Noelani Middenway  
District Clerk

Wendy H. Davis  
Finance Manager

[www.cmsdca.gov](http://www.cmsdca.gov)

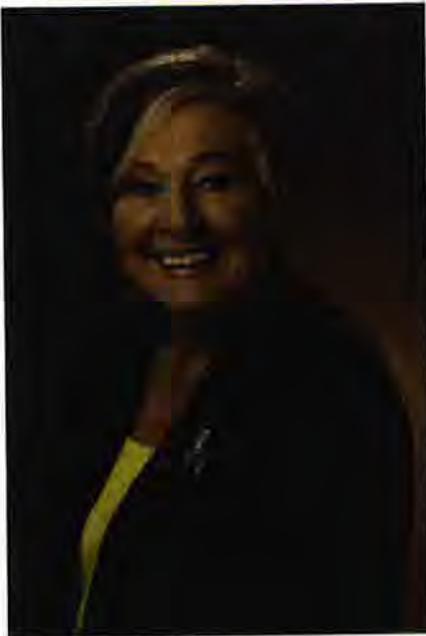


District of Distinction  
2009-2014

# ELECT ARLENE SCHAFER ISDOC EXECUTIVE COMMITTEE FIRST VICE PRESIDENT

---

## Arlene Schafer—Assistant Secretary Costa Mesa Sanitary District



### PREVIOUS EXPERIENCE SERVING SPECIAL DISTRICTS

- ◆ LAFCO Commissioner
  - ◆ CSDA Board President
  - ◆ CSDA Board Vice President
  - ◆ CSDA Board Secretary
  - ◆ CSDA Finance Corporation
  - ◆ CSDA Legislation Committee
  - ◆ CSDA Fiscal Committee
  - ◆ CSDA Membership Committee
- 

I would be honored to serve as your representative on ISDOC's Executive Committee as First Vice President. I believe my 26 years of experience as a local government leader that includes 18 years serving special districts in a variety of different capacities makes me the best candidate. Recently, the Little Hoover Commission is conducting public hearings on special districts that was intended to serve as a follow up to the Commission's 2000 report. The Commission's report made recommendations related to special districts visibility and accountability, reserve funds and property tax allocation and its very likely the Commission will publish new recommendations to the State Legislature and governor. I believe it's important for ISDOC to continue serving as an advocate for Orange County special districts by informing the legislature and the public the important and essential services we provide to our communities. Furthermore, I believe it's important for Orange County special districts to demonstrate good governance that will help earn the public's trust.

Currently, I am serving on the Board of Directors for the Costa Mesa Sanitary District (CMSD) where I have been a Board member for 18 years. CMSD provides solid waste and wastewater collection services to over 116,000 residents residing in the City of Costa Mesa and portions of Newport Beach and the unincorporated Orange County. I am proud to be part of an organization that has been a District of Distinction since 2009, earned the Transparency Certificate of Excellence and CMSD is one of few special districts in California that received Gold Recognition in Special District Governance.

If elected, I will collaborate with the Program Committee to ensure you have educational opportunities to enhance your district's governance and help elevate public awareness of the role your district plays as the form of government closest and most directly accountable to your constituents.



# Costa Mesa Sanitary District

...an Independent Special District

August 30, 2016

Dear ISDOC Member:

I am writing to ask your support for election as First Vice President of ISDOC's Executive Committee. For the past 18 years I have dedicated myself to special districts by serving in a variety of roles that enhances our advocacy to the State Legislature and visibility to the public. For instance, I am Past President and Vice President of the California Special Districts Association Board of Directors and I am currently serving as the Board Secretary. I have also represented special districts on Orange County Local Agency Formation Commission and I routinely attend ISDOC's Executive Committee meetings to share information.

The First Vice President of ISDOC's Executive Committee is responsible for Chairing the Programs Committee. If elected, I will actively work with committee members and ensure you receive relevant information and hear from keynote speakers on the latest issues to enhance your district's governance.

The enclosed handout has more information that describes my experience and qualifications to serve on the Executive Committee. I hope you trust me to serving the best interest of ISDOC membership by voting for Arlene Schafer as First Vice President.

Thank you for your consideration and I look forward to the opportunity of serving you.

Sincerely,

Arlene Schafer  
Assistant Secretary

**Board of Directors**

Michael Schealer  
Arthur Perry  
Robert Ooten  
Arlene Schafer  
James Ferryman

**Staff**

Scott C. Carroll  
General Manager

Robin B. Hamers  
District Engineer

Ann R. Birnis  
District Counsel

Marcus D. Davis  
Treasurer

Noelani Middenway  
District Clerk

Wendy H. Davis  
Finance Manager

[www.cmsdct.gov](http://www.cmsdct.gov)

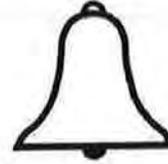


District of Distinction  
2009-2014

**BOARD OF DIRECTORS**

BETTY H. OLSON, PH.D    CHARLEY WILSON  
CHARLES T. GIBSON    SAUNDRA F. JACOBS  
JUSTIN McCUSKER

DANIEL R. FERONS  
GENERAL MANAGER



## Santa Margarita Water District

August 11, 2016

Director John Withers  
Irvine Ranch Water District  
15600 Sand Canyon Avenue  
Irvine, CA 92618-3102

*John!*  
Dear Director Withers,

I am writing to you as a candidate for the 1st Vice-President of the Independent Special Districts of Orange County (ISDOC). I currently serve as the 2<sup>nd</sup> Vice-President for ISDOC.

By way of introduction, I am a Director on the Santa Margarita Water District Board. I have served SMWD for the past 20 years and, during that time, have chaired the Board and various Board committees. I am most proud of my role in coordinating and addressing issues among the South Orange County agency group and representing that group to MWDOC. I been actively involved with ACWA since 2004 when I served on the Board of Directors for 2 years. Personally, I am also active with my homeowners' association and, for the past 25 years, I have run a successful environmental and land use planning company.

My experience and service to ISDOC has given me a rich and clear understanding of the needs of special districts in Orange County. In my term as 1<sup>st</sup> Vice President, I will bring to ISDOC the same qualities of experience, impartiality, and effectiveness to address the challenges we face in the special district community. One of the key responsibilities of the 1<sup>st</sup> Vice-President is education. I will work to continue to ensure informative and interesting presentations focused on issues important to ISDOC including other county-wide agencies such as LAFCO and its processes.

I would be pleased to learn more about how I can serve you, your special district and the entire County. Please call me at 949-702-1145 or email me at [saundraj@smwd.com](mailto:saundraj@smwd.com).

I would greatly appreciate your support and vote. I look forward to continuing my role in representing special districts.

Sandra Jacobs  
Director  
Santa Margarita Water District



# El Toro Water District

"A District of Distinction"

Serving the Public - Respecting the Environment

September 1, 2016

Irvine Ranch Water District  
Attention: Director John Withers  
15600 Sand Canyon Avenue  
Irvine, CA 92618

**Re: Mark Monin for ISDOC 2<sup>nd</sup> Vice President**

Dear Director Withers,

I would be honored to serve as 2<sup>nd</sup> Vice President for the Independent Special Districts of Orange County and would love to speak with your District. I am a Director on the El Toro Water District Board and Vice Chairman / Commissioner of the Orange County Airport Land Use Commission. I was also a PCF Fire Fighter with the Orange County Fire Authority. I have proven to be a fiscally responsible individual with a "think out of the box mentality" and I look forward to working with the other ISDOC Board members to achieve greatness. I love Orange County and want to work hard here and in Sacramento to help Special Districts progress into the future.

Since first becoming involved with ISDOC I have been attending the Executive Committee meetings on a regular basis which is important because I know the issues that have affected ISDOC in the past and what is important to propel this fine organization in the future.

My qualifications for this position include:

- > EXPERIENCED LEADER
- > COMMITTED TO SPECIAL DISTRICTS
- > FISCALLY RESPONSIBLE
- > DEDICATED

As you know ISDOC is a membership association that was formed more than 30 years ago to serve the needs of Orange County's independent special districts. I want to build on that fine tradition, work hard with others to achieve a higher degree of member satisfaction and make ISDOC even stronger. I feel we can do more with the membership, continue to provide valuable information and presentations on issues that affect your district which can help you with important discussions in the future.

I am very active in Orange County and my community. Please see the accompanying resume outlining my experience and education. I would love to hear your thoughts on how we can make ISDOC even better and please contact me with your input, ideas or questions on my experience or platform. I can be reached at (949) 939-6612 or [markmonin@msn.com](mailto:markmonin@msn.com).

Sincerely,

EL TORO WATER DISTRICT

Mark Monin, Director

**Mark L. Monin**  
 3371 Punta Alta Unit 3E  
 Laguna Woods, CA 92637  
 (949) 939-6612  
 markmonln@msn.com



Mark Monin serves as a Director with the El Toro Water District and Vice Chairman of the Orange County Airport Land Use Commission. He is also has over 35 years in the securities industry, most recently with Raymond James, specializing in executive services, 401k, endowments, foundations, high level financial planning and asset management. Mark is also a former PCF Fire Fighter with Orange County Fire Authority and has pilot FAA Licenses private, commercial, instrument and multi engine. Mark also has over 28 years of real estate experience mostly in Orange County California.

**Professional Experience**

**Boards/Committees/Community Involvement**

- El Toro Water District, Board of Directors 2015 – Present
- Vice Chairman of the Orange County Airport Land Use Commission 2015 – Present
- Finance Committee of The Association of California Water Agencies and its Education Subcommittee, Investment Subcommittee 2015 – Present
- South Orange County Watershed Management Area Executive Committee
- Independent Special Districts of Orange County (ISDOC)
- South Orange County Agencies
- Water Advisory Committee of Orange County (WACO)
- Orange County Water Association (OCWA)
- City of Laguna Woods Public Safety Committee Chairman 2012-2015 Past Chairman
- City of Laguna Woods Landscape Committee, Past Member
- Newport Beach Chamber of Commerce, Past Member
- Irvine Chamber of Commerce, Past Member
- 

**Financial Investment/Securities Industry (35 Years)**

- Raymond James Financial Services, Newport Beach 2009-current
- Oppenheimer & Co. Newport Beach, California 2005-2009
- Morgan Stanley, Sales Manager / Financial Advisor, Los Angeles / Orange County 1998 – 2005
- Merrill Lynch, Manager / Financial Advisor , Los Angeles / Orange County 1994- 1998
- Prudential Securities, Assistant Manager, Anaheim 1991 – 1994

**Aviation Experience / Aviation Organizations**

- Pilot Data & FAA Licenses
  - Private
  - Commercial
  - Instrument
  - Multi Engine
- Vice Chairman of the Orange County Airport Commission (Land Use) 2015-present
- Adjunct Professor at California Baptist University, Riverside, CA 2015- Present
  - Teaches Aviation Law and Aviation Finance
- Civil Air Patrol (Auxiliary United States Air Force) from 1992-1996
  - Aerial and ground search & rescue,
- Civil Air Patrol Aerial Disaster inspection, Orange County, CA
  - DEA and Customs assistance in aerial surveillance, air transport from 1992-1996
- Flying Samaritans/ Liga
  - Free medical clinics; fly physicians/medical professionals to Mexico 1995-present
- Angel Flight Pilot
  - Provides transportation to medical treatment for those who cannot afford/tolerate public transportation, 1998-present
- Southern California Pilots Association

- To provide a collective voice for General Aviation at our So CA Airports.
- Develop a positive working relationship with the airport administration.
- Foster camaraderie amongst So CA Pilots with aviation related
- Enhance safety and education in the So CA Pilot community.
- Orange County Pilots Association (OCPA)
  - OCPA is an association of aviation enthusiasts with the purpose of promoting aviation at the Orange County Airport
- Experimental Aviation Association (EAA)
  - **Experimental Aircraft Association** based in Oshkosh, Wisconsin, encourages and supports recreational aviation.

#### **Real Estate Experience (28 Years)**

- California Department of Real Estate, 1988 – Present (28 Years)
- Real Estate Consultant
- California Department of Real Estate Continuing Education

#### **Firefighter Experience**

- Orange County Fire Authority
  - *PCF/ Firefighter/Engineer/ search & rescue/ medical training* (first responder) 1988-1995
- Twin District Fire Department, Lancaster, NY
  - *Firefighter/ Engineer/ search & rescue/ medical training* (first responder) 2005-2006
- Lancaster Fire Department, Lancaster, NY
  - *Firefighter/ Engineer/ search & rescue/ medical training* (first responder) 1982-1984
- Egypt Fire Department, Rochester/Perrington, NY
  - *Firefighter/ Engineer/ search & rescue/ medical training* (first responder) 1985-1987

#### **Education/Licensure**

- Pepperdine University, Malibu California, Masters in Business Administration, 2002
- The Wharton School, University Of Pennsylvania, Senior Financial Advisor
- The Wharton School, University Of Pennsylvania, Management Training Program
- Institute of Investment Management Consulting, Investment Management Consultant
- The Institute of Business & Finance: Certified Annuity & Fund Specialist
- Board Certified in Asset Allocation
- Canisius College, Buffalo New York, BS/Finance, 1981
- University of Buffalo, Aeronautical Engineering, 1978
- Federal Aviation Administration, Multi Engine, 2000
- New York Stock Exchange, Series 8, Branch Manager, 1990
- National Association of Securities Dealers, Series 65, Financial Planning, since 1989
- California Department of Real Estate, since 1988
- National Association of Securities Dealers, Series 3, Futures, since 1988
- National Association of Securities Dealers, Series, Options Principal, since 1983
- National Association of Securities Dealers, Series 24, Principal Supervisor, since 1983
- National Association of Securities Dealers, Series 63, State Licensing, since 1981
- Securities Licensed in California, Colorado, Connecticut, Delaware, Georgia, Iowa, Illinois, Indiana, Louisiana, Maryland, New Jersey, New York, Ohio, Pennsylvania
- National Association of Securities Dealers, Series 7, 1981, Financial Advisor
- Federal Aviation Administration, Commercial, 1979
- Federal Aviation Administration, Instrument, 1978
- Federal Aviation Administration, Private, 1977

# **Elect Mark Monin 2<sup>ND</sup> Vice President to ISDOC Executive Committee**



## **DEDICATED TO SPECIAL DISTRICTS**

My enthusiasm, commitment and comprehensive knowledge of special districts bring years of experience to the ISDOC Executive Committee. It would be an honor to serve the Districts that are members of ISDOC. I want our members to continue to work together to achieve greatness.

- **EXPERIENCED LEADER**
- **COMMITTED TO SPECIAL DISTRICTS**
- **FISCALLY RESPONSIBLE**
- **DEDICATED**

## **LEADERSHIP EXPERIENCE**

- ❖ Board of Directors – El Toro Water District
- ❖ Commissioner – Vice Chairman, Orange County Airport Commission
- ❖ Committee Member - South Orange County Watershed Management Area Executive Committee
- ❖ Committee Member - ACWA, Finance Committee and Education Committees
- ❖ Chairman, Laguna Woods Public Safety and Landscape Committees

## **COMMUNITY INVLOVELMENT**

- ❖ PCF Fire Fighter, Orange County Fire Authority
- ❖ Independent Special Districts of Orange County (ISDOC)
- ❖ Joint South Orange County Agencies
- ❖ Water Advisory Committee of Orange County (WACO)
- ❖ Orange County Water Association (OCWA)

## **BUSINESS EXPERIENCE**

- ❖ Financial Executive for 35 years with such firms as Raymond James, Merrill Lynch and Morgan Stanley

## **EDUCATION**

- ❖ Canisius College, Buffalo New York, BS/Finance,
- ❖ Pepperdine University, Malibu California, MBA
- ❖ The Wharton School, University Of Pennsylvania



185 N. McPherson Rd.  
Orange, California  
92869-3720

714.538.5815 phone  
714.538.0334 fax

www.eocwd.com

**BOARD OF DIRECTORS**

Douglass S. Davert  
President

Richard B. Bell  
Vice President

John Dulebohn  
Director

Seymour (Sy) Everett  
Director

John L. Sears  
Director

Lisa Ohlund  
General Manager

August 17, 2016

The Honorable Mary Aileen Matheis  
President  
Irvine Ranch Water District  
P.O. Box 57000  
Irvine, CA 92619-7000

**Subject: Doug Davert for ISDOC 2<sup>nd</sup> Vice President**

Dear President ~~Matheis~~ *Mary Aileen*

I am writing to seek your support for my candidacy for 2<sup>nd</sup> Vice President of the Independent Special Districts of Orange County (ISDOC). It would be a privilege to serve as a member of the ISDOC Board and Executive Committee, and I would be honored to earn your district's support in the upcoming election.

I am an ardent advocate for special districts. They are the best and most direct form of government where the average citizen can find direct representation when they are concerned about rates or services, and where they can most easily, without significant bureaucracy, get their concerns addressed – very quickly in most cases.

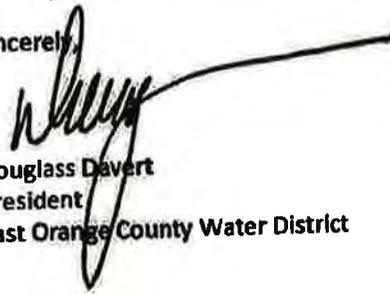
Attached to this letter is an outline of my civic and community involvement. You will see that I have spent the last 14 years involved in local government of all sizes: serving as president of East Orange County Water District, director and chairman of the Orange County Sanitation District, director and chairman of the Orange County Fire Authority, trustee of the Orange County Mosquito and Vector Control District, and as councilmember and mayor of the city of Tustin. This experience has not only prepared me to serve effectively and contribute to the advancement of ISDOC, but to have the unique perspective regarding what is special about special districts.

Special districts continue to defend against public policy threats and other challenges in Sacramento and here at home. I believe that ISDOC should be at the forefront of raising our profile and talking with the public about how we provide a specialized service and do it well. Keeping our districts aware and engaged as members of ISDOC and CSDA is also critically important. As a 2008 CSDA Board President of the Year (an honor I shared jointly with Hon. Steve Sheldon at OCWD), I know that CSDA is a valued and strong voice for us in Sacramento, and we need to actively support its efforts.

I look forward to answering any questions that you or your board colleagues may have about me or my background, experience or platform. I can be reached at (714) 318-9550 or dougdavert@ca.rr.com.

Thank you for your consideration of my candidacy for ISDOC 2<sup>nd</sup> Vice President.

Sincerely,

  
Douglass Davert  
President  
East Orange County Water District

# DOUGLASS S. DAVERT

## PERSONAL:

Tustin area resident since 1966, active in the community as volunteer, donor, and public official  
Married to Melanie Davert, 20 years; Two daughters ages 16 and 14

## EDUCATION:

Loyola Law School, Loyola Marymount University, Juris Doctor 1992  
Chapman University, Bachelor of Arts 1987  
Santa Ana College, Associate of Arts 1985  
Tustin Unified Schools 1970-1983 (K-12)

## EMPLOYMENT:

Davert & Loe, Lawyers, Orange, California- Partner/Attorney 1992-Present (Licensed in CA, TX, and DC)  
-civil practice emphasizing real estate, transactional, and environmental matters  
-rated "AV-Preeminent" by Martindale-Hubbe (highest possible rating for ethics and legal skill)  
-named one of "Southern California's Top Rated Lawyers" Legal Leaders/LA Times 2012-15  
-successfully represented 140+ members of the United States Congress in a matter resulting in a published opinion in the Ninth Circuit U.S. Court of Appeals *Newdow v. Lefevre*, 598 F.3d 638 (9<sup>th</sup> Cir. 2010)

## COMMUNITY SERVICE:

EAST ORANGE COUNTY WATER DISTRICT  
President/Director, elected 2012, term ends 2016

ORANGE COUNTY FIRE AUTHORITY FOUNDATION  
Chairman, Board of Directors 2011-present  
Founding Member 2010-present

ORANGE COUNTY TRANSPORTATION AUTHORITY  
Member, Citizens Advisory Committee, 2012-2015

ORANGE COUNTY TASK FORCE ON DROWNING PREVENTION  
Member, 2015-present

## CITY OF TUSTIN:

City Council  
Member 2002-2010, Mayor 2006 & 2009, Mayor Pro-Tem 2005 & 2008  
Oversight Board for Successor Agency to Community Redevelopment Agency  
Chairman, 2012-present (county appointed public member)  
Planning Commission  
Chairman 2002, Vice-Chairman 1999-2000, 2001-2002, Member 1997-2000, 2001-2002  
Tustin Senior Center Fund  
Alternate Member 2002-2010  
Tustin Old Town Association  
Member, Board of Directors, 2001- 2002  
Tustin Area Council for Fine Arts  
Member, Board of Directors, 2002- 2004  
Secretary, 2002- 2003  
Member, Board of Advisors 2007-2010  
Tustin Pride Committee  
Member 1996-1999, Secretary 1998, Chair, Christmas Tree Recycling Program 96-98  
Community Development Block Grant Citizen Participation Committee  
Member/Participant 1998-2000, 2002, 2004  
Citizens' Police Academy - Tustin Police Department  
Graduate 1997  
Tustin Community Foundation  
Member, Advisory Committee 1997-2003  
Tustin Community Redevelopment Agency  
Member, 2002-2010, Chairman 2006 & 2009, Vice-Chairman 2005 & 2008  
Tustin Public Financing Corporation  
Member, 2002-2010, Chairman 2006 & 2009, Vice-Chairman 2006 & 2008  
Street Fair & Chili Cook Off Committee  
Volunteer 2010-present

**SPECIAL DISTRICTS/OTHER:**

Director, Orange County Sanitation District 2004-2010  
-Chairman of the Board of Directors, 2008-2010  
-Vice-Chair, Board of Directors, 2008-2008  
-Vice-Chair, Operations, Maintenance & Technical Services Committee 2005  
-Member, Planning, Design & Construction Committee 2005-2006  
-Chair, Ad Hoc Committee General Manager Evaluation 2005  
-Member, Ad Hoc Committee Legal Services 2005  
-Alternate Director 2003-2004

Director, Orange County Fire Authority 2007-2010  
-Chairman of Board of Directors, 2009-2010  
-Vice-Chairman of the Board of Directors 2008-2009  
-Member, Executive Committee 2007-2010  
-Member, Budget & Finance Committee 2008-2010  
-Chairman, Reserve Firefighter Ad-Hoc Committee 2008-2009  
-Chairman, Budget Reduction Ad Hoc Committees 2010  
-Alternate Director 2003-2007

Trustee, Orange County Vector Control District 2003-2005  
-Member, Budget & Finance Committee 2004-2005  
-Member, Supplemental Services Committee 2003

Member, California Identification Remote Access Network Board 2005-2010  
-City Selection Committee Appointee

Alternate Director, OC Airport Land Use Commission 2006-2010  
Volunteer, Professional Service Responders, Orange County Sheriff Dept. 2005-Present

**CITY OF ORANGE**

Oversight Board for Successor Agency to Community Redevelopment Agency  
Member, 2012-present (special district appointee)

**LEAGUE OF CALIFORNIA CITIES:**

Participant, Forum for New Council Members and Mayors, Sacramento, January 2003  
Participant, Executive Forum, 2003, 2004, 2005, 2006  
Participant, Annual Meeting, 2005, 2006, 2007, 2008, 2009  
Member, Public Safety Policy Committee (Statewide) 2006  
Member, Revenue and Taxation Policy Committee (Statewide) 2010  
Member, Advocacy Committee, OC Division 2009-2010

**SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS**

Member, Community, Economic & Human Development Committee 2004-2006

**UNITED STATES CONFERENCE OF MAYORS**

Participant, Annual Conference, Washington DC 2006

**ASSOCIATION OF CALIFORNIA CITIES-ORANGE COUNTY**

Charter Member and Emeritus Member 2010-present  
Committee on Accreditation/Public Policy Management Academy 2012-present

**TUSTIN SCHOOLS:**

Tustin Public Schools Foundation  
Member, Board of Directors 1994-1998  
Vice-President, Board of Directors 1995-1998  
Volunteer, Dinosaur Dash 1993-2010, 2012-present (Annual event raising \$100,000+)  
Co-Chair, Dinosaur Dash 1994 & 1995  
Evaluator, Classroom Grants Program 1998-1999  
Co-Chair, Classroom Grants Program 1999-2000

Tustin Unified School District  
Liaison from Tustin City Council to Board of Education, 2004-2010  
Volunteer, Tustin High School Grad Night 1995-1996 & 1998  
Volunteer, Foothill High School Grad Night 1994  
Member, TUSD Strategic Plan Committee 1996  
Principal for a Day, Pioneer Middle School 2005  
Principal for a Day, Guin Foss School 2006  
Principal for a Day, Nelson School 2009

**OTHER:**

Judge Pro-Tem, Long Beach/Los Angeles Superior Courts 1995-2007  
Judge, Moot Court Competition, Chapman University School of Law 1999  
Member, Board of Directors, Buckhorn Camp 1991-1994  
Vice-President, Board of Directors, Buckhorn Camp 1992-1994  
Civic Member, Tustin Area Chamber of Commerce 1999-2010  
Member, American Planning Association 1999-2003  
Santa Ana College Alumni Hall of Fame, Inducted June 2008  
**Board President of the Year, California Special District Association for work as  
Chairman of the Orange County Sanitation District, 2008**  
Orange County Sanitation District Honor Walk - Inducted April 20, 2011 - for outstanding  
service to the organization

**Gentlepersons,**

**I trust this note finds you and yours in good health.**

**I am writing to submit my nomination/letter of interest for the Third Vice President position on the ISDOC Executive Committee.**

**My experiences on the OCMVCD Board of Trustees as President, Chair of the ACC-OC Water Committee, Tustin Representative to WACO, Vice Chair of the OCLAFCO, member of the Newport Bay Watershed Executive Committee, and Mayor ProTem of Tustin have afforded me the opportunity of interacting with a variety of officials and address a myriad of issues germane to Special Districts.**

**I would greatly appreciate your support and consideration for the office of Third Vice-President and pledge to represent the interests of Special Districts with passion and be a powerful advocate for Orange County.**

**Thank you for all considerations.**

**Have a great day.**

**Allan Bernstein DPM MBA**

September 12, 2016

Prepared by: A. Murphy/M. Cortez

Submitted by: K. Burton

Approved by: Paul Cook 

## ACTION CALENDAR

### SAN JOAQUIN MARSH IMPROVEMENTS CONSTRUCTION AWARD

#### SUMMARY:

The San Joaquin Marsh Improvements project will mitigate the effects of reduced San Diego Creek flows due to the Peters Canyon Channel Water Capture and Reuse Pipeline project as well as improve overall San Joaquin Marsh operations. Staff recommends that the Board:

- Authorize a budget increase in the amount of \$256,200, from \$1,776,700 to \$2,032,900, for Project 6168, and
- Authorize the General Manager to execute a construction contract with Olsson Construction, Inc. in the amount of \$1,494,775 for the San Joaquin Marsh Improvements, Project 6168.

#### BACKGROUND:

The San Joaquin Marsh is a natural treatment system facility composed of 11 interconnected ponds that provide freshwater wetland habitat and water quality treatment functions including nutrient removal. This project will construct miscellaneous improvements in the Marsh to increase water recirculation and to improve operations. A map of the Marsh and the proposed improvements is attached as Exhibit "A".

#### San Joaquin Marsh Recirculation Improvements:

The Peters Canyon Channel Water Capture and Reuse Pipeline will collect and transport nuisance groundwater and surface water flows with high nitrate and selenium concentrations that discharge into Peters Canyon Wash to the Orange County Sanitation District for treatment and reuse. This project is expected to reduce the average stream flow in the lower San Diego Creek channel by approximately 19 percent.

The following items will be constructed to improve the recirculation of water within the San Joaquin Marsh to mitigate the flow reduction in the San Diego Creek.

- Replace the two San Diego Creek Pump Station pumps with new submersible pumps with variable frequency drives;
- Install a flow modulating valve on the pipeline that supplies Pond A from the San Joaquin Marsh Pump Station discharge pipeline; and
- Install a flow meter on the connection to Pond A.

Operational Improvements:

In addition to the recirculation improvements, the following items will be constructed to improve overall San Joaquin Marsh operations.

- Install a District-provided automated strainer at the San Joaquin Marsh Pump Station to replace the manual 12-inch basket strainer located on the pipeline feeding the upper Marsh (the existing strainer needs to be manually backwashed once a day);
- Replace the existing Marsh Outlet Valve with a motor-operated pinch sleeve valve; and
- Install flow monitoring equipment at the North Carlson Pond inflow, Middle Stream inflow, North Michelson Pond inflow, Linear Pond inflow, Middle Carlson Weir Structure inflow, and the Michelson Water Recycling Plant groundwater discharge point.

Construction Bid:

The San Joaquin Marsh Improvements project was advertised to a select list of 14 contractors. The bid opening was held on August 25, 2016 with bids received from four contractors: Pacific Hydrotech, Pascal and Ludwig, R.C. Foster, and Olsson Construction, Inc. Olsson is the apparent low bidder with a bid amount of \$1,494,775. The three lowest bids are within 6% of each other. Staff reviewed Olsson's bid and determined that the bid is responsive. Olsson is currently working on the Chloramine Booster Stations at Foothill Zone 6 and Portola Zone 8 Reservoirs project and has performed well. The bid summary is attached as Exhibit "B".

FISCAL IMPACTS:

Project 6168 is included in the FY 2016-17 Capital Budget. A budget increase is required to fund the construction and engineering support services for the project as shown in the table below.

Project No.	Current Budget	Addition <Reduction>	Total Budget
6168	\$1,776,700	\$256,200	\$2,032,900

Reimbursement for Recirculation Related Costs:

The water recirculation components of the project will mitigate the impacts to the San Joaquin Marsh from the reduced San Diego Creek flows caused by the diversion of water from the Peters Canyon Channel. The partner agencies of the Peters Canyon Channel Water Capture and Reuse Project set aside funding for the water recirculation improvements. Staff will request a reimbursement of \$593,499 from the other member agencies for a portion of the construction costs of the recirculation related items including the replacement of the San Diego Creek pumps and switch gear, and the Pond A improvements. Table 1, attached as Exhibit "C", reflects the recirculation-related items and costs.

ENVIRONMENTAL COMPLIANCE:

This project is exempt from the California Environmental Quality Act (CEQA) as authorized under the California Code of Regulations, Title 14, Chapter 3, Section 15301 which provides exemption for minor alterations of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency's determination. A Notice of Exemption for the project was prepared and filed with the County of Orange on March 15, 2016.

COMMITTEE STATUS:

Construction awards are not routinely taken to Committee prior to submittal to the Board.

RECOMMENDATION:

THAT THE BOARD AUTHORIZE A BUDGET INCREASE IN THE AMOUNT OF \$256,200, FROM \$1,776,700 TO \$2,032,900, FOR PROJECT 6168; AND AUTHORIZE THE GENERAL MANAGER TO EXECUTE A CONSTRUCTION CONTRACT WITH OLSSON CONSTRUCTION, INC. IN THE AMOUNT OF \$1,494,775 FOR THE SAN JOAQUIN MARSH IMPROVEMENTS, PROJECT 6168.

LIST OF EXHIBITS:

- Exhibit "A" – Location Map
- Exhibit "B" – Bid Summary
- Exhibit "C" – Table 1, Reimbursement Cost for Recirculation Related Items

# EXHIBIT "A"

## SAN JOAQUIN MARSH IMPROVEMENTS PROJECT LOCATION MAP



Item No.	Description	Qty	Unit	Engineer's Estimate		1 Norman A. Olsson		2 Pascal & Ludwig		3 R C Foster		4 Pacific Hydrotech	
				Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
1	Mobilization, Demobilization and Clean-up		LS	\$80,000.00	\$80,000.00		\$74,000.00		\$50,000.00		\$61,000.00		\$107,500.00
2	Bonds and Insurance		LS	\$40,000.00	\$40,000.00		\$16,000.00		\$16,000.00		\$28,000.00		\$25,000.00
<b>SDC PUMP STATION</b>													
3	Demolish Existing Two Submersible Pumps And Motors, Two Pump Guiderail Systems, Two Pump Quick Disconnects, Motor Control Center and Motor Control Center Stainless Steel Enclosure Complete		LS	\$16,500.00	\$16,500.00		\$11,000.00		\$10,000.00		\$4,200.00		\$5,000.00
4	Furnish and Install Submersible Pump and Motor, Guiderail System and Quick Disconnect Assembly Complete		LS	\$192,500.00	\$192,500.00	\$106,000.00	\$212,000.00	\$125,000.00	\$250,000.00	\$140,000.00	\$280,000.00	\$123,400.00	\$246,800.00
5	Furnish and Install Level Transmitter in Wet Well Complete		LS	\$2,888.00	\$2,888.00		\$51,000.00		\$58,000.00		\$58,000.00		\$59,200.00
6	Furnish and Install Variable Frequency Drive Complete	2	EA	\$63,250.00	\$126,500.00	\$46,000.00	\$92,000.00	\$52,000.00	\$104,000.00	\$54,000.00	\$108,000.00	\$53,000.00	\$106,000.00
7	Furnish and Install Active Harmonic Correction Unit Complete		LS	\$38,500.00	\$38,500.00		\$38,000.00		\$44,000.00		\$45,000.00		\$43,900.00
8	Furnish and Install MCC and Switchgear Complete		LS	\$71,500.00	\$71,500.00		\$75,000.00		\$86,000.00		\$95,000.00		\$109,900.00
9	Construct Concrete Foundation Extension for MCC Expansion Complete		LS	\$2,860.00	\$2,860.00		\$9,000.00		\$6,000.00		\$6,000.00		\$600.00
10	Furnish and Install New Stainless Steel MCC Enclosure Complete		LS	\$37,125.00	\$37,125.00		\$82,000.00		\$94,000.00		\$95,000.00		\$95,000.00
<b>SJM PUMP STATION</b>													
11	Demolish Existing Pump Station Discharge Piping and Fittings Complete		LS	\$13,750.00	\$13,750.00		\$2,000.00		\$15,000.00		\$18,000.00		\$7,100.00
12	Demolish Existing PLC Cabinet and Support Complete		LS	\$2,640.00	\$2,640.00		\$500.00		\$6,000.00		\$1,000.00		\$3,000.00
13	Furnish and Install Discharge and Strainer Bypass Pipe and Fittings Complete		LS	\$45,000.00	\$45,000.00		\$100,000.00		\$119,000.00		\$162,000.00		\$101,100.00
14	Salvage and Install Rattlesnake Strainer and Strainer Control Panel Complete		LS	\$8,800.00	\$8,800.00		\$10,000.00		\$11,000.00		\$2,500.00		\$8,300.00
15	Construct Shade Structure for Salvaged Strainer Control Panel Complete		LS	\$3,850.00	\$3,850.00		\$20,000.00		\$19,000.00		\$14,000.00		\$15,400.00
16	Furnish and Install 4" Sch 80 PVC Strainer Flush Water Pipe and Fittings Complete	100	LF	\$24.75	\$2,475.00	\$150.00	\$15,000.00	\$100.00	\$10,000.00	\$120.00	\$12,000.00	\$108.00	\$10,800.00
17	Install Owner Furnished 12" Magnetic Flowmeter Complete		LS	\$1,750.00	\$1,750.00		\$500.00		\$500.00		\$300.00		\$800.00
18	Furnish and Install New PLC Complete		LS	\$55,000.00	\$55,000.00		\$34,000.00		\$39,000.00		\$42,000.00		\$39,700.00
19	Upgrade Instrumentation and Pull Wire for all New and Existing Instrumentation and Terminate at New PLC Panel Complete		LS	\$9,350.00	\$9,350.00		\$42,000.00		\$68,000.00		\$48,000.00		\$48,600.00
20	Provide and Install New Chain Link Enclosure Extension Complete	67	LF	\$27.50	\$1,842.50	\$75.00	\$5,025.00	\$149.00	\$9,983.00	\$160.00	\$10,720.00	\$135.00	\$9,045.00
<b>SDC DISCHARGE PIPE IMPROVEMENTS</b>													
21	Furnish and Install Pipe Improvements Complete		LS	\$29,500.00	\$29,500.00		\$128,750.00		\$51,000.00		\$72,000.00		\$52,200.00
22	Salvage and Install Owner Furnished Motorized 8"x5" Pinch Valve Complete		LS	\$32,500.00	\$32,500.00		\$10,000.00		\$1,000.00		\$300.00		\$1,200.00
23	Furnish and Install Motorized 12" Pinch Valve and Rubber Lined Spool Complete		LS	\$46,500.00	\$46,500.00		\$18,000.00		\$20,000.00		\$22,000.00		\$25,700.00
<b>POND A IMPROVEMENTS</b>													
24	Furnish and Install Motorized 8"x5" Pinch Valve, Rubber Lined Spool and Piping Improvements Complete		LS	\$16,500.00	\$16,500.00		\$90,000.00		\$51,000.00		\$80,000.00		\$69,600.00
25	Furnish and Install New Magnetic Flowmeter Complete		LS	\$12,375.00	\$12,375.00		\$10,000.00		\$12,000.00		\$13,000.00		\$11,400.00
26	Furnish and Install New PLC, Radio and Enclosure Complete		LS	\$49,500.00	\$49,500.00		\$36,000.00		\$41,000.00		\$49,000.00		\$45,800.00
27	Furnish and Install New Level Transmitter and Support Complete		LS	\$14,250.00	\$14,250.00		\$13,000.00		\$19,000.00		\$16,000.00		\$18,100.00

Item No.	Description	Qty	Unit	Engineer's Estimate		1 Norman A. Olsson		2 Pascal & Ludwig		3 R C Foster		4 Pacific Hydrotech	
				Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
<b>UPPER MARSH IMPROVEMENTS</b>													
28	Middle Stream Improvements – Demolish Exist. Vault, Valve, Piping and Furnish and Install New Cellular Battery Operated Magnetic Flowmeter, Piping and Control Panel Complete		LS	\$25,850.00	\$25,850.00		\$61,000.00		\$56,000.00		\$77,000.00		\$67,200.00
29	North Michelson Improvements - Demolish Exist. Vault, Valve, Piping and Furnish and Install New Cellular Battery Operated Magnetic Flowmeter, Piping and Control Panel Complete		LS	\$25,850.00	\$25,850.00		\$63,000.00		\$62,000.00		\$78,000.00		\$68,900.00
30	North Carlson Improvements - Demolish Exist. Vault, Valve, Air Vacuum Assembly, Piping and Furnish and Install New Cellular Battery Operated Magnetic Flowmeter, Piping and Control Panel Complete		LS	\$29,150.00	\$29,150.00		\$80,000.00		\$68,000.00		\$95,000.00		\$78,600.00
31	Michelson Plant Dewatering Pump Outlet Improvements – Demo Exist Equipment and Install New Cellular Battery Operated Magnetic Flowmeter, Piping and Control Panel Complete		LS	\$22,550.00	\$22,550.00		\$47,000.00		\$48,000.00		\$58,000.00		\$62,300.00
32	Linear Pond Improvements - Furnish and Install New Hach Data Logger and Pipe Mounted Ultrasonic Level Sensor Complete		LS	\$17,325.00	\$17,325.00		\$21,000.00		\$25,000.00		\$30,000.00		\$21,300.00
33	Middle Carlson Structure Improvements - Furnish and Install New Hach Data Logger and Pipe Mounted Ultrasonic Level Sensor Complete		LS	\$14,850.00	\$14,850.00		\$16,000.00		\$18,000.00		\$22,000.00		\$16,800.00
<b>OVERALL PROJECT COSTS</b>													
34	Trench Safety Measures		LS	\$11,000.00	\$11,000.00		\$0.00		\$6,000.00		\$2,200.00		\$100.00
35	Startup and Testing		LS	\$27,504.50	\$27,504.50		\$10,000.00		\$10,000.00		\$2,800.00		\$5,300.00
36	Operation and Maintenance Manual		LS	\$1,000.00	\$1,000.00		\$1,000.00		\$1,000.00		\$1,000.00		\$1,000.00
37	Final Record Drawings		LS	\$1,000.00	\$1,000.00		\$1,000.00		\$1,000.00		\$1,000.00		\$1,000.00
	Subtotal				\$1,130,035.00		\$1,494,775.00		\$1,505,483.00		\$1,710,020.00		\$1,589,245.00
	Adjustment (+ or -)						\$0.00		\$0.00		\$0.00		\$0.00
	<b>TOTAL AMOUNT OF BID</b>				<b>\$1,130,035.00</b>		<b>\$1,494,775.00</b>		<b>\$1,505,483.00</b>		<b>\$1,710,020.00</b>		<b>\$1,589,245.00</b>
						<b>Manufacturers:</b>		<b>Manufacturers:</b>		<b>Manufacturers:</b>		<b>Manufacturers:</b>	
						Allen Bradley		Allen Bradley		Allen Bradley		Allen Bradley	
						ABB		RK Hach		ABB		JKH Hach	
						Siemens		Siemens		Siemens		Siemens	
						<b>Subcontractors:</b>		<b>Subcontractors:</b>		<b>Subcontractors:</b>		<b>Subcontractors:</b>	
						Halcyon Electric		National Coating and Lining		Econo Fence		National Coatings	
								Ace Fence		National Coating and Lining		Alcorn Fence	
								Halcyon Electric		Halcyon Electric		Halcyon Electric	

# EXHIBIT "C"

**Table 1**  
**Reimbursement Cost for Recirculation Related Items**

				Bid: Olsson Construction	
Item No.	Description	Qty	Unit	Unit Price	Total Amount
<b>SAN DIEGO CREEK PUMP STATION</b>					
3	Demolish Existing Two Submersible Pumps And Motors, Two Pump Guiderail Systems, Two Pump Quick Disconnects, Motor Control Center and Motor Control Center Stainless Steel Enclosure Complete		LS		\$11,000.00
4	Furnish and Install Submersible Pump and Motor, Guiderail System and Quick Disconnect Assembly Complete		LS	\$106,000.00	\$212,000.00
5	Furnish and Install Level Transmitter in Wet Well Complete		LS		\$51,000.00
6	Furnish and Install Variable Frequency Drive Complete	2	EA	\$46,000.00	\$92,000.00
7	Furnish and Install Active Harmonic Correction Unit Complete		LS		\$38,000.00
<b>POND A IMPROVEMENTS</b>					
24	Furnish and Install Motorized 8"x5" Pinch Valve, Rubber Lined Spool and Piping Improvements Complete		LS		\$90,000.00
25	Furnish and Install New Magnetic Flowmeter Complete		LS		\$10,000.00
26	Furnish and Install New PLC, Radio and Enclosure Complete		LS		\$36,000.00
27	Furnish and Install New Level Transmitter and Support Complete		LS		\$13,000.00
	Subtotal				\$553,000.00
<b>OVERALL PROJECT COSTS</b>					
1	Mobilization, Demobilization and Clean-up	39.7%	LS	\$74,000.00	\$29,381.63
2	Bonds and Insurance	39.7%	LS	\$16,000.00	\$6,352.78
34	Trench Safety Measures	39.7%	LS	\$0.00	\$0.00
35	Startup and Testing	39.7%	LS	\$10,000.00	\$3,970.49
36	Operation and Maintenance Manual	39.7%	LS	\$1,000.00	\$397.05
37	Final Record Drawings	39.7%	LS	\$1,000.00	\$397.05
	Subtotal				\$40,499.00
	<b>Total Cost for Reimbursement</b>				<b>\$593,499.00</b>
<p>39.7% = Cost for Recirculation Related Items/Sum of Costs for                      Recirculation Related Items + Operational Items                      = \$553,000/(\$553,000+\$839,775)</p>					

September 12, 2016

Submitted by: P. Weghorst *PW*

Approved by: Paul Cook *PC*

## ACTION CALENDAR

### PROPOSED POLICY PRINCIPLES ON INCREASING WATER LEVELS IN THE ORANGE COUNTY GROUNDWATER BASIN

#### SUMMARY:

Irvine Ranch Water District policy position papers are reviewed periodically to determine if the positions are still valid, need to be revised, or if new papers should be written on different issues. Based on the negative effects of the current overdraft conditions in the Orange County Groundwater Basin (Basin), IRWD is proposing to put forth policy principles for increasing water levels in the Basin that will provide improved water supply reliability and minimize impacts to the Groundwater Producer Agencies (Producers). Staff has prepared a Policy Principles Paper on Increasing Water Levels in the Orange County Groundwater Basin. Staff recommends that the Board approve the policy principles paper.

#### BACKGROUND:

In 2004, IRWD began producing policy papers on topics of particular interest to the District. Because of IRWD's standing in the water industry, the opinion of the District is regularly solicited on issues of vital interest to the industry and the community. In order to keep these position papers current and usable for explaining the District's position, staff occasionally recommends that the Board review the papers and, when appropriate, incorporate revisions or adopt new papers. Based on the negative effects of the current overdraft conditions in the Basin, IRWD is proposing to put forth policy principles for increasing water levels in the Basin.

#### Increasing Groundwater Levels:

OCWD has recently been managing the Basin inconsistent with its own Groundwater Management Plan and policies. The Basin is now being operated in a sustained state of overdraft, with numerous negative effects being inflicted on the Basin and on the Producers' ability to extract water from the ground. OCWD has indicated that it may be considering taking action to improve overdraft conditions through traditional programs such as increasing untreated water purchases from Metropolitan Water District of Southern California and through an "In-lieu Recharge" program. Staff has prepared a Policy Principles Paper on Increasing Water Levels in the Orange County Groundwater Basin for the purpose of initiating the development and implementation of programs and practices through which Orange County Water District (OCWD), in its role as the manager of the Basin, can increase groundwater levels in the Basin. The policy paper is attached as Exhibit "A".

#### FISCAL IMPACTS:

None.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was reviewed by the Water Resources Policy and Communications Committee on September 1, 2016.

RECOMMENDATION:

THAT THE BOARD APPROVE THE POLICY PRINCIPLES PAPER ON INCREASING WATER LEVELS IN THE ORANGE COUNTY GROUNDWATER BASIN.

LIST OF EXHIBITS:

Exhibit "A" – Proposed Policy Principles on Increasing Water Levels in the Orange County Groundwater Basin

# EXHIBIT “A”

## DRAFT

### IRVINE RANCH WATER DISTRICT POLICY PRINCIPLES ON INCREASING WATER LEVELS IN THE ORANGE COUNTY GROUNDWATER BASIN

September 12, 2016

#### Issue Summary:

The Orange County Water District (OCWD) operates the Orange County Groundwater Basin (Basin) within a narrow band of 0 AF to 500,000 AF of accumulated overdraft to avoid serious adverse impacts to the Groundwater Producer Agencies and the Basin. OCWD has developed plans and policies to prevent the Basin from becoming adversely over-drafted. Currently, OCWD is maintaining the Basin at approximately 370,000 AF of accumulated overdraft. At this level, the OCWD Groundwater Management Plan (updated in 2015) lists the following adverse impacts as being in effect:

- Reduced supply of water in storage available for dry years;
- Increased pumping costs;
- Increased risk of seawater intrusion;
- Some production wells inoperable because of low water surface elevations;
- Increased risk of land subsidence;
- Potential risk of vertical migration of poor quality water;
- Need to increase purchases of imported water; and
- Difficulty in maintaining a stable Basin Pump Percentage (BPP).

These adverse impacts can be mitigated if OCWD took steps to manage the Basin consistent with its own plans and policies. This paper has been prepared to help guide IRWD in advocating for OCWD to take actions to increase groundwater levels and to implement programs that will result in more water stored in the Basin.

#### Background:

##### *OCWD’s Basin Management Policy:*

In 2013, the OCWD Board of Directors adopted a policy to establish a stable BPP with the goal of achieving and maintaining a 75% BPP. In pursuit of its goal and to sustainably manage the Basin for future generations, OCWD has established within its Groundwater Management Plan the storage management actions presented in the following table:

Orange County Water District Groundwater Basin  
Storage Management Actions

Accumulated Overdraft	Basin Management Actions to Consider
Less than 100,000 AF	Raise BPP.
100,000 to 300,000 AF	Maintain and/or raise BPP towards 75% goal.
300,000 to 350,000 AF	Seek additional supplies to refill basin and/or lower the BPP.
Greater than 350,000 AF	Seek additional supplies to refill basin and lower the BPP.

At the current accumulated overdraft of approximately 370,000 AF, the OCWD Groundwater Management Plan stipulates that OCWD should be preparing to purchase additional imported water supplies and should lower the BPP. By following its own guidelines, OCWD could substantially improve Basin conditions and reduce accumulated overdraft to within 100,000 AF and 300,000 AF.

*Direct Basin Recharge Using Imported Water:*

In 2015, OCWD signed a purchase order to buy a minimum of 650,000 AF of imported water from the Municipal Water District of Orange County (MWDOC) over a ten-year period. In making this commitment, OCWD intended to use this water to recharge the Basin consistent with the storage management actions described above. The Groundwater Management Plan states that the water purchases will help OCWD maintain the BPP and assist with managing the Basin within a safe operating range.

OCWD should pursue the purchase of at least the 650,000 AF of imported water during the time the purchase order is in effect. The first step in this process is for OCWD to financially budget for at least 65,000 AF per year of imported water supplies. Each year, OCWD should review progress in the reduction of accumulated overdraft and budget for increased purchases as may be necessary. OCWD should set its Replenishment Assessment (RA) to accomplish these purchases accordingly. Accumulated overdraft conditions in the Basin will improve quickly if OCWD, in combination with other prudent basin management practices, purchases at least 650,000 AF of imported water over the next 10 years.

OCWD should maintain a sufficient Water Reserve Fund to purchase imported water from MWDOC on an annual basis. Accumulating and maintaining appropriate funding levels for future water purchases is critical to the sustainable management of the Basin. Every year OCWD should budget for the purchase of at least 65,000 AF of imported water through MWDOC. Any funds not used to purchase water in any fiscal year due to Metropolitan Water District of Southern California (MWD) implementing its Water Supply Allocation Plan should be carried over into the next year in the Water Reserve Fund to purchase greater amounts of water. Funds budgeted for the purchase of water from MWDOC should not be re-purposed for other reasons.

*In Lieu Basin Recharge Using Imported Water:*

To ensure the ability to recharge a minimum of 65,000 AF of imported water into the Basin every year and to take full advantage of existing imported supplies, OCWD should resume offering a voluntary multi-year in-lieu recharge program that reimburses participating Groundwater Producers to make the cost of participation equivalent to the cost of producing groundwater. Under such a program, the participating Groundwater Producers would use imported water from MWD in-lieu of producing groundwater. This would increase the amount of groundwater available in the Basin. OCWD has historically offered water to the Groundwater Producers through an in-lieu recharge program. OCWD should offer an in-lieu program to interested Producers and budget accordingly.

*Basin Recharge through Other Programs:*

- *Indirect Potable Reuse Programs:* OCWD is considering the implementation of the Final Expansion of the Groundwater Replenishment System (GWRS). This project will result in an additional 30,000 AF per year (AFY) of cost effective water available for recharging the Basin. OCWD also is evaluating participation in the indirect potable reuse project proposed by MWD in partnership with the Sanitation Districts of Los Angeles County. The project would involve the construction of advanced water recycling treatment facilities in Carson and a pipeline to deliver product water to OCWD's recharge basins. The first phase of the project would deliver approximately 65,000 AFY of uninterrupted water to OCWD for recharge in the Basin. IRWD supports OCWD analysis and implementation of the GWRS Final Expansion Project. IRWD also supports OCWD entering into a cost-effective long-term agreement for the purchase of advanced treated water from the Carson project, priced at MWD's melded cost of Tier-1 untreated water rate.
- *In-lieu Exchange Program:* OCWD should pursue other new programs that will increase water levels in the Basin while reducing the adverse effects of accumulated overdraft conditions. One such concept is to implement an In-lieu Exchange Program in a way that is cost neutral to OCWD while benefitting the Producers. Under such a program, interested Groundwater Producers could voluntarily purchase Tier-1 treated water from MWD in-lieu of pumping groundwater. The reduction in pumping by the participating agencies would result in additional water being stored in the Basin. The Producer agencies that participate in this program would receive credits for the stored water in exchange for the reduced pumping. Producer agencies participating in the program would also pre-pay OCWD the RA at the time the In-lieu exchange occurs, thereby compensating OCWD for the resulting lost sale of water. The credits would allow the participating agencies to recover the stored water in the future, having already pre-paid the RA. Through the In-Lieu Exchange Program, Producer agencies would choose to invest in storing water that can be recovered at a later date, while also avoiding future increases in the RA. Under such an exchange program, OCWD would be cost-neutral.
- *Green Acres Project Supply Source:* IRWD is interested in pursuing discussions with OCWD to establish a program whereby IRWD could provide a high-quality and reliable supply of water to OCWD's Green Acres Project throughout the year. This would subsequently increase the amount of water available to OCWD for treatment in the GWRS and subsequent recharge into the Basin.
- *Seawater Desalination Programs:* IRWD's support for projects that propose to use desalinated seawater for recharge in the Basin (either directly or through in-lieu methods) should be provided only when consistent with IRWD's [Policy Position on Desalination Projects](#).

Policy Principles:

Based on the background information provided above, the following principles define IRWD's policy for supporting methods to increase the amount of water available within the Orange County Groundwater Basin:

1. OCWD should follow its own policies and Groundwater Management Plan for advanced overdraft conditions by reducing the BPP and taking the necessary steps to purchase additional imported supplies from MWD;
2. Every year, OCWD should adjust its purchases of imported water and the BPP accordingly to maintain a Basin operating range of between 100,000 AF and 300,000 AF of accumulated overdraft;
3. OCWD should follow through on its commitment to MWDOC to purchase at least the 650,000 AF of imported water over the next 10 years. As a first step in this process, OCWD should financially budget for at least 65,000 AFY of imported water supplies and set the Replenishment Assessment accordingly;
4. Any funds budgeted by OCWD for imported water purchases that are not used in any fiscal year due to unavailability of water should be dedicated within OCWD's Water Reserve Fund for use in future years when additional import water is available and should not be re-purposed for some other use;
5. OCWD should resume offering a voluntary multi-year in-lieu recharge program where Groundwater Producers could use treated imported water from MWD in-lieu of pumping groundwater. The program should be implemented whereby participating Groundwater Producers pay a net cost equivalent to the cost of producing groundwater;
6. OCWD should implement creative new programs that would increase water levels in the Basin while reducing the adverse impacts of accumulated overdraft conditions. Once such concept would be to implement a voluntary in-lieu exchange program that is cost neutral to OCWD;
7. IRWD supports OCWD evaluation and cost-effective implementation of the GWRS Final Expansion which will increase recharge and reduce accumulated overdraft in the Basin;
8. IRWD supports OCWD pursuing participation in MWD's proposed indirect potable reuse project at Carson through a cost effective long-term agreement for the purchase of advanced treated recycled water from the project at MWD's melded cost of Tier-1 untreated water;
9. IRWD is interested in partnering with OCWD in developing a program through which water from the IRWD recycled water system can be provided to OCWD as a source for the Green Acres Project, thereby increasing available supplies for GWRS for recharge purposes; and
10. IRWD's support for projects that propose to use desalinated seawater for recharge in the Basin (either directly or through in-lieu methods) may be provided subject to consistency with IRWD's [Policy Position on Desalination Projects and](#) demonstration that the project will not result in adverse impacts to IRWD or the Basin.